

UTS:HANDBOOK

2013

DISCLAIMER

This publication contains information which is current at 26 September 2012. Changes in circumstances after this date may impact upon the accuracy or currency of the information. The University takes all due care to ensure that the information contained here is accurate, but reserves the right to vary any information described in this publication without notice. More up-to-date information is published at:

www.handbook.uts.edu.au

Readers are responsible for verifying information which pertains to them by contacting a UTS Student Centre.

EQUAL OPPORTUNITY

It is the policy of UTS to provide equal opportunity for all persons and to prevent discrimination and harassment on the basis of race, colour, descent, national or ethnic origin, ethno-religious background, sex, marital status, pregnancy, potential pregnancy, family responsibilities, disability (physical, intellectual, psychiatric, sensory, neurological, or learning disabilities, and illnesses such as HIV/AIDS), age, homosexuality, transgender status, political conviction, and religious belief.

The Equal Opportunity and Diversity policy describes responsibilities for all members of the UTS community and sets out consequences of any breach of the policy:

www.gsu.uts.edu.au/policies/equalopportunity.html

FREE SPEECH

UTS supports the right to freedom of speech and the rights of its members to contribute to the diversity of views presented in our society.

The policy on the Expression and Practice of Religious, Political and Other Values, Beliefs and Ideas at UTS defines the rights and responsibilities of members of the UTS community in relation to the provisions and parameters that support freedom of speech: www.gsu.uts.edu.au/policies/expressionpracticepolicy.html

NON-DISCRIMINATORY LANGUAGE

UTS has adopted the use of non-discriminatory language as a key strategy in providing equal opportunity for all staff and students. Guidelines for the use of non-discriminatory language have been developed and all members of the University community are encouraged to use them.

www.equity.uts.edu.au/language/inclusive

ACCESS UTS ON THE WEB

www.uts.edu.au

UTS: Handbook

www.handbook.uts.edu.au

UTS: Calendar

www.calendar.uts.edu.au

UTS Legislation, Rules and Policies

www.gsu.uts.edu.au/lrp.html

EDITORIAL AND PRODUCTION

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HOW TO USE THIS HANDBOOK

The *UTS: Handbook 2013* provides comprehensive information on approved courses and subjects to be offered in 2013. The handbook covers course content and structure, subject and elective choices, attendance patterns, and credit point requirements, as well as important course area information for current and prospective students, and general information on student services and facilities.

The handbook is divided into the following main sections:

- · List of courses by course area
- List of courses by faculty
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 - Academic year dates
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Finding information

General

The general information section has University-wide information for all students on matters such as application and admission, enrolment, fees, financial assistance (including scholarships and prizes), health services, semester start and end dates, study plans, understanding study plans, study packages, location of UTS Student Centres, the library, child care, Students' Association, etc. (see pages 20–48).

Course areas

The course areas section contains information for undergraduate and postgraduate students on each of the University's 11 course areas, including contacts and inquiries, student facilities, centres and associations, etc. (see pages 49–107).

Courses

Information on specific courses can be found in the following ways.

- If you know the course code, go to Contents: courses are divided into Undergraduate, Postgraduate coursework, and Postgraduate research, with courses listed numerically by course code (see pages 4–9).
- If you know the course code, you can also go directly to its course entry. Courses appear numerically by course code within their level section (i.e. Undergraduate courses, Postgraduate coursework courses, Postgraduate research courses) (see pages 108–497).
- If you know the course area you wish to study in, go to List of courses by course area: courses are grouped under their course area and divided into Undergraduate, Postgraduate coursework, and Postgraduate research, with courses listed numerically by course code (see pages 10–14).
- If you know the faculty offering the course, go to List of courses by faculty: courses are grouped under their faculty and divided into Undergraduate, Postgraduate coursework, and Postgraduate research, with courses listed numerically by course code (see pages 15–19).
- If you know the name of the course, go to Index: courses are listed alphabetically by course name (see pages 1064–1069).

Subjects

Information on specific subjects can be found in the following ways.

- If you know the subject code, go to Subjects: subjects appear numerically by subject code (see pages 680–1039).
- If you know the name of the subject, go to Alphabetical list of subjects: subjects are listed alphabetically by subject name (see pages 1040–1058).

Majors, sub-majors, choice blocks or streams

Information on the make up of specific study packages (i.e. the subjects in specific majors, sub-majors, choice blocks and streams) can be found in the following ways.

- If you know the code, go to Study package directory: study packages appear alpha-numerically by code (see pages 498–679).
- If you know the name of the major, go to Alphabetical list of majors: majors are listed alphabetically by major name (see pages 1059–1060).
- If you know the name of the sub-major, go to Alphabetical list of sub-majors: sub-majors are listed alphabetically by sub-major name (see pages 1061–1062).

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C03025 C03051 FACUL: Undergra C10122 C10225 C10300 C10301 Honours C09018 C09051 C09057	Master of Science in Computing Sciences (Research)	C10126 C10129 C10131 C10136 C10245 C10258 C10259	Bachelor of Science Bachelor of Laws
C03025 C03051 FACUL: Undergra C10122 C10225 C10300 C10301 Honours C09018 C09051 C09057 C09058	Master of Science in Computing Sciences (Research)	C10126 C10129 C10131 C10136 C10245 C10258 C10259	Bachelor of Science Bachelor of Laws
C03025 C03051 FACUL Undergra C10122 C10225 C10300 C10301 Honours C09018 C09051 C09057 C09058 Combine	Master of Science in Computing Sciences (Research). 489 Master of Analytics (Research). 495 TY OF HEALTH aduate courses Bachelor of Nursing 173 Bachelor of Midwifery 230 Bachelor of Human Movement 288 Bachelor of Management in Sport and Exercise 289 courses Bachelor of Nursing (Honours). 111 Bachelor of Midwifery (Honours) 119 Bachelor of Human Movement (Honours) 121 Bachelor of Management (Honours) in Sport and Exercise 122 d courses	C10126 C10129 C10131 C10136 C10245 C10258 C10259 C10260	Bachelor of Science Bachelor of Laws
C03025 C03051 FACUL: Undergra C10122 C10225 C10300 C10301 Honours C09018 C09051 C09057 C09058	Master of Science in Computing Sciences (Research). 489 Master of Analytics (Research). 495 TY OF HEALTH aduate courses Bachelor of Nursing 173 Bachelor of Midwifery 230 Bachelor of Human Movement 288 Bachelor of Management in Sport and Exercise 289 courses Bachelor of Nursing (Honours). 111 Bachelor of Midwifery (Honours). 119 Bachelor of Human Movement (Honours). 121 Bachelor of Management (Honours) in Sport and Exercise 122 d courses Bachelor of Nursing Bachelor of Arts in International	C10126 C10129 C10131 C10136 C10245 C10258 C10259 C10260 C10261	Bachelor of Science Bachelor of Laws
C03025 C03051 FACUL Undergra C10122 C10225 C10300 C10301 Honours C09018 C09051 C09057 C09058 Combined C10123	Master of Science in Computing Sciences (Research)	C10126 C10129 C10131 C10136 C10245 C10258 C10259 C10260 C10261 C10262 C10263	Bachelor of Science Bachelor of Laws
C03025 C03051 FACUL Undergra C10122 C10225 C10300 C10301 Honours C09018 C09051 C09057 C09058 Combine	Master of Science in Computing Sciences (Research). 489 Master of Analytics (Research). 495 TY OF HEALTH aduate courses Bachelor of Nursing 173 Bachelor of Midwifery 230 Bachelor of Human Movement 288 Bachelor of Management in Sport and Exercise 289 courses Bachelor of Nursing (Honours). 111 Bachelor of Midwifery (Honours). 119 Bachelor of Human Movement (Honours). 121 Bachelor of Management (Honours) in Sport and Exercise 122 d courses Bachelor of Nursing Bachelor of Arts in International Studies 178 Bachelor of Human Movement Bachelor of Arts in	C10126 C10129 C10131 C10136 C10245 C10258 C10259 C10260 C10261 C10262 C10263	Bachelor of Science Bachelor of Laws
C03025 C03051 FACUL Undergra C10122 C10225 C10300 C10301 Honours C09018 C09051 C09057 C09058 Combined C10123 C10302	Master of Science in Computing Sciences (Research)	C10126 C10129 C10131 C10136 C10245 C10258 C10259 C10260 C10261 C10262 C10263 Postgrace	Bachelor of Science Bachelor of Laws
C03025 C03051 FACUL Undergra C10122 C10225 C10300 C10301 Honours C09018 C09051 C09057 C09058 Combined C10123	Master of Science in Computing Sciences (Research). 489 Master of Analytics (Research). 495 TY OF HEALTH aduate courses Bachelor of Nursing 173 Bachelor of Midwifery 230 Bachelor of Human Movement 288 Bachelor of Management in Sport and Exercise 289 courses Bachelor of Nursing (Honours) 111 Bachelor of Midwifery (Honours) 119 Bachelor of Human Movement (Honours) 121 Bachelor of Management (Honours) 121 Bachelor of Management (Honours) 121 Bachelor of Management (Honours) 132 d courses Bachelor of Nursing Bachelor of Arts in International Studies 178 Bachelor of Human Movement Bachelor of Arts in International Studies 290 Bachelor of Management in Sport and Exercise	C10126 C10129 C10131 C10136 C10245 C10258 C10259 C10260 C10261 C10262 C10263 Postgrac C04143 C04145	Bachelor of Science Bachelor of Laws
C03025 C03051 FACUL: Undergra C10122 C10225 C10300 C10301 Honours C09018 C09051 C09057 C09058 Combined C10123 C10302 C10303	Master of Science in Computing Sciences (Research). 489 Master of Analytics (Research). 495 TY OF HEALTH aduate courses Bachelor of Nursing 173 Bachelor of Human Movement 288 Bachelor of Management in Sport and Exercise 289 courses Bachelor of Human Movement 111 Bachelor of Midwifery (Honours) 119 Bachelor of Human Movement (Honours) 121 Bachelor of Management (Honours) 121 Bachelor of Management (Honours) 121 Bachelor of Management (Honours) 132 d courses Bachelor of Nursing Bachelor of Arts in International Studies 178 Bachelor of Human Movement Bachelor of Arts in International Studies 290 Bachelor of Management in Sport and Exercise Bachelor of Arts in International Studies 291	C10126 C10129 C10131 C10136 C10245 C10258 C10259 C10260 C10261 C10262 C10263 Postgrac C04143 C04145 C04147	Bachelor of Science Bachelor of Laws
C03025 C03051 FACUL: Undergra C10122 C10225 C10300 C10301 Honours C09018 C09057 C09058 Combined C10123 C10302 C10303 Postgrad	Master of Science in Computing Sciences (Research). 489 Master of Analytics (Research). 495 TY OF HEALTH aduate courses Bachelor of Nursing 173 Bachelor of Midwifery 230 Bachelor of Human Movement 288 Bachelor of Management in Sport and Exercise 289 courses Bachelor of Nursing (Honours). 111 Bachelor of Midwifery (Honours). 121 Bachelor of Human Movement (Honours). 121 Bachelor of Management (Honours) in Sport and Exercise 122 d courses Bachelor of Nursing Bachelor of Arts in International Studies 178 Bachelor of Human Movement Bachelor of Arts in International Studies 290 Bachelor of Management in Sport and Exercise Bachelor of Arts in International Studies 291 luate coursework courses	C10126 C10129 C10131 C10136 C10245 C10258 C10259 C10260 C10261 C10262 C10263 Postgrac C04143 C04145 C04147 C04149	Bachelor of Science Bachelor of Laws
C03025 C03051 FACUL: Undergra C10122 C10225 C10300 C10301 Honours C09018 C09057 C09058 Combined C10123 C10302 C10303 Postgrad C04140	Master of Science in Computing Sciences (Research). 489 Master of Analytics (Research). 495 TY OF HEALTH aduate courses Bachelor of Nursing 173 Bachelor of Human Movement. 288 Bachelor of Management in Sport and Exercise. 289 courses Bachelor of Midwifery (Honours). 111 Bachelor of Midwifery (Honours). 121 Bachelor of Human Movement (Honours). 121 Bachelor of Management (Honours) in Sport and Exercise. 122 d courses Bachelor of Nursing Bachelor of Arts in International Studies. 178 Bachelor of Human Movement Bachelor of Arts in International Studies. 290 Bachelor of Human Movement Bachelor of Arts in International Studies. 291 Bachelor of Management in Sport and Exercise Bachelor of Arts in International Studies 291 Bachelor of Hanagement in Sport and Exercise Bachelor of Arts in International Studies 291 Butter coursework courses Master of Health Services Management 326	C10126 C10129 C10131 C10136 C10245 C10258 C10259 C10260 C10261 C10262 C10263 Postgrac C04143 C04145 C04147 C04149 C04236	Bachelor of Science Bachelor of Laws
C03025 C03051 FACUL: Undergra C10122 C10225 C10300 C10301 Honours C09018 C09051 C09057 C09058 Combined C10123 C10302 C10303 Postgrad C04140 C04228	Master of Science in Computing Sciences (Research)	C10126 C10129 C10131 C10136 C10245 C10258 C10259 C10260 C10261 C10262 C10263 Postgrac C04143 C04145 C04147 C04149 C04236 C04242	Bachelor of Science Bachelor of Laws
C03025 C03051 FACUL: Undergra C10122 C10225 C10300 C10301 Honours C09018 C09057 C09058 Combined C10123 C10302 C10303 Postgrad C04140	Master of Science in Computing Sciences (Research)	C10126 C10129 C10131 C10136 C10245 C10258 C10259 C10260 C10261 C10262 C10263 Postgrac C04143 C04145 C04147 C04149 C04236 C04242 C04250	Bachelor of Science Bachelor of Laws
C03025 C03051 FACUL: Undergra C10122 C10225 C10300 C10301 Honours C09018 C09051 C09057 C09058 Combined C10123 C10302 C10303 Postgrad C04140 C04228	Master of Science in Computing Sciences (Research)	C10126 C10129 C10131 C10136 C10245 C10258 C10259 C10260 C10261 C10262 C10263 Postgrac C04143 C04145 C04147 C04149 C04236 C04242 C04250 C04251	Bachelor of Science Bachelor of Laws
C03025 C03051 FACUL: Undergra C10122 C10225 C10300 C10301 Honours C09018 C09051 C09057 C09058 Combined C10123 C10302 C10303 Postgrad C04140 C04228 C04246	Master of Science in Computing Sciences (Research)	C10126 C10129 C10131 C10136 C10245 C10258 C10259 C10260 C10261 C10262 C10263 Postgrac C04143 C04145 C04147 C04149 C04236 C04242 C04250 C04251 C06099	Bachelor of Science Bachelor of Laws
C03025 C03051 FACUL Undergra C10122 C10225 C10300 C10301 Honours C09018 C09051 C09057 C09058 Combine C10123 C10302 C10303 Postgrad C04140 C04228 C04246 C04247	Master of Science in Computing Sciences (Research)	C10126 C10129 C10131 C10136 C10245 C10258 C10259 C10260 C10261 C10262 C10263 Postgrac C04143 C04145 C04147 C04149 C04236 C04242 C04250 C04251 C06099 C07073	Bachelor of Science Bachelor of Laws
C03025 C03051 FACUL: Undergra C10122 C10225 C10300 C10301 Honours C09018 C09051 C09057 C09058 Combined C10123 C10302 C10303 Postgrad C04140 C04228 C04246 C04247 C07044	Master of Science in Computing Sciences (Research)	C10126 C10129 C10131 C10136 C10245 C10258 C10259 C10260 C10261 C10262 C10263 Postgrac C04143 C04145 C04147 C04149 C04236 C04242 C04250 C04251 C06099	Bachelor of Science Bachelor of Laws
C03025 C03051 FACUL: Undergra C10122 C10225 C10300 C10301 Honours C09018 C09057 C09058 Combined C10123 C10302 C10303 Postgrad C04140 C04228 C04246 C04247 C07044 C07048	Master of Science in Computing Sciences (Research)	C10126 C10129 C10131 C10136 C10245 C10258 C10259 C10260 C10261 C10262 C10263 Postgrac C04143 C04145 C04147 C04149 C04236 C04242 C04250 C04251 C06099 C07073	Bachelor of Science Bachelor of Laws

C11129	Graduate Certificate in International Law
C11130	Graduate Certificate in Trade Mark Law and Practice 445 $$
C11211	Graduate Certificate in Australian Law
C11217	Graduate Certificate in Communications Law
C11229	Graduate Certificate in Intellectual Property
C11232	Graduate Certificate in Professional Legal Practice 467
3	uate research courses
C02027	Doctor of Juridical Science
C02028	Doctor of Philosophy
C03024	Master of Laws (Research)
FACUL	TY OF SCIENCE
Undergra	duate courses
C10115	Bachelor of Biomedical Science
C10155	Bachelor of Mathematics and Finance 199
C10158	Bachelor of Mathematics and Computing201
C10172	Bachelor of Biotechnology
C10174	Bachelor of Forensic Biology in Biomedical Science 216
C10184	Bachelor of Medical Science
C10186	Bachelor of Health Science in Traditional Chinese Medicine
C10227	Bachelor of Science in Environmental Forensics 233
C10228	Bachelor of Science in Marine Biology
C10242	Bachelor of Science
C10244	Bachelor of Forensic Science in Applied Chemistry 251
Honours	
C09020	Bachelor of Science (Honours) in Mathematics
C09021	Bachelor of Mathematics and Finance (Honours)
C09022	Bachelor of Biotechnology (Honours)
C09023	Bachelor of Science (Honours) in Biomedical Science 114
C09026	Bachelor of Science (Honours) in Applied Chemistry 114
C09029	Bachelor of Science (Honours) in Environmental Science
C09031	Bachelor of Medical Science (Honours)116
C09035	Bachelor of Science (Honours) in Applied Physics 116
C09046	Bachelor of Science (Honours) in Nanotechnology 117
C09050	Bachelor of Forensic Science (Honours) in Applied Chemistry
Combined	d courses
C10073	Bachelor of Engineering Bachelor of Science
C10074	Bachelor of Engineering Bachelor of Science Diploma in Engineering Practice
C10075	Bachelor of Engineering Bachelor of Medical Science 167
C10076	Bachelor of Engineering Bachelor of Medical Science Diploma in Engineering Practice
C10078	Bachelor of Engineering Bachelor of Biotechnology 170
C10079	Bachelor of Engineering Bachelor of Biotechnology Diploma in Engineering Practice
C10126	Bachelor of Science Bachelor of Laws
C10131	Bachelor of Medical Science Bachelor of Laws
C10157	Bachelor of Mathematics and Finance Bachelor of Arts in International Studies
C10162	Bachelor of Science Bachelor of Business
C10163	Bachelor of Medical Science Bachelor of Business
C10164	Bachelor of Health Science in Traditional Chinese Medicine Bachelor of Arts in International Studies 209
C10167	Bachelor of Medical Science Bachelor of Arts in International Studies
C10168	Bachelor of Biotechnology Bachelor of Arts in
010170	International Studies
C10169 C10224	Bachelor of Biotechnology Bachelor of Business214 Bachelor of Mathematics and Computing Bachelor of
	Arts in International Studies
C10243	Bachelor of Science Bachelor of Arts in International Studies 2/5

Postgrad	uate coursework courses	
C04241	Master of Science	160
C06097	Graduate Diploma in Mathematics and Statistics for Business and Finance	193
C11210	Graduate Certificate in Mathematics4	57
C11216	Graduate Certificate in Science	60
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C02030	Doctor of Philosophy	77
C02031	Doctor of Philosophy	77
C03026	Master of Science in Mathematical Sciences (Research)	90
C03029	Master of Science (Research)	
GRADU	ATE SCHOOL OF HEALTH	
Postgrad	uate coursework courses	
C04252	Master of Pharmacy 3	376
C06100	Graduate Diploma in Pharmaceutical Sciences 3	195
C11230	Graduate Certificate in Pharmaceutical Sciences 4	67،
Postgrad	uate research courses	
C02056	Doctor of Philosophy	85
C03053	Master of Pharmacy (Research)4	96
C03054	Master of Pharmaceutical Sciences (Research)4	.97

STUDYING AT UTS

INTRODUCTION TO UTS

The University of Technology, Sydney is a multi-campus university spread over two locations in the Sydney metropolitan area. With a total enrolment of approximately 30,000 students, UTS is one of the largest universities in Australia.

UTS was originally established as the New South Wales Institute of Technology in 1965. In 1988 it attained university status and was joined by the School of Design of the Sydney College of the Arts. The University resulted from amalgamations brought about by the restructuring of the higher education sector in the late 1980s, and in January 1990 the Kuring-gai College of Advanced Education, the Institute of Technical and Adult Teacher Education of the Sydney College of Advanced Education and the 'old' UTS formed the new University of Technology, Sydney.

UTS places a strong emphasis on workplace experience and develops and regularly revises its programs of study in partnership with industry, government and professional bodies. It has one of the highest rates of employment for graduates in New South Wales.

The University is fully committed to internationalisation in all aspects of its operations and encourages students to gain international exposure and experience as part of their degree. Many of UTS's students undertake some study overseas as part of their degree program.

The University's curriculum and ways of teaching and learning equip UTS graduates for international careers and prepare them to live and work in a world of social and cultural diversity.

FACULTIES

In 2013 UTS offers undergraduate and postgraduate coursework and research degrees through the following eight faculties and schools:

- Arts and Social Sciences
- Business School
- Design, Architecture and Building
- Engineering and Information Technology
- Graduate School of Health
- Health
- Law
- Science.

Each of the faculties and schools is responsible for programs across a number of key disciplines, and all faculties offer courses in conjunction with other faculties.

Course areas

Courses at UTS are offered in the following 11 course areas:

- UTS: Business (see page 49)
- UTS: Communication (see page 53)
- UTS: Design, Architecture and Building (see page 57)
- UTS: Education (see page 60)
- UTS: Engineering (see page 62)
- UTS: Health (see page 72)
- UTS: Information Technology (see page 81)
- UTS: International Studies (see page 87)
- UTS: Law (see page 93)
- UTS: Pharmacy (see page 101)
- UTS: Science (see page 102).

FINDING YOUR WAY AROUND

UTS uses a four-character code to identify its campuses and buildings. This building identification system comprises two letters describing a geographic location (the campus) and two numerals indicating a building number. The floor number and room number may follow.

For example, City campus, Broadway, Building 1, level 26, room 30 is identified as CB01.26.30.

The geographic location codes are:

CB - City campus, Broadway

CC - City campus, Blackfriars, Chippendale

CM - City campus, Haymarket

CQ - City campus, 10 Quay Street, Haymarket

KG – Kuring-gai campus

UTS campus maps are available at:

www.uts.edu.au/about/mapsdirections

STUDENT INQUIRIES

UTS Student Centres

UTS Student Centre staff provide general student administration information and advice, as well as course area specific administration services for UTS students and staff. Services provided by the UTS Student Centres include:

- subject and course information
- enrolment inquiries
- study plan inquiries
- class allocation inquiries
- credit recognition and subject substitution applications
- e-requests and Ask UTS inquiries
- leave of absence and concurrent study applications
- exam-related and academic progress applications
- · progression and academic caution matters
- · graduation list preparation.

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222 (international)

fax +61 2 9514 1200

Ask UTS www.ask.uts.edu.au

www.sau.uts.edu.au

City campus

Communication; Engineering; International Studies

Building 1 Student Centre

CB01.4 - Building 1, level 4 (foyer)

15 Broadway, Ultimo

Design, Architecture and Building; Science; Pharmacy

Building 6 Student Centre

CB06.4 - Building 6, level 4

702-730 Harris St, Ultimo

Education; Information Technology; Health

Building 10 Student Centre

CB10.2 - Building 10, level 2 (foyer)

235 Jones St, Ultimo

Business; Law (undergraduate)

Haymarket Student Centre

CM05C.1 – Building 5, block C, level 1

cnr Quay St and Ultimo Rd, Haymarket

Business; Law (postgraduate)

Havmarket Student Centre

CM05B.5 - Building 5, block B, level 5

cnr Quay St and Ultimo Rd, Haymarket

Kuring-gai campus

Kuring-gai Student Centre

KG01.5 - Building 1, level 5 (foyer)

Eton Road, Lindfield

Opening hours

UTS Student Centre opening hours are available at: www.uts.edu.au/students/centres.html

Postal address

UTS Student Centre University of Technology, Sydney PO Box 123

Broadway NSW 2007

UTS International

CB01.3A – Building 1, level 3A 15 Broadway, Ultimo www.uts.edu.au/international CRICOS provider code 00099F

Further information is available from the following.

Future students

telephone 1800 774 816 (freecall within Australia) or +61 3 9627 4816 (from outside Australia) fax +61 2 9514 1530

email international@uts.edu.au

Commencing students

telephone +61 2 9514 1531 email international.apps@uts.edu.au

Current students

telephone +61 2 9514 1796 or +61 2 9514 9914 email internationalstudent@uts.edu.au

Study abroad and exchange

email studyabroad.exchange@uts.edu.au

Postgraduate research

The UTS: Graduate Research School promotes innovation and excellence in research education and researcher development across the University. The school provides a range of services to support and develop research students, supervisors and early career researchers including research education programs, policy development, advice and guidance, and scholarships.

UTS: Graduate Research School CB01.7 – Building 1, level 7 15 Broadway, Ultimo telephone +61 2 9514 1336 email ugs@uts.edu.au www.gradschool.uts.edu.au

UTS COMMUNICATION WITH STUDENTS

My Student Admin

All enrolled students have access to My Student Admin which enables them to update their address, contact details and current enrolment details; print copies of their fees invoice; and access results, class timetables, exam timetables and graduation information. Students must maintain their current address and contact telephone details in My Student Admin.

https://onestopadmin.uts.edu.au

Academic transcripts, statements of course completion and statements of enrolment can be requested at:

www.sau.uts.edu.au/forms

UTS email

It is essential that all students activate their UTS email accounts and check for official University information on a regular basis. Important messages may also be sent by SMS.

All enrolled students are issued with a UTS email account that is used as the primary form of official communication from the University.

Further information and advice on account activation is available at: www.sau.uts.edu.au/managing/webmail.html

The Student Administration Unit contacts students regularly via UTS webmail about course administration matters and via broadcast emails to keep students up to date and informed about what's happening at UTS.

Students are expected to check their official UTS email account at least twice a week.

Due to privacy requirements, the Student Administration Unit is unable to answer specific student inquiries via email without verifying the students identity first. In order to verify a students identity and then provide relevant information, student's are required to enter inquiries via the My Student Portal inquiry system at:

https://mystudent.uts.edu.au

The UTS email policy and guidelines that outline appropriate use and access of UTS email accounts are available at: www.gsu.uts.edu.au/policies/emailpolicy.html

Ask UTS and UTS Service Desk

Ask UTS and the UTS Service Desk are the help desks for the University.

- Ask UTS is the first point of contact for lodging written inquiries in relation to student administration (www.ask.uts.edu.au).
- UTS Service Desk is the first point of contact for lodging written inquiries in relation to IT support (https://servicedesk.uts.edu.au).

Other sources of information

- UTS Facebook: www.facebook.com/UTSEngage
- SAU online via twitter: Follow @UTSStudentInfo on Twitter for UTS Student Admin news and reminders about important dates
- UTS: Noticeboard: Official notices of the University including rule changes, elections, minutes of UTS Council, minutes of the UTS Academic Board, etc., are available from the UTS: Noticeboard at: www.uts.edu.au/oth/noticeboard

STUDENT IDENTITY CARDS

All enrolled students must have a UTS student identity (ID) card. Students are issued with an ID card as part of the enrolment process. This card is only valid while enrolled at UTS. The ID card must be carried at all times while on University premises and may be required to be produced on demand by an employee of the University. A travel concession logo is printed or attached to the card for eligible students.

The student ID card must be presented when borrowing books from the University library, when accessing the computer labs and when sitting examinations or class tests. It is also used to pay library fines and other services and fees. If the card is lost, a fee may be levied for its replacement.

Further information about ID cards and travel concessions is available at:

www.sau.uts.edu.au/student/id

APPLICATION AND ADMISSION

The UTS Admissions Policy is available at: www.gsu.uts.edu.au/policies/admissionspolicy.html
Section 5 of the Student and Related Rules outlines admission requirements.

Domestic students

www.gsu.uts.edu.au/rules/5-index.html

UAC applications

Applications from Australian citizens, New Zealand citizens and permanent visa holders for most undergraduate courses and postgraduate coursework courses are made through the Universities Admissions Centre (UAC) except applications for postgraduate coursework programs in business which are made online through the UTS Business School:

www.business.uts.edu.au/pg/apply
Application details are available from the UAC at:

Application details are available from the UAC a www.uac.edu.au

Details on courses offered by UTS are available in this handbook.

For undergraduate courses starting at the beginning of the year, students are required to lodge a UAC online application between August and December of the previous year. For postgraduate courses, applications are lodged between September and January. Applications for mid-year admissions open in early April of that year. Some courses have earlier closing dates and students should check with the UAC for details on those.

UAC codes differ for postgraduate courses depending on the semester of intake. The most up-to-date code is available from the UAC.

Direct applications

Application information for UTS Business School postgraduate courses, where applications are accepted directly by UTS, is available at:

www.business.uts.edu.au/pg

Information about and application forms for admission to higher degree research programs are available from the UTS: Graduate Research School at:

www.gradschool.uts.edu.au

International students

International student applications for undergraduate and postgraduate courses can be made directly to UTS International or through one of the University's registered agents. For courses starting at the beginning of the year, applications should be received by 30 September for postgraduate research courses and 15 December of the previous year for coursework studies. For courses starting in the middle of the year, applications should be received by 30 March of that year for postgraduate research courses and 15 June of that year for coursework studies. Information about courses and application procedures is available at:

www.uts.edu.au/international

International students undertaking an Australian HSC prior to the year of commencement of university studies must apply through the Universities Admissions Centre (UAC):

www.uac.edu.au/international

Non-award and cross-institutional study

Students who want to enrol in subjects at UTS, but not as part of a UTS degree or qualification, must apply for non-award or cross-institutional study. There are three application periods and closing dates vary for each teaching period. Further information is available from the UTS Student Centres and at:

www.uts.edu.au/study/nonaward.html

Students who are temporary residents or hold student visas should contact UTS International for advice on their eligibility.

www.uts.edu.au/international

English proficiency

An application for admission is not considered until proficiency in English has been demonstrated. Details of the language standards required for admission to UTS are available at:

www.uts.edu.au/international/prospective/studying/require/english.html

If suitable evidence of English proficiency is not forwarded with the application for admission, students are requested to complete an English proficiency test. UTS uses the International English Language Testing System (IELTS). The IELTS test is available in Australia in all capital cities and many regional centres.

Further information is available from the UTS IELTS Centre at:

City campus, Broadway

CB02.5.30M - Building 2, level 5, room 30M

15 Broadway, Ultimo

telephone +61 2 9514 1536 (leave a message if necessary)

fax +61 2 9514 1824

email ielts@uts.edu.au

www.uts.edu.au/international/ielts

CRICOS provider code 00099F

ENROLMENT

Following admission, students are required to identify the set of subjects from their study plan (see page 28) that will constitute their enrolment each year. They must also select a teaching period and a location from those that are on offer for each subject.

Correct enrolment in subjects is the responsibility of the student. For subjects being studied in Australia, enrolment is undertaken using My Student Admin (see page 21). Enrolling into subjects for credit conducted outside the University is a paper-based process. For further information see:

- Concurrent study: www.sau.uts.edu.au/enrolment/concurrent
- International exchange: www.ssu.uts.edu.au/globalexchange

In addition to formally enrolling in each subject, it is necessary to register in activities (e.g. classes, lectures, tutorials, seminars). Where more than one option is on offer for a particular activity, preferences may be collected from students before the final class allocation is made.

See the timetable at:

http://timetable.uts.edu.au

Continuing students are required to enrol in at least one subject for the coming year during the published re-enrolment period from late October to early January otherwise a late enrolment fee of \$250 will apply. Further information is available at:

www.sau.uts.edu.au/enrolment/continuing.html

Additions and deletions can be made to an enrolment using My Student Admin within a tightly defined time period limited by the last day to add a subject and the last day to withdraw from a subject, which is the teaching period census date (see page 22) (see also principal dates) (see page 40).

Failure to notify the University of withdrawal from a subject before the teaching period census date in a program can result in subject failure and incurs financial liability.

Students should be aware that it is their responsibility to regularly check My Student Admin to ensure that:

- their personal details, postal address and contact telephone numbers are correct, and the University is informed of any changes as they occur
- their enrolment details are correct
- they are registered into activities (classes, etc.)
- their subject enrolment is consistent with the completion rules of the course.

Enrolment information is available at:

www.sau.uts.edu.au/enrolment

Information on leave of absence, withdrawal from a subject or entire course, and key dates, is available from the Student Administration Unit at:

www.sau.uts.edu.au

CENSUS DATES

The University is required to set a census date for each subject it offers. The census date is:

- the date students becomes financially liable for any subjects in which they are enrolled
- the final day students can withdraw from a subject without financial liability and academic penalty
- the date students incur a HELP debt for any units for which they have taken out a HELP loan
- the final day Commonwealth-supported students and students requesting Commonwealth assistance can submit appropriate Commonwealth assistance forms and provide their tax file number if they wish to defer their tuition fees
- the final day the University is allowed to accept upfront payments of Commonwealth-supported places student contributions (earlier deadlines for payment may apply).

Further information is available from the Student Administration Unit: www.sau.uts.edu.au/dates/census

Census dates for research degree students are later in the year for Autumn and Spring semesters due to the flexible start dates for research students. Full financial and load liability applies after the census dates. Further information is available from the UTS: Graduate Research School:

www.gradschool.uts.edu.au

ACADEMIC PROGRESSION

All students are expected to meet minimum academic progression requirements. Students must pass 50 per cent of the credit points in which they are enrolled each half year. If this requirement is not met, students are placed on academic caution. During a period of academic caution, usually one half year, a student must consult with the designated academic course advisers from the relevant faculty for advice on their study plan; attend a study skills workshop program organised by the Student Services Unit; and enrol in no more than 24 credit points for the half year of study to which the period of academic caution applies.

Further information about academic caution is available at:

www.sau.uts.edu.au/academic/caution.html

After a period of academic caution, undergraduate students who do not maintain the required minimum level of progress may be excluded from a course. The minimum rate of progress for undergraduate students is achievement of 50 per cent of the credit points for which they have been enrolled in since the beginning of that course. Requirements for postgraduate coursework students are set out in the relevant course area (see page 49) postgraduate information section in this handbook or within specific course information. A faculty board may also discontinue a student's registration in a course if the board is dissatisfied with the student's progress.

Further information about academic progression, including appeal procedures, is available at:

www.sau.uts.edu.au/academic/progress.html

Postgraduate research candidature may be discontinued for an unsatisfactory progress report outcome, unsatisfactory candidature assessment, or failure to complete in the maximum time.

Further information is available from the UTS: Graduate Research School at:

www.gradschool.uts.edu.au/policies-rules

EXAMINATIONS AND RESULTS

https://onestopadmin.uts.edu.au

Information about examination timetables, conduct in examinations, appeals, and special consideration is available at:

www.sau.uts.edu.au/assessment

Students are required to be aware of the specific requirements of examination attendance and conduct, as published in section 9 of the Student and Related Rules:

www.gsu.uts.edu.au/rules/9-index.html

Information on procedures followed in cases of suspected misconduct in an examination is also available in the rules:

www.gsu.uts.edu.au/rules/9-8.html

The UTS policy and procedures on the Assessment of Coursework Subjects are available at:

www.gsu.uts.edu.au/policies/assessment-coursework.html

Grades and grade point average

Students studying coursework programs receive a grade for each subject completed. The schedule of grade descriptions is available in schedule 3 of the Student and Related Rules at:

www.gsu.uts.edu.au/rules/s3.html

In most situations, students also receive a progressive grade point average (GPA) indicating their overall performance in a course.

A GPA is a progressive measure of academic achievement over the duration of enrolment in a course. It provides an overall view of a student's performance in a course and is an internationally recognised measure of student performance.

The GPA is based on the subject grade and credit points and is calculated using a preset weighting for each grade for all courses commenced from Autumn semester 2003. (GPA is only applicable to coursework awards, not research degrees.) In most cases, the GPA is calculated automatically at the end of each semester. The GPA is included on academic records.

Further information on GPAs is available at: www.sau.uts.edu.au/assessment/results/gpa

COURSE COMPLETION AND GRADUATION

Eligibility to graduate

Students need to have satisfied all course requirements in order to graduate and receive an academic award from the University as outlined in sections 12 and 13 of the UTS Student and Related Rules. All matters, such as return of library books, must have been settled.

In addition, a student will not be eligible to graduate if they are involved in any student misconduct or appeals proceedings as outlined in section 16 of the rules.

When enrolling in their final year or semester, students need to ensure their program of study will satisfy requirements in accordance with the required timeframe so as not to delay their graduation.

Graduation

To graduate in Autumn 2013 students must ensure the following:

- payment of outstanding fees and financial obligations owed to UTS by 8 March 2013
- return of all University library books, materials and equipment by 8 March 2013
- application for change or correction of formal name submitted by 8 March 2013
- all outstanding results resolved by 11 March 2013
- correct formal name and status of 'passed' reflected on My Student Admin by 14 March 2013.

To graduate in Spring 2013 students must ensure the following:

- payment of outstanding fees and financial obligations owed to UTS by 2 August 2013
- return of all University library books, materials and equipment by 2 August 2013
- application for change or correction of formal name submitted by 2 August 2013
- all outstanding results resolved by 12 August 2013
- correct formal name and status of 'passed' reflected on My Student Admin by 14 August 2013.

Students need to ensure they are aware of the essential graduation information, ceremony schedule and registration timelines that the University communicates to graduands via their UTS email account or other contact details provided in My Student Admin. Failure to update contact details or read notifications are not accepted as reasons for being unaware of matters so notified (see rule 2.3 of the rules).

As the graduation ceremonies have limited capacity, students who have not undertaken the necessary actions by the required deadlines, as outlined in the graduation communications and on the graduation website, may not graduate and may not be able to attend a ceremony at their preferred time. This may result in deferral to the next ceremony period.

If students have any questions about their eligibility to graduate, course requirements, graduation registration or any other matters, they should contact a UTS Student Centre:

telephone 1300 ask UTS (1300 275 887)

Ask UTS www.ask.uts.edu.au

Further key information is also provided at:

- Graduation: www.gsu.uts.edu.au/graduation
- My Student Admin: https://onestopadmin.uts.edu.au

PRIZES AND AWARDS

Prizes are awarded each year to students in the University for meritorious work. These are made available through the generosity of private individuals and public organisations. They are offered each semester, annually or biennially. In rare instances, a prize is offered only when funds permit. Most prizes are offered subject to the provision that they are awarded only when a student has attained a mark or level of achievement considered by the faculty board concerned to be sufficiently high.

In addition to official University prizes and awards, a number of prizes are available from external sources.

A searchable database of prizes and awards is available at: http://datasearch.uts.edu.au/study/scholarships/prizes.cfm The University's policy and procedures for the administration of prizes are available at:

www.gsu.uts.edu.au/policies/prizesadmin.html

The University's guidelines for the acceptance of new prizes are available at:

www.gsu.uts.edu.au/policies/prizesnew.html

University medal

A University medal may be awarded to a graduating student who has demonstrated exceptional merit.

Further information on the University medal is available in rule 13.8 of the Student and Related Rules.

The guidelines for the award of UTS medals are available at: www.gsu.uts.edu.au/policies/utsmedalguide.html

GLOBAL EXCHANGE

UTS provides a range of opportunities for students to enhance their international capabilities, expand their career and personal goals, and develop an international perspective by participating in global exchange.

UTS has exchange partnerships with over 190 universities in 33 countries. This includes opportunities to study in English in Austria, China, Colombia, Denmark, Finland, France, Germany, Hong Kong, Hungary, India, Italy, Japan, Malaysia, Mexico, the Netherlands, Portugal, the Philippines, Singapore, South Korea, Spain, Sweden, Taiwan, Thailand as well as the more traditional destinations such as Canada, the UK and the USA.

Global exchange is an excellent opportunity to undertake a semester or two of study overseas at a UTS partner university and receive credit toward a UTS degree. UTS aims to create global citizens and encourages students to participate in the Global Exchange Program to develop skills and experiences which will increase their employability.

Global exchange information sessions are conducted each semester and attendance at the session is a preliminary requirement of the application process. More information and registration for an information session are available at:

www.ssu.uts.edu.au/globalexchange

A complete list of partner universities is available at:

https://uts.moveonnet.eu/moveonline/exchanges/search.php

UTS provides scholarships each semester to support student participation in the global exchange program:

www.ssu.uts.edu.au/globalexchange/scholarships.html

In addition, in 2012 the federal government OS-HELP loan scheme provided funding for eligible students of up to \$5824 a semester for up to two semesters of overseas study:

www.studyassist.gov.au/sites/studyassist/helppayingmyfees/pages/os-help-loans-and-study-overseas

STUDENT LEADERSHIP PROGRAMS

Beyond UTS International Leadership Development (BUILD) program

The Beyond UTS International Leadership Development (BUiLD) program is an extracurricular student leadership, global citizenship and social development program focusing on global leadership, community connections and social issues. BUiLD provides participants with leadership development, volunteering, shorterm international programs, study tours, internships, networking opportunities, community engagement and social awareness activities. Participants are able to engage with an extensive suite of experiential learning opportunities locally and overseas.

More information and online registration are available at: www.ssu.uts.edu.au/beyonduts

Brennan Justice and Leadership program

The Brennan program is a voluntary program for UTS law students that seeks to strengthen the justice consciousness, idealism and sense of service that they bring to their studies and later professional work. Introduced in 2011, it is a joint initiative of the UTS Faculty of Law and the UTS Law Students' Society.

The program provides opportunities for students to develop their leadership potential and take part in a range of lectures, discussion groups and voluntary activities. Joining the program gives students the ability to go beyond the academic curriculum of their degree.

More information and online registration are available at: www.law.uts.edu.au/brennan

Social Leaders @ UTS (SoUL)

Social Leaders @ UTS (SoUL) is an extracurricular leadership and volunteering program. SoUL offers seminars, lectures and workshops on social entrepreneurship, active citizenship and the third sector and provides volunteering opportunities for students to put the skills and knowledge they learn in the classroom into practice for local community and not-for-profit organisations.

Through SoUL, students receive leadership training and development, enhanced communication and teamwork skills, hands-on work experience with real-world social businesses and contribute to positive social change in the community.

More information and online registration are available at: www.soul.uts.edu.au

STUDYING AT UTS: INSEARCH

UTS: INSEARCH is a pathway provider to UTS. INSEARCH offers a range of academic and general English programs, higher education diplomas and, on behalf of UTS, UTS Foundation Studies.

INSEARCH has been educating students for over 20 years and is an important part of the UTS community. INSEARCH courses are taught by industry-experienced teaching staff, are designed in consultation with UTS faculties and are approved by the UTS Academic Board. INSEARCH's special relationship with UTS also means that students benefit from UTSs academic standards, student activities and reputation for excellence. Students also have access to UTS facilities which enables them to experience university life while studying at INSEARCH.

INSEARCH offer diplomas in Business, Communication (Public Relations), Design (Visual Communication), Engineering, Information Technology and Science. With small class sizes, dedicated academic support and quality programs, INSEARCH diploma graduates have the opportunity to fast track into the 2nd year of UTS (depending on which course they choose). Full details on INSEARCH courses, entry requirements, articulation and credit points are available on the INSEARCH website.

UTS:INSEARCH Student Centre
Ground floor, 187 Thomas St, Haymarket, Sydney
telephone 1800 896 994 (within Australia)
or +61 3 8676 7001 (outside Australia)
fax +61 2 9218 8666
email courses@insearch.edu.au
www.insearch.edu.au
INSEARCH CRICOS provider code 00859D
UTS CRICOS provider code 00099F

LEGISLATION, RULES AND POLICIES

UTS rules and policies

The rules and policies of the University have been written to provide advice on the responsibilities of students to their studies and to the rights of students and staff. Students should read and be familiar with the rules and policies of the University.

www.gsu.uts.edu.au/lrp.html

UTS Student Charter

The UTS Student Charter recognises that students and staff have rights and responsibilities to each other and to the University community. Students should read and be familiar with the UTS Student Charter. www.gsu.uts.edu.au/policies/studentcharter.html

Student complaints

The University is committed to providing a learning and working environment in which complaints are responded to promptly and with minimum distress and maximum protection to all parties. All students and staff have a responsibility to contribute to the achievement of a productive, safe and equitable study and work environment at UTS.

The policy on Handling Student Complaints outlines what a complaint is and contains information about how to make a complaint.

More information is available at: www.uts.edu.au/work/grievance

Right to information and privacy

An individual can request access to information held by UTS under the *Government Information (Public Access) Act* 2009 (NSW). If the information requested cannot be accessed online or through an informal application, an access application needs to be lodged with the right to information coordinator.

An individual may request access to their personal information under the *Privacy and Personal Information Protection Act* 1998 (NSW) or, where the information is health related, under the *Health Records and Information Privacy Act* 2002 (NSW). In addition to the requirements of these acts, UTS has a number of policies that govern access to, and the collection, use, storage and disclosure of, personal information.

Further information on right to information is available at:

www.gsu.uts.edu.au/gipa

Further information on privacy is available at:

www.gsu.uts.edu.au/privacy

NSW child protection legislation

Prohibited employment declaration and screening

In accordance with NSW child protection legislation, students participating in practical training placements that require them to have direct contact with children under 18 in designated child-related employment areas are required to complete a prohibited employment declaration form on enrolment, and each year in which they are enrolled as a student. Students may also be subject to employment screening. Screening is carried out only with students' consent but eligibility for participation in such programs is determined on the basis of information obtained through these checks.

Volunteer/Student Declaration (Commission for Children and Young People Act 1998)

Under NSW law any person who has been convicted of a serious sex offence, the murder of a child or a child-related personal violence offence or who is a registrable person under the *Child Protection (Offenders Registration) Act 2000* is prohibited from working in child-related employment. Prior to commencing each professional experience or clinical placement, students are required to complete a Volunteer/Student Declaration.

Education students: Appendix 4 Declaration and Appendix 2 Declaration and Employment Screening Consent for all employment with the Department

Every student, every year from 2011, needs to complete an Appendix 4 Declaration. All students who participate in professional experience subjects conducted in schools or in similar organisations, where work involves direct contact with children under 18, are required to complete an Appendix 4 Declaration at the beginning of each year of their course. Fourth-year students enrolled in primary education courses are required to undergo employment screening.

Students participating in internship or associate teacher programs that involve direct contact with children under 18 without the presence of a qualified teacher are subject to a working with children check by the NSW Department of Education and Communities, which requires completion of an Appendix 4 Declaration and the Appendix 2 Declaration and Employment Screening Consent for all Employment with the Department (internship is regarded as employment even though students are not paid).

Eligibility for participation in such programs is determined on the basis of these checks.

These checks are only carried out with a student's consent. If students refuse to consent to the checks, they will be unable to complete the course requirements. This information is for use by the Department of Education and Communities only.

The forms are available as downloadable PDFs from:

• Appendix 2:

https://www.det.nsw.edu.au/policies/student_serv/child_protection/work_child/implementation_4_PD20050264.shtml

Appendix 4:

https://www.det.nsw.edu.au/policies/student_serv/child_protection/work_child/implementation_6_PD20050264.shtml

Further information is available from UTS: Education:

Building 10 Student Centre CB10.2 – Building 10, level 2 (foyer) 235 Jones St, Ultimo telephone +61 2 9514 3900

Kuring-gai Student Centre KG01.5 – Building 1, level 5 (foyer)

Eton Rd, Lindfield telephone +61 2 9514 5621

Health students: prohibited employment declaration and criminal record check

NSW Health is committed to providing their staff, patients, and clients with a safe workplace. The NSW Department of Health Employment Screening policy requires all students enrolling in courses that involve clinical placements in NSW public health facilities to undertake a National Criminal Record Check and comply with other policy requirements. In addition, when starting nursing or midwifery studies at UTS, international/overseas students are required to obtain a police certificate (with English translation) from their home country and any country that they have resided in, incorporating any charges the student may have against his or her name. If the student is unable to provide a police certificate, he or she must complete a statutory declaration stating that he or she has no pending criminal charges or convictions from their home country or any country that he or she has resided in. If a student does have such records, he or she must list the date of offence, type of offence, and court outcome. Details of the clearance requirements for students, including those for overseas students, are provided in Notice to Students Enrolling in Courses that Require Clinical Placements in NSW Public Health Facilities. This document and further links related to the forms, police contacts, frequently asked questions, and further information can be found on the NSW Health website at:

www.health.nsw.gov.au/jobs/student_clearance/index.asp

In addition, during enrolment at UTS, students are required to read and sign a NSW Health Student Undertaking. This undertaking requires students to notify the NSW Department of Health if they are charged or convicted of a criminal offence after the date of issue of their national police certificate or during the completion of their course. Information on this process is provided at enrolment.

Following the commencement of studies and prior to each clinical placement, students are required to:

- have read the NSW Health Code of Conduct and signed a form confirming that they have read, understood, and will comply with the NSW Health Code of Conduct
- sign a Commission for Children and Young People Student Declaration.

Further information is provided on the commencement of studies. Students cannot undertake nursing practice until these clearance requirements are attended to. Fees may apply which must be met by the student.

Further information is available from UTS: Health at: www.nmh.uts.edu.au/students/current/clinical-practice/rules.html

EQUITY AND DIVERSITY

UTS has a strong commitment to ensuring that the diverse nature of Australian society is reflected in all aspects of its employment and education. The University aims to provide a supportive and open organisational culture in which students and staff are able to develop to their full potential.

The Equity and Diversity Unit provides a range of services for students and staff including:

- support for access to education and employment for people from diverse backgrounds
- grievance handling advice and assistance for matters relating to discrimination and harassment
- advice on anti-discrimination and affirmative action legislation
- design and facilitation of equity and diversity training
- guest lectures and presentations on equity and diversity issues to student and staff groups.

UTS is committed to implementing its Equal Opportunity and Diversity policy.

Equity and Diversity Unit CB01.17.12 City campus, Broadway telephone +61 2 9514 1084 email equity@uts.edu.au www.equity.uts.edu.au

STUDENT OMBUDS

Students with a complaint against a decision by University staff, or related to the University, may seek assistance from the Student Ombuds.

All matters are treated in the strictest confidence and in accordance with proper processes.

CB02.4.02 City campus, Broadway telephone +61 2 9514 2575 email ombuds@uts.edu.au www.ombuds.uts.edu.au

UNDERSTANDING COURSES AND SUBJECTS

COURSE DURATION AND ATTENDANCE

Teaching periods

There are two main semesters in the academic year. Autumn semester runs from the beginning of March to the end of June. Spring semester runs from the beginning of August to the end of November. The majority of subjects are offered within Autumn and Spring semesters.

Summer session for undergraduate and postgraduate subjects occurs during the University summer holiday period. Summer session is designed so that students can fast-track their studies and complete subjects in an intensive format. Students should note that only a limited range of subjects is offered in this session. Any student interested in Summer session should contact the relevant UTS Student Centre regarding details of subjects offered and timetabling information.

The 2013 academic year dates (including the examination period) are:

- Summer session: 3 December 2012 8 February 2013
- Autumn semester: 25 February 28 June 2013
- Spring semester: 29 July 29 November 2013

Some subjects are offered in block or intensive mode in the following short teaching periods:

- March session: 11 March 19 April 2013
- May session: 29 April 7 June 2013
- July session: 17 June 26 July 2013
- August session: 12 August 20 September 2013
- October session: 30 September 8 November 2013
- December session: 18 November 2013 3 January 2014

Standard duration

The standard course duration is listed within the detailed entry for each course. Course duration may vary depending on attendance pattern and student load and the timetabling of chosen elective subjects.

Master's degrees by research take a maximum of two years of full-time (four years part-time) research and writing to complete.

Doctorates take a maximum of four years of full-time (eight years part-time) research and writing to complete.

Study load

Full-time students typically undertake 24 credit points a semester. Part-time students have a reduced semester load. Students are not normally permitted to take more than 30 credit points a semester, but there is no lower limit apart from those dictated by the maximum time and leave of absence rules.

Some courses are offered in such a way as to support part-time attendance through the scheduling of classes in the evening. Others are primarily designed for full-time students. Information on modes of study is provided in the detailed entry for each course.

Enrolment restrictions

The only restrictions on subject enrolment are that the subject requisites are met, the subject has not reached its enrolment quota, and that the subject is a valid component of the student's study plan. Note: Entry into preferred subjects is not guaranteed.

Attendance modes

For each specific subject, teaching period and location, one or more attendance modes is available: standard, block, distance (off-campus), and mixed.

Standard attendance mode involves attendance at weekly, on-campus classes over a 14-week semester.

Block mode involves an intensive period of study in classes scheduled over one or more weeks of the teaching period.

In distance (off-campus) mode, students are provided with materials that they work through in their own time, supported by online and print materials and possibly one or two face-to-face sessions.

Mixed mode attendance combines the flexibility of on-campus, distance and block study.

Students undertaking a master's (research) or doctoral degree are, in general, not required to attend classes. However, regular contact is maintained with the student's supervisor(s) throughout enrolment.

Class attendance

On-campus classes may be timetabled between 9am and 9pm. Not all subjects are available in the evenings. Evening classes can start as early as 5pm. Part-time students may need to attend some day classes and full-time students may need to attend some evening classes.

Regular attendance at classes is a requirement of the University. It is the student's responsibility to attend lectures, tutorials and laboratory sessions and carry out all assignment and examination work in every subject in which she or he is enrolled. Students are issued with a subject outline for each of their subjects that includes further details of specific attendance requirements.

The current timetable is available at:

http://timetable.uts.edu.au

International students

International students studying on student visas are subject to specific enrolment requirements under the Australian Government's *Education Services for Overseas Students Act* 2000. These requirements do not apply to international students studying on other kinds of visa.

Further information on student visas is available from UTS International:

www.uts.edu.au/international/current/visa

Credit point load and course duration

International students studying on student visas must ensure that their credit point load puts them in a position to complete their course within the standard duration. This normally requires the completion of 48 credit points a year. Hence, by default, international students must enrol in 100 per cent load each semester. The exceptions are:

- if they have made up, or intend to make up, credit points by overloading or enrolling in non-standard sessions, or
- if they have formal faculty approval to reduce their load.

Australian Government legislation prevents UTS from granting extensions to international students' courses except in limited circumstances. Failure to follow the above requirements may therefore mean that an international student is unable to extend their student visa to complete their course.

Further information on study load is available from UTS International: www.uts.edu.au/international/study/permission.html

Attendance mode

International students may enrol in distance subjects, subject to faculty approval. However, students studying on student visas must enrol in at least one on-campus subject each semester, and can study a maximum of 25 per cent of their total course by distance.

Further information is available from UTS International: www.uts.edu.au/international

ASSUMED KNOWLEDGE

Assumed knowledge means that a student is assumed to have passed a relevant subject in the HSC. UTS does not have specific HSC subject prerequisites for any of its courses. Each faculty identifies assumed knowledge and / or recommended studies, which students are advised to have achieved before beginning the course. Details of any assumed knowledge are included in the entry for each course.

UTS offers a range of bridging courses (see page 35) for students who do not meet the assumed knowledge requirements for their preferred course. Most of the courses are offered in late January / early February, between enrolment and the start of semester. Bridging courses in chemistry, mathematics and physics are available for new students undertaking degree studies in business; design, architecture and building; education; engineering and information technology; health; and science.

Student learning centres (see page 36) are also available to provide assistance to students via bridging and intensive courses and general advice.

CREDIT RECOGNITION

Credit recognition is granted in accordance with section 6 of the UTS Student and Related Rules. Individual courses may also have specific regulations regarding credit recognition.

UTS provides the opportunity for students to apply to have prior learning considered for credit towards a UTS course where the prior learning is related to assessable components of the course. Forms of prior learning include previous study from recognised tertiary organisations, relevant work or life experience, or courses undertaken outside a recognised tertiary education organisation.

Eligibility for credit recognition does not guarantee an applicant a place in the course for which credit recognition may be available. An applicant may apply for an assessment of their prior learning normally only at the time of applying for entry to a course. If recognition of this prior learning is granted, students receive either exemptions or substitutions from either specified or unspecified components of their UTS course.

Students granted exemptions must monitor progress in their enrolled subjects in the first weeks of the teaching period to enable withdrawal, if necessary, from subjects where credit recognition has been granted, before the last date for withdrawal. Students may apply to have an exemption rescinded and enrol in the relevant subject if they feel they cannot meet academic requirements or other components of their course without completing the subject.

Students should read the Credit Recognition Policy at: www.gsu.uts.edu.au/policies/credit-recognition.html

Further information is also available from specific faculty guidelines at:

www.sau.uts.edu.au/applying/rpl.html

Application forms for credit recognition are available from the UTS Student Centres or at:

www.sau.uts.edu.au/forms

If previous study was at another tertiary institution, the credit recognition search tool can be used for an indication of the amount of credit that an applicant may be eligible to receive at UTS:

http://datasearch.uts.edu.au/credit/index.cfm

Further information is available from:

telephone 1300 ask UTS (1300 275 887)

Ask UTS www.ask.uts.edu.au

When visiting a UTS Student Centre bring a copy of your transcript from your previous study, or alternatively upload a copy via Ask UTS.

Student Centre locations and opening hours are available at:

www.uts.edu.au/students/centres.html

PROFESSIONAL RECOGNITION

Many UTS courses are recognised by professional associations and bodies. This means that graduates may be eligible to apply for professional membership of associations or bodies, or that graduates may be recognised as having satisfied the academic requirements to practise in a particular profession.

Details of professional recognition are included in the entry for each course.

AVAILABILITY AND TYPICAL AVAILABILITY

Course availability

The availability of a course refers to the teaching periods and locations for which there will be a student intake in the specified year. Information about undergraduate and postgraduate courses open for applications is available at:

www.uts.edu.au/study/apply.html

Subject availability

The typical availability of subjects is provided with the subject description. It lists each teaching period/session and location that the subject is usually offered.

Note: While the subject is usually offered according to the specified pattern, there is no guarantee. Students should check the actual availability of subjects on the timetable.

Timetable

The University timetable for all teaching periods (except Summer session) is published online in early November for the coming year. The Summer session timetable is usually published in mid-October each year.

http://timetable.uts.edu.au

UAC CODES

The handbook uses several standard acronyms against UAC codes:

FT: full-time

PT: part-time

CSP: Commonwealth-supported place

PDFP: postgraduate fee-paying

STUDY PLANS

On admission to the University each student is given a study plan. The study plan is a list of the subjects that must be completed in order to qualify for the course award. As well as compulsory or core subjects, the study plan may include lists of subjects from which a specified number of credit points must be selected. Some courses allow students to choose a specific learning pathway. A pathway may require students to choose one or more majors or sub-majors.

The study plan is available through My Student Admin. Any choices, in the form of option selection or pathway specification, can be made online, although in some cases faculty approval is required. The point at which choices need to be made, and the extent to which choices are reversible, depends on the course.

Further information is available from the Student Administration Unit at:

www.sau.uts.edu.au/enrolment/studyplan

COURSE STRUCTURE

A course structure is provided for each course. The course structure specifies the completion requirements for a particular version of a course. Changes in course completion requirements are reflected in successive course versions. However, the course requirements that apply to a student are those that applied at the time of admission to the course, unless a specific transition program has been approved by the faculty.

The course structure is shown by listing compulsory components (core components) and/or an options list. The components in both the core and the options list may be subjects (see page 29) or sub-structures (see below), such as majors, sub-majors, choice blocks or streams.

SUB-STRUCTURES

Choice blocks (CBK), streams (STM), majors (MAJ) and sub-majors (SMJ) are groupings of subjects that form part of the course structure (see above). They are collectively called sub-structures.

Sub-structures are used to specify the completion requirements for a particular course and appear in the course structure and course program of the detailed course entry.

With the exception of choice blocks, which consist entirely of an option list from which a specified number of credit points must be selected, each of these sub-structures can include core components, optional components or both. The components may be subjects or further sub-structures.

The breakdown of the subjects students are required to complete within a particular sub-structure is provided in code-numeric order in the study package directory. The credit point value of the options available is always specified but, in some cases, no subjects or only a partial list of subjects are specified under the list of valid choices. This is the case when students have considerable flexibility as to what subjects they choose. Once permission from the relevant faculty has been obtained, the chosen subject can be made available to the student by being added to the appropriate list on the student's study plan (see page 28).

COURSE PROGRAMS

In order to assist students in determining the order of enrolment in subjects, typical course programs are supplied. These are offered as suggested patterns of enrolment that enable students to satisfy the course completion requirements, taking into account factors such as subject requisites, teaching period offered, and full-time or part-time study load. Individual programs may vary from the typical course program if subject requisites are satisfied.

Following the course program allows students to complete the degree in the minimum time. Students should be aware that if the typical program is not followed, the course duration may be extended and not all subjects may be available when preferred.

In the case of combined degrees and courses with significant flexibility in major and sub-major choices, it is not feasible to publish programs for all possible pathways. Programs are presented for typical pathways, along with information that would allow the equivalent program for a different pathway to be deduced.

Not all courses have a typical program. Students in such courses need to refer to the course structure and select subjects for which they have met the requisites, constructing a program for themselves that avoids timetable clashes. The best way to do this is to identify any long requisite chains in the course and undertake subjects at the beginning of the longest chain first.

SUBJECTS

Subject descriptions include the subject number, name, credit point value and study mode. Also shown are the academic prerequisites and corequisites, if any, followed by a brief subject outline and, in some cases, details of assessment.

Credit points

Credit points are the unit of measure of workload for individual subjects. Credit points (cp) are gained by students enrolled in award courses when subjects are passed and, when accumulated, credit points form one measure of the total requirements of a course. Most subjects are 6cp or 8cp. As a standard measure at UTS, a normal full-time study load is equivalent to 48 credit points a year.

Requisites and anti-requisites

If a subject has an academic prerequisite or corequisite it will be displayed under the 'Requisite(s)' heading in the subject description.

All requisites displayed under the 'Requisite(s)' heading are prerequisites unless a lower case 'c' appears after the subject code (e.g. 78100c) which indicates that the subject is a corequisite.

If a subject has an academic anti-requisite it will be displayed under the 'Anti-requisite(s)' heading in the subject description.

There are also admission requisites and other requisites which may impact on a student's enrolment in a subject; these are available in 'Access conditions', accessible from every online subject description.

Definitions

A **prerequisite** is a subject that must be completed before enrolment in another specified subject.

A **corequisite** is a subject that must be completed either before or concurrently with another specified subject.

An **anti-requisite** is a subject/study package with substantially overlapping content as another subject/study package and which therefore cannot be undertaken by a student, for credit-point value, who has already undertaken the subject/study package for which it is an anti-requisite.

Recommended studies

Some subjects also include an indication of recommended studies, subjects or experience which students would benefit from having completed before commencing the subject. Recommended studies are not mandatory and are not enforced by the University. Students should discuss any recommended studies with their faculty.

Core subjects

Core subjects are subjects that are compulsory within a specified course or sub-structure (see page 28). Whether a subject is a core subject is dependent on the course or sub-structure in which it resides, so that a subject which is core in one course may be available as an option or elective in another.

Options lists

Many course structures (see page 28) provide the opportunity to select subjects from a specified list. Options lists present a set of subjects from which students must make choices to a specified total credit point value. Options lists may either be associated directly with a course or sit within sub-structures such as majors, sub-majors, choice blocks and streams.

Electives

Some courses provide the opportunity to select electives where the subjects chosen are not constrained to a specified list. Although it is necessary to select elective subjects to the nominated credit point value, students are able to choose which subjects to complete in order to satisfy this criteria in the course requirements. Students are able to select from a wide range of subjects offered across the University, within the constraints of the particular access conditions applying to each subject.

Subjects offered by other faculties or institutions

Students wishing to take subjects offered by other faculties or by another institution should discuss their choice of subjects with their faculty adviser.

Note: Once approved by a faculty, it is the student's responsibility to ensure all required application procedures are followed for acceptance at other institutions.

Concurrent study

Students who wish to study one or more subjects at another institution and have those subjects credited to their UTS course must complete an application for concurrent study form. Subjects successfully completed are added to the student's record at UTS as a subject exemption. No mark is recorded and the subjects do not contribute to the calculation of level of award or grade point average. The application form is available at:

www.sau.uts.edu.au/forms

Assessment

Assessment varies from subject to subject. Assessment items can include class presentations; reflective reviews and journals; research papers; case studies; simulations and role-plays; in-class tests; discussion papers; assignments, reports and essays; and final examinations, faculty-based examinations and take-home examinations. Assessment often involves both individual and group work. Detailed assessment requirements, including weighting of assessment items, due dates and arrangements for collection and return of assessment items, are set out, where available, in subject outlines, which are distributed by subject coordinators by the end of the first week of teaching. Students should check with their faculty for any other specific assessment guidelines.

The UTS policy and procedures for the Assessment of Coursework Subjects are available at:

www.gsu.uts.edu.au/policies/assessment-coursework.html

Postgraduate research assessment

The majority of research degrees are undertaken wholly by thesis. A master's (research) is normally a work of around 40,000 words and is examined by two appropriate examiners, at least one of whom is external to UTS. A doctoral degree is normally a work of 80,000–100,000 words and is examined by three appropriate examiners, at least two of whom are external to UTS. Further information is available from the UTS: Graduate Research School at:

www.gradschool.uts.edu.au

ACADEMIC UNITS OFFERING COURSES AND SUBJECTS

In addition to the eight faculties and schools, the following academic units also offer courses and subjects at UTS.

CENTRE FOR LOCAL GOVERNMENT

The objective of the Centre for Local Government is to support the advancement of local government through continuing professional education and training, research and specialist consulting services. In Australia and internationally, the centre works collaboratively with local government associations, professional institutes and state and federal government departments.

The centre is a major provider of continuing professional education for local government in New South Wales. Education and training programs are offered throughout the state and have a strong emphasis on workplace learning and high-quality, up-to-date content. In addition, the centre regularly undertakes applied research, training programs and consultancies for all spheres of government, individual councils and regional groups of councils, across a wide range of activities. Significant contributions are made to the international development of local government through professional education courses and joint programs with partner organisations in the Asia-Pacific region, South Africa and elsewhere.

The centre offers a Graduate Diploma in Local Government Management (C06033) (see page 387), which is delivered largely in flexible, workplace-based modules, as well as a Graduate Certificate in Development Assessment (C11204) (see page 455) and a Graduate Certificate in Local Government Leadership (C11215) (see page 459).

Further information is available from:

Gabrielle Watterson Administrative Officer CB10.06.400 City campus, Broadway telephone +61 2 9514 1659 fax +61 2 9514 2274 email clg@uts.edu.au www.clg.uts.edu.au

INSTITUTE FOR SUSTAINABLE FUTURES

The Institute for Sustainable Futures works with industry, government and the community to develop sustainable futures through project-based research.

The institute's mission is to create change towards sustainable futures. Its objectives are to:

- be a world leading sustainability research institute
- support communities, government and business to create their own change towards sustainable futures
- deliver a cutting edge transdisciplinary postgraduate research program in sustainable futures
- progress public dialogue as well as motivate and facilitate action
- be an exemplar of participation within the UTS community
- value and enrich a supportive and sustainable workplace.

Further information is available at:

CB10.11

City campus, Broadway telephone +61 2 9514 4950 fax +61 2 9514 4941 email isf@uts.edu.au www.isf.uts.edu.au The institute offers a Doctor of Philosophy in Sustainable Futures (C02037) (see page 478) and a Master of Sustainable Futures (Research) (C03032) (see page 491) to both local and international students. The institute does not offer coursework degrees.

Applications for postgraduate research places are subject to the same criteria as applications to any UTS course.

Further information on the University's requirements for postgraduate applications and on scholarships and fees is available from the UTS: Graduate Research School:

www.gradschool.uts.edu.au

The UTS: Graduate Research School provides a range of researcher development courses and activities for currently enrolled research students, early career researchers and supervisors. More information is available at:

www.gradschool.uts.edu.au/researcher-skills

International applicants should contact UTS International. www.uts.edu.au/international

Inquiries

The institute's website provides an outline of the postgraduate program and the steps required to proceed with an application to study at ISF. The institute receives many more applications than places available, so it is important to contact them early and to follow the application processes outlined on their website:

www.isf.uts.edu.au/postgrads

UTS SHOPFRONT

UTS Shopfront is a University-wide program that acts as a gateway for community access to UTS. It links disadvantaged and underresourced community groups to University skills and professional expertise on a pro bono basis.

As part of the University's academic program, UTS Shopfront runs a community research elective which is available to all students in all undergraduate and postgraduate courses (with faculty and UTS Shopfront approval).

Students should consult their faculty before enrolling in these subjects.

Undergraduate

• 50294 Community Research Elective (UG) 8cp

Postgraduate

• 57993 Community Research Elective (PG) 8cp

UTS Shopfront CB01.16 – Building 1, level 16 City campus, Broadway telephone +61 2 9514 2903 www.shopfront.uts.edu.au

SCHOLARSHIPS, ASSISTANCE AND FEES

SCHOLARSHIPS

UTS offers many scholarships annually to thousands of UTS students. Scholarships vary considerably in terms of their purpose, eligibility criteria and amount.

The scholarship search facility is available at:

http://datasearch.uts.edu.au/study/scholarships

Vice-Chancellor's scholarships

In 2013, UTS awards the Vice-Chancellor's scholarships to current school leavers, valued at \$12,500 a year for the duration of the full-time course.

- The Vice-Chancellor's Outstanding Achievement Scholarships are awarded for academic excellence in high school. The scholarships were awarded to five current school leavers in 2012 with an ATAR of 99.7 and above.
- The Vice-Chancellor's Merit Scholarships are awarded to students demonstrating academic excellence in high school (ATAR of 90 or above) and financial need. The scholarships were awarded to five current school leavers in 2012. Applicants must demonstrate financial disadvantage by applying for an Equity Scholarship through the Universities Admissions Centre (UAC) (www.uac.edu.au/equity).

Further information on the Vice-Chancellor's scholarships is available from:

UTS Scholarships Office

telephone +61 2 9514 2527

email scholarships@uts.edu.au

http://datasearch.uts.edu.au/study/scholarships

Vice-Chancellor's Indigenous Undergraduate Tuition Fee Scholarships

UTS awards the Vice-Chancellor's Indigenous Undergraduate Tuition Fee Scholarships to recognise academic excellence in the final year of school. These scholarships are awarded to Australian Aboriginal or Torres Strait Islander students to cover tuition fees for the duration of an undergraduate course.

Further information is available from Jumbunna Indigenous House of Learning at:

www.jumbunna.uts.edu.au

Faculty-specific scholarships

Faculty-specific scholarships are offered for specific courses. Some examples are:

- Dean's scholarships are prestigious faculty scholarships for top-performing ATAR students. These scholarships are valued at up to \$10,000 per annum for the duration of the full-time undergraduate degree.
- Co-operative scholarships are sponsored by industry and combine financial benefits with the possibility of valuable industry placement. UTS offer cooperative scholarships in these courses: Bachelor of Accounting, Bachelor of Information Technology, Bachelor of Engineering Diploma in Engineering Practice.

Search for these and other faculty-specific scholarships at: http://datasearch.uts.edu.au/study/scholarships

UTS Diversity Access Scholarships

UTS Diversity Access Scholarships are offered to UTS undergraduate and postgraduate students in situations of financial hardship. These scholarships are one-off payments valued between \$600 and \$2500. Recipients may apply each semester that they are eligible.

Eligibility information is available at:

http://datasearch.uts.edu.au/study/scholarships

Commonwealth scholarships

The Commonwealth Government awards **Student Start-Up Scholarships** and **Relocation Scholarships** to eligible students receiving a Centrelink student support payment (Youth Allowance, Austudy or Abstudy). Further information is available through Centrelink at:

www.humanservices.gov.au

On behalf of the Commonwealth Government, UTS administers the Indigenous Access Scholarship, Indigenous Commonwealth Accommodation Scholarship and the Indigenous Commonwealth Education Costs Scholarship for Indigenous students.

Further information on these scholarships is available from:

http://datasearch.uts.edu.au/study/scholarships

Postgraduate research scholarships

All permanent residents/citizens of Australia applying for a higher research degree can apply for a postgraduate research scholarship. These scholarships are usually living allowance stipends which provide periodical payments to students while they are studying.

Further information on research scholarships is available from the UTS: Graduate Research School at:

www.gradschool.uts.edu.au

Scholarships for international students

UTS offers scholarships for:

- incoming international students
- current UTS students who wish to pursue studies overseas through the Global Exchange program
- current students enrolled in undergraduate, postgraduate coursework and postgraduate research studies.

All scholarship applications are competitive. They are open to international students who meet the specific scholarship selection criteria and who have received or are eligible to receive admission to a course at UTS.

Search for international student scholarships at:

http://datasearch.uts.edu.au/study/scholarships

FINANCIAL ASSISTANCE

Study Assist

The Australian Government's Study Assist website provides information about fees, loans and scholarships associated with study at university. It also contains information about higher education reforms that affect students.

www.studyassist.gov.au

HECS-HELP

Since 1 January 2005, Commonwealth-supported places have replaced HECS places. Eligible students have access to HECS-HELP assistance. This allows eligible students to request a HECS-HELP loan and defer payments through the Australian Taxation Office, or to receive a HECS-HELP discount for upfront payments over \$500.

Further information for Commonwealth-supported students is available at:

www.studyassist.gov.au

FEE-HELP

FEE-HELP is a loan scheme for eligible full-fee-paying domestic students. Under this scheme students can borrow up to the amount of the tuition fees being charged for units of study. Over a lifetime the FEE-HELP maximum limit is currently \$93,204. Students who access FEE-HELP for a full-fee undergraduate place also incur a 25 per cent loan fee.

Further information on FEE-HELP is available at:

www.studyassist.gov.au

SA-HELP

Eligible students who do not wish to pay the student services and amenities fee up front to the University, can request assistance and defer the fee through SA-HELP, a new element of the Higher Education Loan Program (HELP).

Further information on SA-Help and the student services and amenities fee is available at:

www.sau.uts.edu.au/fees/other/service.html

Commonwealth Higher Education Student Support Number (CHESSN)

All Commonwealth-supported students and FEE-HELP students are issued with a Commonwealth Higher Education Student Support Number (CHESSN). The CHESSN is a unique identifier that tracks an individual's use of Commonwealth assistance. As a condition of enrolment, students provide informed consent for the University to share their personal information with the Department of Industry, Innovation, Science, Research and Tertiary Education, so that the University can comply with legislative requirements. The information provided by students is used to generate the CHESSN. The CHESSN stays with students for their academic life.

Students can access their information using their CHESSN via myUniAssist at:

www.studyassist.gov.au

OS-HELP

OS-HELP is a loan scheme that helps eligible Commonwealthsupported students undertake some of their study overseas. The scheme provides up to \$6051 (in 2013) per six-month study period for up to two study periods to help students with a range of expenses such as airfares and accommodation.

Further information on OS-HELP is available at: www.ssu.uts.edu.au/globalexchange/scholarships.html

Centrelink benefits

The Australian Government's benefits for tertiary students are administered by Centrelink and are income and assets tested:

- Austudy (for students aged 22 and over on 1 January 2012)
- Dependent Youth Allowance (assessed on the parents' income and assets; for students up to 22 years who have not met the independence criteria)
- Independent Youth Allowance (for students up to 22 years, who have satisfied the independence criteria).
- Abstudy (see below).

In 2010 significant changes to the eligibility requirements and payment schedules were introduced. Eligibility and registration details for all Centrelink benefits are available from Centrelink at:

www.humanservices.gov.au

Registering students need to provide supporting documents to Centrelink as soon as possible. The first benefit payment for an eligible full-time student is backdated to the date of registration with Centrelink.

Commonwealth legislation sets strict requirements for Austudy and Youth Allowance over which the University has no control.

Students receiving Austudy or Youth Allowance must be enrolled in a minimum of 18 credit points a semester. They need to advise Centrelink if they drop subjects during semester, and with less than 18 credit points they are no longer eligible for the benefits. Exceptions may be made for students with disabilities or ongoing illnesses that impact on their studies, students who are single supporting parents or, in exceptional cases, those who are required by the University to undertake a reduced study load.

The financial assistance service at UTS provides a guide to Centrelink benefits for students at:

www.ssu.uts.edu.au/fassist

The financial assistance service may also be able to assist students who are experiencing financial difficulties associated with eligibility for Centrelink benefits. Contact the service at:

City campus, Broadway telephone +61 2 9514 1177 Kuring-gai campus telephone +61 2 9514 5342

Abstudy

Abstudy assists Aboriginal and Torres Strait Islander tertiary students by providing income support and other assistance.

Further information is available from Jumbunna Indigenous House of Learning at:

CB01.17

City campus, Broadway telephone +61 2 9514 1902 or 1800 064 312

www.jumbunna.uts.edu.au

The financial assistance service provides a guide to Abstudy at: www.ssu.uts.edu.au/fassist/centrelink/abstudy.html

International loan schemes

International students from some countries may apply for government funded and private education loans to support their studies in Australia. UTS International can provide documentation and advice to eligible students. Further information is available at:

www.uts.edu.au/international

Students from Canada, Sweden, Norway, the United Kingdom and the United States may apply for education loans from government departments in their home countries. International students who have the support of a co-borrower who is either a citizen or permanent resident of the United States can access private education loans.

UTS also accepts students who are eligible for a range of US Veteran's Educational Benefit Programs.

Further information on educational loans is available from the loans scheme coordinator:

email usfinaid@uts.edu.au

UTS financial assistance

UTS provides scholarships (see page 31) and a range of other financial assistance. Contact Student Services for more information: email student services@uts.edu.au

FEES AND COSTS

Course and subject fees

Undergraduate fees (domestic)

In 2013 UTS offers Commonwealth-supported places to all commencing undergraduate students. Continuing students enrolled prior to 2013 in full-fee-paying places will maintain their full-fee place, as will international students who become permanent residents.

The government makes a substantial contribution towards the cost of Commonwealth-supported students' education, and the balance is paid through student contributions. Students who are eligible may access HECS-HELP (see page 31). UTS determines the student contribution amount for each subject within the ranges set by the Australian Government.

Continuing full-fee-paying (non-Commonwealth-supported) domestic students must meet the full cost of their education themselves. However, students may be eligible to access the FEE-HELP loan scheme. Students who use FEE-HELP (see page 31) for a full-fee-paying undergraduate course incur a loan fee, to the value of 25 per cent of the loan.

Further information on fees is available at:

www.sau.uts.edu.au/fees

Postgraduate fees (domestic)

For most postgraduate courses by coursework, students are charged tuition fees. A small number of courses are offered as Commonwealth-supported places.

Approved fees for UTS postgraduate award courses are listed in the annual fees schedule. Postgraduate students enrolled in a full-fee-paying place may be eligible to access FEE-HELP (see page 31).

Research degrees are offered on a sponsored, scholarship or full-feepaying basis. Research students who qualify for a Research Training Scheme place are exempt from postgraduate course fees. Further information is available from the UTS: Graduate Research School at: www.gradschool.uts.edu.au

Payment amounts

All students at UTS pay tuition fees to contribute towards the cost of their studies. The exact amount depends on:

- what type of student you are
- the subjects you enrol in, and their credit-point value
- the course you are studying.

Details of all fees are available via the Tuition Fee Calculators at: www.sau.uts.edu.au/fees/calculators.html

Consequences of non-payment of fees

Students who have not paid all due fees and charges by the published final date for payment are liable for a late payment fee. These students are also unable to receive examination results, change their enrolment program, access their UTS computer account or graduate. Students may also have their enrolment in a course cancelled. Students who wish to recommence their studies must then apply through the formal admissions process. Readmission is not guaranteed.

Annual fee increases

Fees increase annually and students should anticipate a fee increase each year. They are set annually by the federal government's Department of Industry, Innovation, Science, Research and Tertiary Education for Commonwealth-supported places and by the University for full-fee-paying places. Any projections regarding the tuition fee cost of obtaining a degree need to incorporate annual fee increases. As the University's costs increase each year, fees are adjusted annually to ensure a high standard of teaching and to enhance the student experience while keeping the cost to the student as affordable as possible.

Student services and amenities fee

In 2013 all domestic students will be required to pay a student services and amenities fee (SSAF) each semester. The SSAF contributes to the provision of amenities and non-academic services for students.

Eligible students may apply to defer this fee through SA-HELP.

Further information is available at:

www.sau.uts.edu.au/fees/other/service.html

Other costs

Students may incur other costs while studying at UTS. These may include books, printed sets of reading materials, photocopying, equipment hire, the purchase of computer software and hardware, and internet services.

Some subjects may incur an additional cost where travel away from the University is involved.

International student fees and costs

Course fees for international students are available from UTS International at:

www.uts.edu.au/international/prospective/studying/fees

Semester fees are subject to increase each academic year, usually between 4–6 per cent.

International students should be aware that, in addition to their course fees, they also need to set aside funds for living expenses. UTS estimates that an international student requires a minimum of A\$14,786 to A\$25,680 for living expenses for each academic year. It is a requirement of the Department of Immigration and Citizenship that, from 1 July 2012, prospective overseas students demonstrate that they have access to at least A\$18,610 a year to fund their living costs in Australia.

There may also be other costs associated with their period of study, including textbooks and other course materials. International students who have school-age dependants need to take into consideration expenses for their dependants during the time they are living in Sydney, including school fees. Further information is available at:

www.uts.edu.au/about/sydney/cost.html

From 2014 all international students will be required to pay a student services and amenities fee (SSAF) each semester they are enrolled. The SSAF contributes to the provision of amenities and non-academic services for students. As an estimation of the cost, in 2012 the SSAF was A\$131.50 a semester for full time students (those enrolled with a study load of 18 credit points or higher a semester). SSAF is subject to annual government set indexation increase and is therefore likely to be higher in 2014.

Further information is available at:

www.sau.uts.edu.au/fees/other/service.html

SERVICES AND FACILITIES

SUPPORT FOR STUDENT LEARNING

Student services

The Student Services Unit provides a range of professional services to support different aspects of student life and learning at UTS.

telephone +61 2 9514 1177 fax +61 2 9514 1172 email student.services@uts.edu.au www.ssu.uts.edu.au

Orientation

UTS offers a free program of activities and a series of integrated study success lectures before semester begins to help new students manage the transition to university study. There are specially tailored components for part-time, postgraduate and international students, and recent school leavers.

www.orientation.uts.edu.au

Peer network

The peer network program enlists the aid of existing students to assist with the orientation of new students. Both undergraduate and postgraduate students can get involved.

www.ssu.uts.edu.au/peernetwork

Careers

The careers service at City campus offers career guidance and assists with job placement for students seeking permanent, casual or vacation work.

telephone +61 2 9514 1471 www.careers.uts.edu.au

Chaplaincy

Visiting chaplains and multi-faith centre rooms are available to students. Chaplains come from a number of different faith traditions including different Christian denominations, Buddhism, Judaism and Islam.

telephone +61 2 9514 2523 www.ssu.uts.edu.au/chaplaincy

Counselling

Counsellors are available at both City and Kuring-gai campuses. The service is free of charge and confidential.

City campus telephone +61 2 9514 1177

Kuring-gai campus telephone +61 2 9514 5342 www.ssu.uts.edu.au/counselling

English language and academic literacy

Higher education language and presentation support staff assist students with workshops, one-on-one and group consultations, and drop-in support for developing English language, academic writing, academic presentation and conversation skills. These services are free of charge. In between teaching periods, they provide workshop programs on academic writing, tutorial presentation and pronunciation at a nominal cost.

telephone +61 2 9514 1177 www.ssu.uts.edu.au/helps

Financial assistance

Financial assistance staff assist students with personal financial matters, student loans, Youth Allowance, Austudy and other Centrelink benefits. Students on low incomes may be eligible for grants and assistance in relation to computer access.

telephone +61 2 9514 1177 www.ssu.uts.edu.au/fassist

Health

Experienced male and female doctors from diverse backgrounds and clinical interests are available at City campus.

telephone +61 2 9514 1177 email Liza.Head@uts.edu.au www.ssu.uts.edu.au/health

Housing

University housing offers four residences to students, all within easy access to City campus. The housing service also provides assistance to students in locating short-term and long-term accommodation in the private rental and share accommodation market.

telephone +61 2 9514 1529 email Amit.Mitra@uts.edu.au www.housing.uts.edu.au

Special needs

The University has a range of services and procedures to improve access for students with special needs. The special needs service is the central point of contact for students with disabilities and ongoing illnesses or conditions that affect their studies. Consultations with special needs staff about the physical environment, course requirements and the services available can be made well ahead of enrolment, or at any time during enrolment.

Many UTS courses require students to successfully undertake fieldwork, internships and work-integrated learning. UTS is committed to making education accessible and endeavours to accommodate the needs of students with disabilities and illnesses to the greatest extent possible.

Students who have a disability that may affect their participation in work-integrated learning components of their course should discuss this with special needs service staff prior to enrolment. The academic liaison officer within the student's faculty should be contacted for advice as necessary.

telephone +61 2 9514 1177 fax +61 2 9514 1172 email special.needs@uts.edu.au www.ssu.uts.edu.au/sneeds

Peer-assisted learning

UTS: Peer Assisted Study Success (U:PASS) is a peer-based learning program designed to assist students undertaking difficult subjects. U:PASS is offered in selected subjects across several faculties. Students meet in small study groups facilitated by peer leaders who have recently completed the subject and achieved high grades. U:PASS sessions are free, informal and responsive to students' different abilities and needs.

www.ssu.uts.edu.au/peerlearning

Computing facilities at UTS

UTS provides computer facilities for students at City and Kuring-gai campuses. There are over 1300 computers in computer lab and open spaces. There are also group pods for group work activities.

Open spaces have audio visual equipment, desk spaces for setting up a laptop, Wi-Fi connectivity and networked computers.

Student printing

Students can print and scan using the computer labs. There is also printing available from open space computers. As well as printing from a general access computer, students can print from any device by using the MyPrint facility. Details on how to use MyPrint can be found on the service desk knowledge base.

IT Support Centres

Students can get IT help from an IT Support Centre by phone, in person or online.

By phone

telephone +61 2 9514 2222

8am-9.30pm Monday to Friday and 9am-5pm Saturday and Sunday

In person

City campus, Broadway

CB02.04.12

9am-9.30pm Monday to Friday and 9am-5pm Saturday and Sunday

City campus, Haymarket

CM05C.01.41

9am-9.30pm Monday to Friday only

Online

Students can submit requests for assistance or search the IT knowledge base using the UTS Service Desk:

https://servicedesk.uts.edu.au

IT services and facilities on campus

Specific information about the full breadth of services, facilities, locations, contacts, IT use policies and email system is available at: www.itd.uts.edu.au

Computer training

In general, where computer training is a necessary part of a Commonwealth-supported place course, it is provided as part of that course. Students can also consult the Mathematics and ICT Study Centre (see page 36).

IT policies and guidelines

The University's electronic mail services are a part of the University's facilities and are intended for teaching, learning, research and administration in support of the University's mission.

The UTS Email Policy outlines appropriate use of, and access to, UTS email accounts:

www.gsu.uts.edu.au/policies/emailpolicy.html

The Guidelines for the Use of Email complement the UTS Email Policy, and should be read in conjunction with this policy:

www.gsu.uts.edu.au/policies/emailguidelines.html

The Acceptable Use of Information Technology Facilities Policy applies to all UTS IT facilities, including email accounts:

www.gsu.uts.edu.au/policies/itfacilities.html

Copyright at UTS

Downloading and / or copying copyright-protected material is illegal. Information about copyright laws is available at:

www.lib.uts.edu.au/about-us/policies-guidelines/copyright-and-uts

Bridging courses

Chemistry bridging course

For first-year chemistry subjects, it is strongly recommended that students have either performed well in HSC chemistry (i.e. band 5 or 6) or have some other suitable prior knowledge. UTS Bridging Chemistry is a bridging course designed to prepare students without such prior knowledge for the study of chemistry at tertiary level. The course includes lectures and demonstrations, tutorial and problem-solving sessions, self-paced learning and laboratory experiences.

UTS: Science, Academic Administration City campus, Broadway telephone +61 2 9514 9985 fax +61 2 9514 1656

email science.admin@uts.edu.au

Mathematics bridging subjects

The Mathematics and ICT Study Centre (see page 36) provides bridging subjects for students who need mathematics, statistics and basic computing skills for their studies at UTS. If groups of students have particular needs, centre staff can design a bridging subject specifically to meet these needs.

Bridging Mathematics: Day and evening classes are available.

- The Algebra and Functions course is a one-week course designed mainly for students who have not studied Year 11 or 12 Mathematics (2 unit). It is suitable for students who studied General Mathematics at the HSC and are enrolling in courses in business, biological sciences, building and architecture. It is an introduction to basic topics. It is suggested that students also take Introduction to Calculus.
- The Introduction to Calculus course is a one-week course designed mainly for students who have not studied Year 11 or 12 Mathematics (2 unit). It is suitable for students who studied General Mathematics at the HSC and are enrolling in courses in business, biological sciences, building and architecture. It is strongly suggested that students take Algebra and Functions before taking this course.
- The Maths Extension 1 course is a two-week course designed for students who studied Mathematics (2 unit) at the HSC. It is not suitable for students who studied General Mathematics at the HSC.

These courses offered are free for UTS students and carry no equivalent full-time student load (EFTSL) value.

Mathematics Preparation for Nursing: This subject is run during the evening in February. It gives a general introduction to mathematics and science for students entering nursing courses. This subject is free of student contribution amounts and carries no EFTSL value. If there is demand for it, the subject may also be run in July.

Mathematics Bridging for Education: This subject is run in February to assist students entering primary education courses. It is free of student contribution amounts and carries no EFTSL value. If there is demand for it, the subject may also be run in July.

Foundation Mathematics: This subject runs in both Autumn and Spring semesters. It covers much of the content of the Mathematics (2 unit) HSC course and some elements of the Mathematics Extension 1 HSC course, and prepares students for entry into courses that require mathematical skills, such as business; design, architecture and building; engineering; information technology; and science. Students who wish to enrol at the University in the following year are encouraged to take the subject as a non-award subject.

Dr Mary Coupland City campus, Broadway telephone +61 2 9514 2241 email Mary.Coupland@uts.edu.au

Physics bridging course

This course is a short introduction to studying physics, designed primarily for students enrolling in engineering or physical sciences (applied chemistry, applied physics, forensic science, nanotechnology) degrees at UTS who have limited background in physics. The course does not attempt to cover HSC physics, but it provides useful advice and background knowledge to assist with tertiary study at UTS.

This course benefits students who are:

- recent school leavers who did not complete HSC physics
- $\bullet \qquad \text{mature-age students returning to study after an extended period} \\$
- not strong at mathematics (band 4 or below in HSC mathematics).

Students who have done HSC physics and have reasonable mathematical ability are advised not to do the bridging course as they will have sufficient background for first-year physics subjects.

This course is not suitable for students intending to take an entry examination where physics forms part of the examination, for example the GAMSAT examination.

Dr Jurgen Schulte City campus, Broadway telephone +61 2 9514 2206 fax +61 2 9514 2219 email Jurgen.Schulte@uts.edu.au

Academic liaison officers

Each faculty has at least one academic liaison officer (ALO) who is a member of academic staff. ALOs can approve requests for adjustments to assessment arrangements for students with disabilities or ongoing illnesses. ALOs are also contacts for students who experience difficulties because of carer responsibilities.

Students are encouraged to see the special needs service (see page 34) before contacting an ALO.

Further information is available from the relevant faculty or at: www.ssu.uts.edu.au/sneeds/services/assessment/alo.html

STUDENT LEARNING CENTRES

Chemistry Learning Centre

The Chemistry Learning Centre assists students in their chemistry learning in undergraduate courses in the faculties of Business; Engineering and Information Technology; Health; and Science. The centre is open as demand requires. The centre is staffed by academic staff from the School of Chemistry and Forensic Science. Notices detailing the opening times and personnel on duty are posted as necessary.

For further information, contact:

Era Koirala CB04.4.31E

City campus, Broadway telephone +61 2 9514 1787

email Era.Koirala@uts.edu.au

www.science.uts.edu.au/facilities/centre/chemistry.html

Jumbunna Indigenous House of Learning

Jumbunna Indigenous House of Learning provides a central meeting place for Australian Indigenous students studying at UTS. At Jumbunna, Indigenous students, staff and researchers are committed to improving education and research outcomes that benefit Indigenous communities. Jumbunna focuses on:

- activities that support the recruitment, retention and graduation rates of Indigenous Australians
- activities that support the teaching and learning issues of Indigenous students and the promotion of Indigenous studies within the University
- research and advocacy of issues of concern to the Indigenous community.

Student services

Jumbunna Indigenous Student Services provides a range of academic and learning support programs to Indigenous students studying at UTS. Services and facilities available to students include academic and fully funded tutorial assistance, a range of programmed cultural activities, group and private study areas, student common room and kitchen, and two computer laboratories at City and Kuring-gai campuses.

CB01.6 – Building 1, level 6 City campus, Broadway telephone +61 2 9514 1902 or 1800 064 312 (tollfree) fax +61 2 9514 1894

KG02.4.47 – Building 2, level 4, room 47 Kuring-gai campus email jumbunna@uts.edu.au www.jumbunna.uts.edu.au

Mathematics and ICT Study Centre

The Mathematics and ICT Study Centre offers free assistance with mathematics, statistics and basic computing to students from all faculties. The centre can also assist students with common computing packages such as wordprocessing, spreadsheets, presentation managers, Mathematica, Minitab and SPSS.

The centre runs subjects to assist with particular courses, for example, mathematics for nursing, and workshops such as examination preparation workshops for specific mathematics subjects. Support tutorials are run by staff from the centre in selected undergraduate subjects. The centre also runs short bridging courses (see page 35) in mathematics, statistics and computing. Centre staff are active in education research and the development of resources.

Dr Mary Coupland, Director CB01.16.15 (drop-in centre) City campus, Broadway telephone +61 2 9514 2241 email Mary.Coupland@uts.edu.au

KG02.2.51

Kuring-gai campus

www.science.uts.edu.au/facilities/centre/maths.html

Physics Learning Centre

The Department of Physics and Advanced Materials operates a dropin Physics Learning Centre (as demand requires). Academic staff members are available at certain times during the semester to assist students with problems they have with their first-year physics studies.

Dr Jurgen Schulte CB01.12.38 City campus, Broadway telephone +61 2 9514 2206 fax +61 2 9514 2219

email Jurgen.Schulte@uts.edu.au

www.science.uts.edu.au/facilities/centre/physics.html

UTS LIBRARY

UTS has two campus libraries, the City Campus Library and the Kuring-gai Campus Library. UTS is widely recognised as providing library services and facilities that are innovative, creative and user-focused. UTS Library offers numerous online and on-campus services, facilities and resources to support the University's educational and research programs. It provides access to an extensive range of electronic resources including more than 46,000 full-text e-journals (unique titles), over 98,000 e-books, and a collection of approximately one million books, journals and audiovisual items.

Many library services are available online via the library's website, 24 hours a day. These include the catalogue, subject resources, tutorials, tours and workshops, referencing and writing, borrowing, renewals, BONUS+, and Ask a Librarian. These can also be accessed through any of the library's 420 computers. The library is now on Facebook, Twitter, YouTube, Foursquare and Flickr.

Facilities on both campuses include individual and group study areas, silent study rooms, discussion and group presentation rooms, a special needs room with adaptive equipment and software, wireless connection zones for laptops, printing and photocopying, express catalogues, self-service loans machines and computer availability checking machines. Library staff provide face-to-face assistance at service points in the library and deliver a comprehensive information skills training program throughout the semester.

The Scholars' Centre, International Cultural and News Centre, Australian Culture Lounge, Baya Ng'ara Nura Learning Place and Create Space are located in the City Campus Library, and the Olympic and Event Studies Room and James O'Brien Room are available for student use at the Kuring-gai Campus Library.

Further information is available at: www.lib.uts.edu.au

CAMPUS LIFE

Child care

UTS Child Care Inc. (UTSCC) coordinates all childcare services at UTS. Hours of operation are 8am to $6.30\,\mathrm{pm}$ at City campus and $7.45\,\mathrm{am}$ to $6.15\,\mathrm{pm}$ at Kuring-gai campus.

Care is available for 0-5 year olds throughout the year. Child care can be accessed on a full-time or part-time basis.

UTS Child Care centres charge a fee comparable to other childcare centres. It is strongly suggested to contact the childcare centre as early as possible as waiting lists may exist. UTS staff and students may be eligible for a number of subsidies to assist with the cost of child care.

Waiting list application forms can be submitted at:

www.childcare.uts.edu.au

Magic Pudding Child Care Centre corner of Mary Ann and McKee streets, Ultimo

City campus

telephone +61 2 8289 8401

Blackfriars Children's Centre

4-12 Buckland Street, Chippendale

City campus

telephone +61 2 9514 2959

Kids' Campus Children's Centre

Eton Road, Lindfield

Kuring-gai campus

telephone +61 2 9514 5105

www.childcare.uts.edu.au

Co-op Bookshop

The Co-op is a membership-based, not-for-profit organisation, dedicated to providing the widest range of learning resources for its members at the best possible prices. For a one-off \$20 joining fee, members receive:

- lifelong Co-op membership
- $\bullet \qquad \text{free delivery within Australia (standard Australia Post delivery)} \\$
- everyday member prices
- online savings through the Apple Store for Education
- member-only email offers
- monthly online competitions
- special promotions and pricing
- online savings of up to 50 per cent on phones, tablets, technical items and games.

The Co-op Bookshop has more than 50 years experience and branches located around Australia. Online shopping is available with free standard delivery in Australia. The Co-op Bookshop is at both UTS City and Kuring-gai campuses and stocks all UTS text and recommended readings, along with a great range of fiction and non-fiction titles, software, calculators, and gifts.

3 Broadway (corner of Broadway and Harris Street)

City campus, Broadway telephone +61 2 9212 3078

email uts@coop-bookshop.com.au

Nursing, Midwifery and Health Specialist Store

Shop 4, Level 2, Bldg 10

235 Jones Street, Ultimo

telephone +61 2 9281 6472

Eton Road, Lindfield

Kuring-gai campus

telephone +61 2 9514 5318

 $email\ utskuringgai@coop-bookshop.com.au$

www.coop-bookshop.com.au

Radio 2SER (107.3 FM)

2SER is a community radio station, offering a diverse range of programs, which are mostly provided by volunteers. The station broadcasts 24 hours a day and is heard throughout Sydney on 107.3 FM, digital radio and mobile apps. The station is jointly owned by UTS and Macquarie University, and actively encourages student participation.

The station's main studios are located on Broadway, Ultimo (in the Terraces), next to the Co-op Bookshop.

More information and information about becoming involved with 2SER is available at:

www.2ser.com

Students' Association

The Students' Association (SA) is the representative body for students at UTS. It represents all students of the University on welfare and education issues.

The Students' Representative Council (SRC) is the group of elected students that enacts, directs and coordinates the work of the SA. Every UTS student has the right to stand for election to the SRC and to vote in the annual elections.

The University supports the existence of professional advocacy staff, for academic and non-academic appeals and to run the peer tutor scheme.

The SA also operates a second-hand textbook shop, a free weekly breakfast, the Bluebird Brekkie Bar, a student newspaper, *Vertigo*, and it facilitates student support by providing various information, education and action campaigns to benefit students. The Students' Association, with the University, has also opened a free legal service for all UTS students.

The Students' Association is home to a number of collectives that run campaigns and hold regular events and meetings.

Further information is available at:

CB01.3

City campus, Broadway

telephone +61 2 9514 1155

KG02.4

Kuring-gai campus

telephone +61 2 9514 1155

www.sa.uts.edu.au

UTS Gallery and Art Collection

UTS Gallery fosters innovative contemporary art, cutting edge design and social inquiry by leading and early career practitioners. As a forum to explore new ideas and culturally diverse perspectives, the gallery expresses the spirit of UTS. Situated on Harris Street in the Faculty of Design, Architecture and Building, UTS Gallery is an exciting place where creativity and technology meets. The vibrant exhibition program is accompanied by publications, talks, forums, performances, workshops and an annual artist-in-residence.

UTS Art Collection comprises over 1000 artworks in its permanent and loan collections in a variety of styles and media, most notably post-1960s paintings, prints and photography. Collection staff provide curatorial services and displays of quality Australian art as an integral element of a vibrant, inclusive campus.

CB06.4

City campus, Broadway

telephone +61 2 9514 1652

fax +61 2 9514 1228

email utsgallery@uts.edu.au

www.utsgallery.uts.edu.au

UTS Union Ltd

The UTS Union is a hub for student engagement and activity. The Union provides students with access to over 100 social and sporting clubs which students can join and be a part of. In addition, the Social Programs team facilitates the creation of new clubs in conjunction with students each semester.

To assist students with the transition to life at UTS, the Sporting and Social Programs teams provide students with a diverse range of activities and events that encourage interaction and engagement within the wider UTS community. Activities available to students range from tours to semester parties to sporting teams and university games championships.

Spanning the two UTS campuses, the Union provides discounted food and beverage facilities, retail outlets and fitness amenities for the benefit of UTS students and staff. Full details are available on the UTS Union website.

CB01.6.08

City campus, Broadway telephone +61 2 9514 1444 fax +61 2 9514 1636 email unionoffice@uts.edu.au www.utsunion.uts.edu.au

UTS Haberfield Club Ltd Dobroyd Parade Haberfield telephone +61 2 9797 9523 email unionoffice@uts.edu.au www.utshaberfieldclub.com.au

UTS Fitness Centre

The Union operates the UTS Fitness Centre, which includes a state-of-the-art cardio theatre, an extensive range of weight training equipment, and multipurpose spaces for group exercise classes and circuit training. Adjacent to the fitness centre is the new Multi-Purpose Sports Hall, which the Union manages on behalf of UTS.

CB04.1

733 Harris St

City campus, Broadway telephone +61 2 9514 2444 email info@utsfitness.com.au www.utsunion.uts.edu.au/fitness

SAFETY, SECURITY AND SUSTAINABILITY

Safety and security

The University is committed to providing a safe and healthy workplace for students, staff and visitors. Students and staff must take reasonable care of themselves and others, cooperate with actions taken to protect health and safety and not wilfully place at risk the health, safety or wellbeing of others.

Emergency procedures

Report emergencies to security (24 hours) by dialling 6 from any internal telephone or 1800 249 559 from mobile phones.

Evacuation procedures, including an emergency evacuation video, are available at:

www.fmu.uts.edu.au/security/emergencies/evacuation.html

First aid and health service

See the first aid poster in your work or study area for the name, location and phone number of first aid officers. If there is no first aid officer nearby, contact security (24 hours) by dialling 6 from any internal telephone or 1800 249 559 from mobile devices. All security officers are trained in first aid.

The UTS Health Service at City campus, Broadway provides a confidential general medical practice for students and staff. Appointments can be made on:

telephone + 61 2 9514 1177

Hazard, accident/incident reporting

If you are involved in an accident, or if you identify a hazard at UTS, then you should report it using the Hazard and Incident Reporting Online (HIRO) system at:

www.safetyandwellbeing.uts.edu.au/accidents/reporting.html

If the accident is serious, report it to security (24 hours) by dialli

If the accident is serious, report it to security (24 hours) by dialling 6 from any internal telephone or 1800 249 559 from mobile devices.

Safe work practices

Always follow safe work practices as provided by your lecturer, demonstrator or other supervising staff. This includes wearing any protective equipment required.

Ask for help if you are unsure about how to use a piece of equipment or undertake a task, particularly before carrying out new or unfamiliar work.

Smoke free environment

Smoking is not permitted inside any building on any campus of the University, nor in any University vehicle. This includes areas adjacent to entrances and exits of buildings, windows and air intakes for air conditioners. Smoking is only permitted in designated smoking areas. Dispose of cigarette butts in the bins provided.

Contact the UTS Health Service for advice regarding quit smoking programs:

telephone +61 2 9514 1177

Campus shuttle bus

The University operates a number of courtesy shuttle bus services for UTS students and staff.

The Kuring-gai shuttle bus service travels between City campus and Kuring-gai campus. The security shuttle bus service travels between City campus, Haymarket, City campus, Broadway and student housing buildings.

Timetables for shuttle bus services are available at:

http://datasearch.uts.edu.au/about/maps directions/shuttle.cfm

Lost and found

The security office is the first point of call to check for lost property or to hand in found items. Items are kept for three months and, if unclaimed, may become the property of the person who found the item.

Security systems

All buildings are accessible by a personal identification number (PIN) and are protected by an electronic intrusion detection system and a closed circuit TV network. PINs are available from faculty offices.

Inquiries

Safety and wellbeing

telephone +61 2 9514 1326, +61 2 9514 1062, +61 2 9514 1063 email safetyandwellbeing@uts.edu.au www.safetyandwellbeing.uts.edu.au

Security and Emergencies

Dial 6 from any internal telephone or 1800 249 559 from mobile devices.

City campus, Broadway telephone +61 2 9514 1192 email security.general@uts.edu.au

City campus, Haymarket telephone +61 2 9514 3399 email security.haymarket@uts.edu.au

Kuring-gai campus telephone +61 2 9514 5551 email security.kuring-gai@uts.edu.au

Sustainability

UTS has a strong commitment to sustainability across all areas of the University in research, teaching and learning, campus operations and community engagement.

Transport

UTS promotes sustainable transport with extensive links to trains, buses and light rail, a shuttle bus between campuses, a carpooling program, and bike parking with lockers and showers:

www.green.uts.edu.au/initiatives/transport

Recycling and waste

UTS has extensive recycling programs: www.green.uts.edu.au/initiatives/recycling

Energy and climate change

The University has ambitious greenhouse gas reduction targets and energy efficiency initiatives underway:

www.green.uts.edu.au/initiatives/energy

City campus upgrade

Sustainability is at the core of the City Campus Master Plan, a \$1 billion campus upgrade:

www.fmu.uts.edu.au/masterplan

Community engagement

Under the UTS Green banner, students and staff participate in a wide range of sustainability initiatives including events, games, competitions, films, etc.:

- www.green.uts.edu.au
- www.facebook.com/UTSGreen

UTS collaborates with corporate and community partners and is a member of the Australasian Campuses Towards Sustainability (ACTS).

Research

Sustainability research at UTS is trans-disciplinary in nature. Examples include the following:

- Institute for Sustainable Futures:
- www.isf.uts.edu.au
- Climate Change Research Cluster:
- www.c3.uts.edu.au
- Centre for Technology in Water and Waste:
- www.research.uts.edu.au/strengths/ctww

Teaching and learning

Sustainability is represented across all faculties and specific study can be undertaken across almost the entire range of degrees and disciplines:

www.green.uts.edu.au/about/teaching-learning

In addition, UTS administers the national sustainability teaching and learning resources hub:

www.sustainability.edu.au

Governance

The UTS Sustainability Strategy 2012–2015 is available as a downloadable PDF (319 kb) at:

www.green.uts.edu.au/about/sustainability-strategy/sustainabilitystrategy.html

PRINCIPAL DATES

January

 New Year's Day – public holiday

- 1 Start of Autumn semester for graduate research students¹
- 2 Enrolment period for new graduate research students for Autumn semester commences (to 28 March)¹
- 2 Summer session classes recommence (to 1 February)
- 3 Due date for payment for Summer session subjects
- 3 Early January round UAC undergraduate offers e-released (from 9am)
- 3 UTS Info Day, City campus, Broadway (9am to 4pm)
- 4 Closing date (midnight) for UAC change of preference for main round undergraduate offers
- 7 Census date for Summer session subjects last day to withdraw from subjects³
- 7 Enrolment of new students for Autumn semester 2013 commences (to 8 March)¹
- 7 Supplementary centrally conducted examinations
- 11 Last day to lodge application for review of final assessment result for Spring semester 2012
- 11 Release of results for December session 2012
- 16 Main round of UAC undergraduate offers e-released (from 9pm)
- 18 Deadline for continuing students to re-enrol in subjects for 2013 late enrolment fee of \$250 applies from 19 January
- 23 Closing date for change of UAC preference for late round of undergraduate offers
- 25 Last day to submit appeal against exclusion from Spring semester 2012
- 28 Australia Day public holiday
- 28 NSW public school holidays end (commenced 24 December 2012)
- 30 Late round UAC undergraduate offers e-released (from 9pm)
- 31 Closing date (midnight) for UAC change of preference for final round undergraduate offers
- 31 Closing date for applications for direct admission for specified undergraduate courses, and for honours courses, non-award and cross-institutional enrolment in Autumn semester 2013
- 31 Third round closing date for local postgraduate coursework applications for Autumn semester 2013

February

- 1 Summer session teaching ends for subjects with centrally conducted exams (commenced 3 December 2012)
- 4–8 Centrally conducted examinations for Summer session
- 6 Final round undergraduate UAC offers e-released (from 9am)
- 11–22 Orientation for new students, City campus
- 14 UTS Union Clubs and Activities Day, Kuring-gai campus
- 14–15 Orientation for new students, Kuring-gai campus
- 20 Release of results for Summer session
- 20 UTS Union Clubs and Activities Day, City campus
- 22 Due date for payment of fees for continuing international students for Autumn semester 2013
- 22 UTS Union O'fest, City campus
- 25 Autumn semester classes commence

March

- 1 Closing date for applications for UTS Union Elite Athlete Program (sports scholarships)²
- 2 Late Orientation day for new students
- 8 Enrolment of new students for Autumn semester 2013 ends (commenced 7 January)¹
- Last date to apply for name change (for graduation program and on-stage pronunciation) and pay outstanding fees/fines owed to UTS for graduation at Autumn 2013 graduation ceremonies
- 8 Last day to be admitted to a course or enrol in (add) subjects for Autumn semester 2013¹
- 8 Mid-semester centrally conducted examinations timetable available
- 11 March session commences (ends 19 April)
- 14 Due date for payment of fees for domestic fee-paying students for Autumn semester 2013

- 14 Last date for students to have a status of passed displayed in My Student Admin for graduation at Autumn 2013 graduation ceremonies
- 14 UTS Careers Fair
- 18 Due date for payment of upfront or partial contributions for students in Commonwealth-supported places for Autumn semester 2013
- 21 Graduation registration opens (closes 3 April)
- 23 Due date for payment for March session subjects
- 28 Census date for Autumn semester and March session subjects last day to withdraw from coursework subjects³
- 28 Enrolment of new graduate research students for Autumn semester ends (commenced 2 January)¹
- 29 Good Friday public holiday
- 31 Closing date for applications for admission to postgraduate research courses from international students for Spring semester 2013

April

- 1 Easter Monday public holiday
- 3 Graduation registration closes (opened 21 March)
- 8 Applications available for undergraduate (where applicable) and postgraduate courses for Spring semester 2013
- 8 Applications for internal course transfer for Spring semester 2013 open (closes 28 June)
- 11 Due date for payment of student services and amenities fee for Commonwealth-supported students for Autumn semester 2013
- 15-19 Mid-semester centrally conducted examinations
- 15-26 NSW public school holidays
- 19 March session ends (commenced 11 March)
- 22-26 Vice-Chancellor's week, Autumn semester
- 25 ANZAC Day public holiday
- 26 Release of results for March session
- 29 May session commences (ends 7 June)

May

- 1–13 Graduation ceremonies, City campus
- 2 Due date for payment for May session subjects
- 3 Examination timetable for centrally conducted examinations for Autumn semester available
- 7 Census date for graduate research degree thesis subjects⁵
- 7 Census date for May session subjects³
- 7 Last day for graduate research students to lodge application to change attendance pattern, withdraw, or take leave of absence from thesis subjects for Autumn semester
- 10 Last day to lodge an application for review of final assessment result for March session
- 14 Due date for payment of student services and amenities fee for domestic higher degree research students for Autumn semester 2013
- 31 Closing date for postgraduate research degree applications for Spring semester 2013
- 31 First round closing date for local postgraduate coursework applications for Spring semester 2013

June

- 7 Closing date for undergraduate UAC applications for Spring semester 2013
- 7 Last teaching day of Autumn semester
- 7 May session ends (commenced 29 April)
- 8-28 Centrally conducted examinations for Autumn semester
- 10 Queen's Birthday public holiday
- 11 Enrolment of new students for Spring semester 2013 commences (to 9 August)¹
- 14 Release of results for May session
- 15 Closing date for applications for admission to undergraduate and postgraduate coursework courses from international students for Spring semester 2013
- 17 July session commences (ends 26 July)
- 21 Undergraduate UAC offers for Spring semester 2013 e-released
- 26 Due date for payment for July session subjects
- 28 Closing date for applications for internal course transfer for Spring semester 2013 (opened 8 April)
- 28 Closing date for direct applications for specified undergraduate courses and for non-award and cross-institutional enrolment in Spring semester 2013

- 28 Closing date for international exchange outbound applications
- 28 Farewell ceremony for international students completing studies in Autumn semester 2013
- 28 Last day to lodge an application for review of final assessment result for May session
- 28 Second round closing date for local postgraduate coursework applications for Spring semester 2013
- 29 International graduation ceremonies (offshore) commence (end 4 July)
- 30 Last day of Autumn semester for graduate research students

July

- Census date for July session subjects³
- 1 Enrolment period for new graduate research students for Spring semester 2013 commences (to 30 August)¹
- 1 Start of Spring semester for graduate research students
- 1-12 NSW public school holidays
- 4 International graduation ceremonies (offshore) end (commenced 29 June)
- 17 Release of Autumn semester results
- 22-26 Orientation for new students
- 23 Supplementary centrally conducted examinations
- 26 Due date for payment of fees for continuing international students for Spring semester 2013
- 26 July session ends (commenced 17 June)
- 29 Spring semester classes commence
- 31 Last day to lodge an application for review of final assessment result for Autumn semester 2013

August

- 2 Last date to apply for name change (for graduation program and on-stage pronunciation) and pay outstanding fees/fines owed to UTS for graduation at Spring 2013 graduation ceremonies
- 2 Release of results for July session
- 3 Late Orientation day for new students
- 6 UTS Vacation, Internship and Volunteer Fair
- 7 Applications available for undergraduate courses for Autumn semester 2014
- 9 Enrolment of new students for Spring semester 2013 ends (commenced 11 June)¹
- 9 Last day to be admitted to a course or to enrol in (add) subjects for Spring semester 2013¹
- 12 August session commences (ends 20 September)
- 14 Last date for students to have a status of passed displayed in My Student Admin for graduation at Spring 2013 graduation ceremonies
- 16 Due date for payment of fees for domestic fee-paying students for Spring semester 2013
- 16 Last day to lodge an application for review of final assessment result for July session
- 16 Mid-semester centrally conducted examinations timetable available
- 20 Closing date for International Postgraduate Research Scholarships (IPRS)²
- 20 Due date for payment of upfront or partial contributions for students in Commonwealth-supported places for Spring semester 2013
- 22 Graduation registration opens (closes 6 September)
- 25 Due date for payment for August session subjects
- Census date for Spring semester and August session subjects last day to withdraw from coursework subjects³
- 30 Enrolment of new graduate research students for Spring semester 2013 ends (commenced 1 July)¹
- 31 UTS Open Day, City campus

September

- 5 Applications available for direct admission for specified undergraduate courses, and for honours courses, non-award and cross-institutional enrolment for Autumn semester 2014
- 5 Applications available for postgraduate coursework programs for Autumn semester 2014
- 5 Applications for internal course transfer for Autumn semester 2014 open (close 13 December 2013)
- 5 Graduation registration closes (opened 22 August)
- 7 UTS Open Day, Kuring-gai campus
- 12 Due date for payment of student services and amenities fee for Commonwealth-supported and domestic fee-paying students for Spring semester 2013
- 20 August session ends (commenced 12 August)

- 23 NSW public school holidays commence (end 7 October)
- 23–27 Mid-semester centrally conducted examinations
- 27 Release of results for August session
- 30 Closing date for applications for admission to postgraduate research courses from international students for Autumn semester 2014
- 30 Closing date for on-time undergraduate UAC applications
- 30 Graduation ceremonies, City campus, commence (end 4 October)
- 30 October session commences (ends 8 November)
- 30 Vice-Chancellor's week, Spring semester commences (ends 4 October)

October

- 3 Due date for payment for October session subjects
- 4 Examination timetable for centrally conducted examinations for Spring semester available
- 4 Graduation ceremonies, City campus, end (commenced 30 September)
- 4 Vice-Chancellor's week, Spring semester ends (commenced 30 September)
- 7 Labour Day public holiday
- 7 NSW public school holidays end (commenced 23 September)
- 8 Census date for graduate research degree thesis subjects⁵
- 8 Census date for October session subjects³
- 8 December session 2013 and Summer session 2014 timetable published online
- 8 Last day for graduate research students to lodge application to change attendance pattern, withdraw, or take leave of absence from thesis subjects for Spring semester
- 11 Last day to lodge an application for review of final assessment result for August session
- Due date for payment of student services and amenities fee for domestic higher degree research students for Spring semester 2013
- 25 Closing date for Australian Postgraduate Awards, RL Werner and University doctoral scholarships²
- 25 Closing date for postgraduate research degree applications for Autumn semester 2014
- 28 2014 University timetable published online
- 31 Closing date for late undergraduate UAC applications (late fees apply)
- 31 First-round closing date for local postgraduate coursework applications for Autumn semester 2014

November

- 8 Last teaching day of Spring semester
- 8 October session ends (commenced 30 September)
- 9–29 Centrally conducted examinations for Spring semester
- 15 Release of results for October session
- 18 December session commences (ends 3 January 2014)
- 27 Due date for payment for December session subjects
- 29 Closing date for international exchange outbound applications
- 29 Closing date for late undergraduate UAC applications (late fees apply)
- 29 Farewell ceremony for international students completing studies in Spring semester 2013
- 29 Last day to lodge an application for review of final assessment result for October session
- 29 Second round closing date for local postgraduate coursework applications for Autumn semester 2014

December

- 2 Census date for December session subjects³
- 2 Elite Athlete Program (sports scholarships) applications open²
- 2 Summer session commences (to 31 January 2014)
- 13 Closing date for applications for internal course transfer for Autumn semester 2014 (opened 5 September)
- 13 Closing date for late undergraduate UAC applications (late fees apply)
- 15 Closing date for application for admission to undergraduate and postgraduate coursework courses from international students for Autumn semester 2014
- 16 Examination timetable for centrally conducted examinations for Summer session available
- 18 Release of Spring semester results

- 23 NSW public school holidays commence (to 27 January 2014)
- 25 Christmas Day public holiday
- 26 Boxing Day public holiday
- 31 Last day of Spring semester for graduate research students
- tba Australian Tertiary Admission Ranks (ATARs) released by UAC⁴
- tba NSW Higher School Certificate (HSC) results released⁴
- 1. Enrolment for new coursework students occurs online or on campus during designated enrolment sessions. New students accept their offer via www.start.uts.edu.au Graduate research students should refer to the University Graduate School enrolment website (www.gradschool.uts.edu.au).
- 2. Information about the application and closing dates for all scholarships is available on the scholarships website (http://datasearch.uts.edu.au/study/scholarships/).
- 3. HECS-HELP, FEE-HELP, domestic award, and international fee payment information is available from the Student Administration website (www.sau.uts.edu.au/fees). Full financial liability applies after the census dates. For onshore and offshore census dates and details for all teaching periods, see Academic year dates.
- 4. Dates for the release of 2012 HSC results and ATARs to be confirmed; see NSW Government HSC website (www.nsw.gov.au/higher-school-certificate) and UAC website (www.uac.edu.au) for further information.
- 5. Census dates for research degree students are later in the year for Autumn and Spring semesters due to the flexible start dates for these students at UTS. Full financial and load liability applies after these census dates. More information is available at: www.gradschool.uts.edu.au

Note: Information is correct as at September 2012. The University reserves the right to vary any information described in Principal dates 2013 without notice.

ACADEMIC YEAR DATES

2013	
Onshore - Main teaching periods	
Summer session	
Teaching commences	Monday 3 December 2012
Christmas/New Year University recess	Tuesday 25 December 2012 – Tuesday 1 January 2013
Census date	Monday 7 January 2013
Teaching ends (for subjects with centrally conducted examinations)	Friday 1 February 2013
Centrally conducted examinations commence	Monday 4 February 2013
Centrally conducted examinations end	Friday 8 February 2013
Autumn semester	
Teaching commences	Monday 25 February 2013
Census date	Thursday 28 March 2013
Vice-Chancellor's week	Monday 22 – Friday 26 April 2013
Teaching ends	Friday 7 June 2013
Centrally conducted examinations commence	Saturday 8 June 2013
Centrally conducted examinations end	Friday 28 June 2013
Spring semester	
Teaching commences	Monday 29 July 2013
Census date	Friday 30 August 2013
Vice-Chancellor's week	Monday 30 September – Friday 4 October 2013
Teaching ends	Friday 8 November 2013
Centrally conducted examinations commence	Saturday 9 November 2013
Centrally conducted examinations end	Friday 29 November 2013
Onshore – Short teaching periods	
March session	
Session commences	Monday 11 March 2013
Census date	Thursday 28 March 2013
Session ends	Friday 19 April 2013
May session	
Session commences	Monday 29 April 2013
Census date	Tuesday 7 May 2013
Session ends	Friday 7 June 2013
July session	
Session commences	Monday 17 June 2013
Census date	Monday 1 July 2013
Session ends	Friday 26 July 2013
August session	
Session commences	Monday 12 August 2013
Census date	Friday 30 August 2013
Session ends	Friday 20 September 2013
October session	
Session commences	Monday 30 September 2013
Census date	Tuesday 8 October 2013
Session ends	Friday 8 November 2013
December session	
Session commences	Monday 18 November 2013
Census date	Monday 2 December 2013
Session ends	Friday 3 January 2014
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Offshore only – Other teaching periods		
January to March semester		
Semester commences	Monday 17 December 2012	
Census date	Monday 7 January 2013	
Semester ends	Friday 22 March 2013	
March to May semester		
Semester commences	Monday 4 March 2013	
Census date	Thursday 28 March 2013	
Semester ends	Friday 7 June 2013	
May to July semester		
Semester commences	Monday 15 April 2013	
Census date	Tuesday 7 May 2013	
Semester ends	Friday 19 July 2013	
July to September semester		
Semester commences	Monday 3 June 2013	
Census date	Monday 1 July 2013	
Semester ends	Friday 6 September 2013	
August to October semester		
Semester commences	Monday 5 August 2013	
Census date	Friday 30 August 2013	
Semester ends	Friday 8 November 2013	
October to December semester		
Semester commences	Monday 16 September 2013	
Census date	Tuesday 8 October 2013	
Semester ends	Friday 20 December 2013	
December to February semester		
Semester commences	Monday 4 November 2013	
Census date	Monday 2 December 2013	
Semester ends	Friday 7 February 2014	

Note: Unless otherwise specified for particular subjects, all examinations are conducted within the teaching period. Different census dates apply for graduate research students (see www.gradschool.uts.edu.au).

2014	
Onshore – Main teaching periods	
Summer session	
Teaching commences	Monday 2 December 2013
Christmas/New Year University recess	Wednesday 25 December 2013 – Wednesday 1 January 2014
Census date	Monday 13 January 2014
Teaching ends (for subjects with centrally conducted examinations)	Friday 31 January 2014
Centrally conducted examinations commence	Monday 3 February 2014
Centrally conducted examinations end	Friday 7 February 2014
Autumn semester	
Teaching commences	Monday 24 February 2014
Census date	Monday 31 March 2014
Vice-Chancellor's week	Monday 21 – Friday 25 April 2014
Teaching ends	Friday 6 June 2014
Centrally conducted examinations commence	Saturday 7 June 2014
Centrally conducted examinations end	Friday 27 June 2014
Spring semester	
Teaching commences	Monday 28 July 2014
Census date	Friday 29 August 2014
Vice-Chancellor's week	Monday 29 September – Friday 3 October 2014
Teaching ends	Friday 7 November 2014
Centrally conducted examinations commence	Saturday 8 November 2014
Centrally conducted examinations end	Friday 28 November 2014
Onshore – Short teaching periods	
March session	
Session commences	Monday 10 March 2014
Census date	Monday 31 March 2014
Session ends	Friday 18 April 2014
May session	
Session commences	Monday 28 April 2014
Census date	Tuesday 6 May 2014
Session ends	Friday 6 June 2014
July session	
Session commences	Monday 16 June 2014
Census date	Tuesday 1 July 2014
Session ends	Friday 25 July 2014
August session	
Session commences	Monday 11 August 2014
Census date	Friday 29 August 2014
Session ends	Friday 19 September 2014
October session	
Session commences	Monday 29 September 2014
Census date	Tuesday 7 October 2014
Session ends	Friday 7 November 2014
December session	
Session commences	Monday 17 November 2014
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Census date	Monday 1 December 2014

Offshore only – Other teaching periods		
January to March semester		
Semester commences	Monday 16 December 2013	
Census date	Monday 13 January 2014	
Semester ends	Friday 21 March 2014	
March to May semester		
Semester commences	Monday 3 March 2014	
Census date	Monday 31 March 2014	
Semester ends	Friday 6 June 2014	
May to July semester		
Semester commences	Monday 14 April 2014	
Census date	Tuesday 6 May 2014	
Semester ends	Friday 18 July 2014	
July to September semester		
Semester commences	Monday 2 June 2014	
Census date	Tuesday 1 July 2014	
Semester ends	Friday 5 September 2014	
August to October semester		
Semester commences	Monday 4 August 2014	
Census date	Friday 29 August 2014	
Semester ends	Friday 7 November 2014	
October to December semester		
Semester commences	Monday 15 September 2014	
Census date	Tuesday 7 October 2014	
Semester ends	Friday 19 December 2014	
December to February semester		
Semester commences	Monday 3 November 2014	
Census date	Monday 1 December 2014	
Semester ends	Friday 6 February 2015	

Note: Unless otherwise specified for particular subjects, all examinations are conducted within the teaching period. Different census dates apply for graduate research students (see www.gradschool.uts.edu.au).

COURSE AREA INFORMATION

UTS: BUSINESS

Information for students

UTS: Business is located on two campuses: City campus (Haymarket) and Kuring-gai campus (Lindfield).

UTS: Business courses are administered by the UTS Business School. The business school consists of five discipline groups: Accounting; Economics; Finance; Management; and Marketing.

All postgraduate courses are administered by the Graduate School of Business.

Location, contacts and inquiries

Student Centre, Haymarket

The Student Centre, Haymarket manages the student administration activities of the faculty and is responsible for a broad range of activities including admission, enrolment, graduation, course information, promotion and student matters.

See also the business school website at:

www.business.uts.edu.au

Undergraduate inquiries

Student Centre, Haymarket

CM05C.1.3

Level 1, Building 5

Quay Street, Haymarket

telephone +61 2 9514 3500 and +61 2 9514 1222

fax +61 2 9514 3654 and +61 2 9514 1200

Ask UTS www.ask.uts.edu.au

Postal address

UTS Student Centre

University of Technology, Sydney

PO Box 123

Broadway NSW 2007

www.sau.uts.edu.au

Student Centre, Kuring-gai

KG01.5

Foyer, Level 5, Building 1

Eton Road, Lindfield

telephone +61 2 9514 5355 and +61 2 9514 1222

fax $+61\ 2\ 9514\ 5398$ and $+61\ 2\ 9514\ 1200$

Ask UTS www.ask.uts.edu.au

Postal address

UTS Student Centre

University of Technology, Sydney

PO Box 123

Broadway NSW 2007

www.sau.uts.edu.au

Graduate inquiries

Student Centre, Haymarket

CM05C.5.25

Level 5, Building 5

Quay Street, Haymarket

telephone +61 2 9514 3660 and +61 2 9514 1222

fax +61 2 9514 3554 and +61 2 9514 1200

Ask UTS www.ask.uts.edu.au

www.gsb.uts.edu.au

Postal address

UTS Student Centre

University of Technology, Sydney

PO Box 123

Broadway NSW 2007

Executive Development Unit

CM05B.4.31

Quay Street, Haymarket

telephone +61 2 9514 3504

fax +61 2 9514 3510

email executive.development@uts.edu.au

www.gsb.uts.edu.au/edu

Office hours

9am-5pm Monday to Friday

Discipline Group offices

All discipline group offices are open 9am–5pm Monday to Friday. Inquiries regarding lectures, assignments and the consultation times of lecturers on both campuses should be directed to the discipline group offices during business hours.

Accounting Discipline Group

City campus

CM05C.3.1

Quay Street, Haymarket

telephone +61 2 9514 3560

fax +61 2 9514 3669

Kuring-gai campus

KG04.6.1

Eton Road, Lindfield

telephone +61 2 9514 5585

fax +61 2 9514 5515

Economics Discipline Group

City campus

CMO5D.3.53

Quay Street, Haymarket

telephone +61 2 9514 7777

fax +61 2 9514 7711

Kuring-gai campus

KG04.6.1

Eton Road, Lindfield

telephone +61 2 9514 5460

fax +61 2 9514 5515

Finance Discipline Group

City campus

CMO5D.3.53

Quay Street, Haymarket

telephone +61 2 9514 7777

fax +61 2 9514 7711

Kuring-gai campus

KG04.6.1

Eton Road, Lindfield

telephone +61 2 9514 5460

fax +61 2 9514 5515

Management Discipline Group

City campus

CM05C.4.27

Quay Street, Haymarket

telephone +61 2 9514 3614

fax +61 2 9514 3602

Kuring-gai campus

KG04.5.2A

Eton Road, Lindfield

telephone +61 2 9514 5311

fax +61 2 9514 5583

KG01.6.84

Eton Road, Lindfield

telephone +61 2 9514 5497

fax +61 2 9514 5195

Marketing Discipline Group

City campus CM05C.2.2

Quay Street, Haymarket telephone +61 2 9514 3522 fax +61 2 9514 3535

Graduate attributes

A graduate from the UTS Business School is expected to possess the following attributes:

- Business knowledge and concepts: be able to operate effectively
 with business knowledge of sufficient depth in different
 professions, industry and society, both locally and globally.
- Critical thinking, creativity and analytical skills: be able
 to apply and demonstrate critical and analytical skills, and
 innovation in business practice.
- Communication and Interpersonal skills: be able to use communication skills (reading/writing and listening/speaking) to work with others and be self reflective.
- Attitudes and values: have an awareness of obligations and responsibilities in business and their impact.
- Business practice-oriented skills: be able to integrate generic, technical and professional skills including being proficient in technology, to operate effectively in various industry contexts with the capacity to anticipate and respond to change.

These graduate attributes overarch each of the Business School's undergraduate and postgraduate programs, but each of these programs in turn have their own distinct set of graduate attributes, known as learning goals, which need to be assured as part of the Business School's AACSB accreditation, through a set of aligned learning objectives.

AIESEC

AIESEC is the world's largest student organisation. Existing in 110 countries around the world and with over 38,000 members, AIESEC aims to promote cultural awareness and international understanding, develop practical managerial skills for its members and bridge the gap between students, academics and the business sector.

It is AIESEC's membership base of determined and committed students who contribute to changing people's lives and developing themselves as leaders. This is achieved through activities such as AIESEC's international exchange programs, team building, marketing, project management and national and international conferences. AIESEC also provides opportunities to gain business contacts and make new friends.

AIESEC provides students with the ability not only to do something for themselves, but also to have an impact on the lives of people around the world in many different ways.

Further information on exchange and membership is available at:

CM05B.1.06

City campus, Haymarket email aiesec.uts@aiesec.net www.aiesec.org

Short business courses and executive development

UTS: Business offers a range of executive development programs and short, intensive courses in specialist professional topics. Executive certificate programs are offered in banking, business accounting, business management, economics, event management, finance, financial analysis, insurance, leadership, leisure and tourism, marketing, project management and quantitative finance. In addition to its advertised programs, UTS: Business also develops in-house programs tailored to specific corporate needs. Business specialists within UTS: Business also co-create customised programs with corporate leaders using problem-solving and strategic design techniques to advance their talent, operations and competitive edge.

Further information is available from:

Executive Development Unit telephone +61 2 9514 3504 fax +61 2 9514 3510 email executive.development@uts.edu.au www.gsb.uts.edu.au/edu

Undergraduate course information

UTS: Business offers a wide range of courses spanning the traditional disciplines of accounting, economics, finance, management and marketing.

Additional rules of importance to undergraduate coursework students

Credit recognition (exemptions)

Students who are enrolled in UTS: Business courses and who have previously studied at another university or other recognised tertiary educational institution may be eligible for credit recognition in the form of subject exemptions, if the subjects previously studied are deemed by UTS: Business to be equivalent to those specified for their course.

Requests for exemptions for more than one-third and up to twothirds of the degree may be considered by the Business School Board. Students are required to apply for exemptions at enrolment in their first semester of study. If a student wishes to request exemptions after their first semester of study they are advised to make an appointment with a student adviser in the student centre either at Haymarket or Kuring-gai.

Students should note that exemptions given in one course at UTS will not necessarily be transferred to another course at UTS after a successful internal course transfer has occurred.

Further information on credit recognition for undergraduate students in UTS: Business is available at:

www.business.uts.edu.au/student/admin/rpl/

Further details can also be obtained from the Student Centres at Haymarket and Kuring-gai.

Credit recognition forms are available at:

www.sau.uts.edu.au/forms

Internal course transfer

While students may gain entry to a particular course, they may choose to apply for entry to a different course within the field of business. Where a student articulates from one level of study to another, only one testamur is issued. Further information is available from the Student Centre, Haymarket.

Students from combined degrees: Students in combined degrees should normally graduate from their combined degree at one ceremony, though receiving two testamurs.

If a student wishes to graduate with the Bachelor of Business only, the student should meet one of the following criteria:

- a UAI/ATAR score equivalent or higher to the entry level for the year they began their studies, or
- the standard internal course transfer criteria, that includes an overall credit average and a minimum of 48 credit points of completed study.

If a student is successful in transferring to the single Bachelor of Business degree, the student must satisfy the academic and credit point requirements of the Bachelor of Business, which are:

- 48 credit points comprising business core subjects
- 48 credit points comprising a first business major subject
- 48 credit points comprising either a second business major; or two sub-majors; or one sub-major and four electives.

Internal course transfer information and forms are available at:

www.sau.uts.edu.au/enrolment/course/transfer

Academic progression

All students are expected to meet minimum academic requirements. Students must pass 50 per cent of the credit points in which they are enrolled each half year. If this requirement is not met, students are placed on academic caution. During a period of academic caution usually one half year, a student must consult with the designated academic course advisers from the relevant faculty for advice on their study plan; attend a study skills workshop program organised by the Student Services Unit; and enrol in no more than 24 credit points for the semester to which the period of academic caution applies.

Further information about academic caution is available at:

www.sau.uts.edu.au/academic/caution.html

Majors and sub-majors

To have a major or sub-major noted on a final transcript, students must complete at least 75 per cent of the subjects in that major or sub-major at UTS; the other 25 per cent of the subjects may be given as credit recognition from previous studies at another university (subject to approval), under any approved undergraduate course.

Policy on subject substitution

Where there is an overlap of a subject between majors and submajors, students must substitute an undergraduate subject chosen from within the particular discipline (subject to approval). The subject chosen should enable students to meet the objectives of the relevant major(s) or sub-major(s) and make up the required number of credit points. Students are still required to meet normal prerequisite conditions in choosing a substitute subject. As some majors have specific substitution rules, students should refer to the information on specific majors.

Students must apply for subject substitution before undertaking the subject. Subject substitution forms are available from the Student Centre, Haymarket and must be submitted back at the Student Centre, Haymarket at least four weeks before the start of the semester of intended study.

Electives

When choosing electives, students should be aware that all prerequisites must be met and that no elective may be materially similar to other subjects taken as part of the student's undergraduate degree. Students who wish to undertake cross-faculty electives within UTS, or do concurrent study with other universities, should seek approval from UTS: Business. UTS: Business reserves the right to approve a student's choice of electives. Students are accommodated in subjects depending on the availability of class places.

Students from other faculties applying to undertake business electives

Students from other faculties may undertake subjects offered by UTS: Business as an elective if they have met all the prerequisites. Students are accommodated in subjects depending on the availability of class places. It is the responsibility of students to ensure that their own faculty approves their choice of business elective(s) according to the requirements of the program in which they are enrolled.

Semester load

Full-time study is usually undertaken at the normal load of 24 credit points a semester. Students who wish to undertake more than the normal full-time load in one semester must have their study plan endorsed by a student adviser from the Student Centre, Haymarket. Part-time study is usually undertaken at the normal rate of 12 credit points a semester. Note that there are set criteria before approval can be granted to exceed the normal full-time load.

Attendance

Most courses are offered part time (one or two subjects a semester) or full time (three or four subjects a semester). Up to an extra two subjects (if offered) may be taken in Summer session to fast-track study. Local students may attend part time or full time. International students must enrol in a minimum of four subjects a semester to meet Department of Immigration and Citizenship requirements, and a maximum of four subjects a semester.

Subject attendance requirements

Students are required to be punctual and regular in attendance for all classes in the subjects in which they are enrolled.

It is the student's responsibility to study all material provided, or required to be accessed, to maximise their chance of meeting the objectives of the subject and to be informed of subject-related activities and administration.

International students in Australia are advised to attend all classes. Failure to attend may infringe conditions of the student visa.

Information on the campus, day and time that individual subjects are offered is available from the UTS timetable at:

http://timetable.uts.edu.au

Forms

All undergraduate forms are available at: www.sau.uts.edu.au/forms

Majors

A major consists of 48 credit points of study (eight 6-credit-point subjects) in a related area.

Students enrolled in the Bachelor of Engineering Bachelor of Business (C10065) (see page 148); Bachelor of Engineering Bachelor of Business Diploma in Engineering Practice (C10068) (see page 157); Bachelor of Business Bachelor of Laws (C10125) (see page 181); Bachelor of Business Bachelor of Business (C10169) (see page 214); Bachelor of Medical Science Bachelor of Business (C10163) (see page 208); Bachelor of Science Bachelor of Business (C10162) (see page 203); Bachelor of Business Bachelor of Computing (C10219) (see page 226); or any other combined degree, are ineligible to undertake the Information Technology major in the Bachelor of Business component of the combined degree. Students enrolled in these courses are required to complete a business major offered by a school or schools within UTS: Business. Majors are listed below.

Note: Details of the subjects within each major are provided in the study package directory.

- Accounting (MAJ08437)
- Economics (MAJ09209)
- Finance (MAJ08440)
- Financial Services (MAJ08068)
- Human Resource Management (MAJ08446)
- International Business (MAJ08442)
- Management (MAJ08438)
- Marketing (MAJ08441)
- Marketing Communication (MAJ08116)

Second major only:

- Business Law (MAJ09401)
- Information Technology (MAJ02041)
- Sport Management (MAJ08445)
- Tourism Management (MAJ08443)

Extended majors

An extended major consists of 72 credit points of study (12 6-credit-point subjects). An extended major in the Bachelor of Business allows students the option of pursuing a highly specialised study in one discipline area while still undertaking a cross-disciplinary year of study. Extended majors are listed below.

Note: Details of the subjects within each extended major are provided in the study package directory.

- Extended Economics (MAJ09402)
- Extended Finance (MAJ08060)
- Extended Management (MAJ08046)
- Extended Marketing (MAJ08063)

Sub-majors

A sub-major consists of 24 credit points of study in a related area. Sub-majors are available to all students except where specified.

It should be noted that not all subjects are offered in every semester and that not all sub-majors are available at both campuses. Sub-majors are listed below.

Note: Details of the subjects within each sub-major are provided in the study package directory.

- Advanced Advertising (SMJ08131)
- Advertising (SMJ08137)
- Economics (SMJ09028)
- Econometrics (SMJ09058)
- Event Management (SMJ08203)
- Finance (SMJ08123)
- Financial Planning (SMJ08214)
- Financial Reporting (SMJ08116)
- Human Resource Management (SMJ08128)
- International Accounting (SMJ08117)
- International Management (SMJ08129)
- Management (SMJ08130)
- Management Consulting (SMJ08109)
- Management Reporting (SMJ08195)
- Marketing (SMJ08138)
- Marketing Research (SMJ08132)
- Small Business Accounting (SMJ08120)
- Sport Management (SMJ08126)
- Strategic Marketing (SMJ08204)
- Tourism Management (SMJ08127)

Faculty-wide: international exchange

• International Business Studies (SMJ08139)

Sub-majors offered by other faculties

Faculty of Arts and Social Sciences

- Human Resource Development (SMJ08141)
- International Studies (SMJ09034)
- Language Other Than English (LOTE) (SMJ09035)
- Public Relations (SMJ08211)
- Specialist Country Studies (SMJ09036)

Faculty of Engineering and Information Technology

- Business Information Systems (SMJ02036)
- Information Technology (SMJ02037)

Faculty of Law

- Business Law (SMJ09030)
- Taxation Law (SMJ09033)

Faculty of Science

- Mathematics (SMJ01007)
- Quantitative Management (SMJ01025)
- Statistics (SMJ01009)

Postgraduate course information

UTS: Business offers a range of master's degrees, graduate diplomas and graduate certificates by coursework. In addition, doctoral programs and research masters (by thesis) programs are also offered.

Further information and general inquiries on postgraduate course information is available from the Student Centres (see page 49) at Haymarket and Kuring-gai.

Postgraduate coursework

Exemptions

Exemptions are granted on the basis of the successful completion of equivalent subjects from recent undergraduate or recent postgraduate studies. Students should lodge an application for subject exemption form if they wish to apply for exemptions from subjects within their enrolled course.

Postgraduate subject exemptions are not normally granted where prior studies were undertaken more than 10 years previously. Postgraduate subject exemptions are also not granted for prior subdegree TAFE studies.

UTS: Business subject exemption forms for postgraduate students are available at:

www.gsb.uts.edu.au/student/rpl

Exemptions from electives are considered only for prior postgraduate studies. Students who have completed a UTS: Business honours degree or equivalent as determined by the head of the UTS Graduate School of Business may be eligible for up to an additional four subjects (to a maximum of 24 credit points) of exemptions where equivalent coursework subjects exist.

The maximum number of subject exemptions allowed in each course under the UTS: Business policy is detailed below.

Graduate certificates

Exemptions are not permitted except where an exemption has been approved for a specified UTS executive development course.

Graduate diplomas

A maximum of five subject exemptions is permitted, of which two core subjects can be approved from prior undergraduate study.

Master's degrees (excluding MBA)

A maximum of eight subject exemptions is permitted, of which four core subjects can be approved from prior undergraduate study.

MBA

A maximum of 10 subject exemptions is permitted, of which four core subjects can be approved from prior undergraduate study. Exemptions will not be permitted for the subjects 21715 Strategic Management and 21878 Studies in Business Communication.

Articulation

While courses are offered as stand-alone qualifications they are also components of integrated programs of study that enable students who satisfactorily complete a graduate certificate or graduate diploma to apply for entry to a higher-level course within their chosen field of study. Where a student articulates from one level of study to another, only one testamur is issued. Further information is available from the Graduate School of Business.

Internal course transfer forms are available at:

www.sau.uts.edu.au/forms

Progression

Postgraduate students will have their enrolment discontinued if they fail:

- three subjects in a graduate diploma
- four subjects in a master's degree, or
- five subjects in the MBA.

Postgraduate students are advised that there is a maximum time to complete their course requirements (see rule 10.5).

Electives

Postgraduate students are not permitted to undertake undergraduate subjects, including language subjects, as electives in any UTS: Business postgraduate program. Students may only choose and enrol in postgraduate subjects as electives.

Majors and sub-majors

To have a major or sub-major noted on a final transcript, students must complete at least 75 per cent of the subjects in that major at UTS, under any approved postgraduate course.

Semester load

Full-time study is usually undertaken at the normal load of 24 credit points a semester. Students who wish to undertake more than the normal full-time load in one semester must have their study plan endorsed by a student adviser from the Student Centre, Haymarket.

Part-time study is usually undertaken at the normal rate of 12 credit points a semester.

Attendance

Postgraduate UTS: Business degrees are offered on campus only, but some subjects are also offered in block mode. The usual attendance for each subject is three hours a week, while subjects offered in block mode usually involve five or six full days of attendance spread over the semester.

Most degrees are offered part time (one or two subjects a semester) or full time (three or four subjects a semester). An extra two subjects (if offered) may be taken in Summer session to fast-track study.

Local students may attend part time or full time. International students must enrol in four subjects a semester to meet Department of Immigration and Citizenship requirements.

Subject attendance requirements

Students are required to be punctual and regular in attendance for all classes in which they are enrolled. It is the student's responsibility to study all material provided, or required to be accessed, to maximise their chance of meeting the objectives of the subject and to be informed of subject-related activities and administration.

International students in Australia are advised to attend all classes at their campus. Failure to attend may infringe on the conditions of the student visa.

Information on the campus, day and time that individual subjects are offered is available from the UTS timetable at:

http://timetable.uts.edu.au

Forms

Most postgraduate forms are available at:

www.sau.uts.edu.au/forms

Credit recognition (exemption) and graduation forms, which are faculty-specific, are available at:

www.gsb.uts.edu.au/student/rpl

Postgraduate research

Admission requirements

To be eligible for admission to the UTS Business School's Doctor of Philosophy program an applicant should:

- hold a relevant bachelor's degree with first or second class honours (division 1)
- hold a master's (by thesis) degree
- possess an equivalent qualification, or
- be a graduate of at least two years' standing of this University
 or another tertiary institution, whose research publications and
 written reports on work satisfy the Academic Board that the
 applicant has the ability and experience to pursue their proposed
 course of study.

Each applicant is required, prior to application, to contact the UTS Business School research office with a thesis area or topic and seek appropriate supervision. Applicants are also required to submit a brief thesis proposal with their application.

Course structure

Based on the candidate's proposed area of research the University allocates a supervisory panel with expertise in this area.

While candidates with an insufficient background in research methods and/or theoretical knowledge in the core fields of study may be required to do some coursework, the final assessment for the degree is based on submission of a thesis of approximately 50,000–70,000 words. The thesis is examined by three examiners, of who at least two are external to the University, and are experts in the area of research addressed in the thesis. Guidelines for presentation and submission of the thesis are available from the UTS: Graduate Research School.

Both the candidate and the candidate's principal supervisor are required to submit progress reports at the end of each semester. In addition, a student's candidature is assessed before or at the end of the first two semesters of candidature in the case of a full-time student, or the first three semesters in the case of a part-time student. The following components, considered by a review panel, constitute the assessment: satisfactory semester progress reports, successful completion of prescribed coursework prior to the assessment, a written thesis proposal, and an oral seminar on the research topic and written proposal.

A student who does not satisfy the requirements for the assessment is not permitted to proceed with their candidature unless, with the approval of the Academic Board, the student is invited to re-attempt the assessment.

Contacts and inquiries

UTS Business School Research Office telephone +61 2 9514 3691 fax +61 2 9514 3513 email research.business@uts.edu.au www.business.uts.edu.au

UTS: COMMUNICATION

Information for students

UTS: Communication offers degrees by coursework and degrees by research — these two study areas have separate information and administration services available to students.

The UTS Student Centre provides student administration services to coursework students. It coordinates a wide range of activities including enrolment, identification of potential graduands, processing of student leave applications, special consideration applications and variation of programs via e-requests.

The research degrees administrator provides similar assistance to postgraduate research students.

Location, contacts and inquiries

UTS Student Centre

CB01.4 (foyer, Building 1)

City campus

15 Broadway

Ultimo NSW 2007

telephone 1300 ask UTS (1300 275 887) and +61 2 9514 2300

Ask UTS www.ask.uts.edu.au

www.communication.uts.edu.au

Research Degrees Administrator

CB10.5.340

City campus

Broadway NSW 2007

telephone +61 2 9514 4512

email hss.researchdegrees@uts.edu.au

www.communication.uts.edu.au/research

Statement on scholarly work and its presentation

Scholarly work involves working with texts by authors in different fields. These authors have intellectual property rights to their work, so in the scholarly process of quotation, commentary, paraphrase and interpretation, specific rules or protocols must be observed. These apply to audiovisual texts as well as to writing.

In the production of work by students in UTS: Communication, the protocol to be observed is the acknowledgment of the work of other authors, whether this work takes the form of an idea, a section of text, sounds or images. Unacknowledged copying, paraphrasing or summarising can be considered plagiarism if it is 'passed off as one's own' (*The Macquarie Dictionary*, 2009). Work involving plagiarism is not accepted for assessment and may be the subject of disciplinary action.

Conventions for acknowledgment are well established but take different forms. It is the responsibility of students to familiarise themselves with these conventions and to use them. Snooks and Co., *Style Manual for Authors, Editors and Printers*, 6th edn (revised), Wiley, 2002, is useful.

Other sites that outline issues in using information appropriately can be found at:

www.lib.uts.edu.au/help/study-skills

International exchange and study abroad

Local students

Students at UTS can study overseas as part of their degree through either the international exchange program or by study abroad.

Students accepted into the international exchange program can study at an institution with which UTS has a student exchange agreement or memorandum of understanding and the student pays through HECS-HELP.

Further information about the international exchange program is available at:

www.uts.edu.au/international/exchange/going/apply

Students undertaking study abroad at an overseas institution enrol at that university and pay full fees to that institution.

International students

UTS: Communication welcomes students from around the world. Our courses reflect Australia's multicultural character and its cultural, commercial, media and technological links to other countries and communities. UTS is committed to the internationalisation of all its courses, which prepare students for fulfilling lives and productive careers in a globalised world. A number of staff in UTS:

Communication have lived and studied overseas and maintain international connections in the arts, media, business and research.

UTS: International provides information and assistance for prospective international students. Further details are available at: www.uts.edu.au/international

Exchange and study abroad

Students who are already enrolled in an overseas university course and who wish to study in Australia for one or two semesters can enrol in subjects through international exchange or study abroad arrangements. Exchange students come from institutions with which UTS has a student exchange agreement and pay fees through their home institution. Study abroad students apply directly and pay fees to UTS as their university does not have a formal exchange agreement.

Subject selection

Undergraduate students can apply to enrol in subjects listed in the individual undergraduate programs. Note that access to subjects in media arts and production is restricted to students who have already completed introductory subjects in these areas at their home institution.

Postgraduate students can select from the range of subjects listed in individual postgraduate programs.

Students must meet the subject prerequisite requirements indicated in the subject descriptions. Students are also advised to ensure that the subjects they select satisfy course requirements at their home institution.

Undergraduate and postgraduate courses

International students can apply for any of the full-time courses offered by UTS: Communication that appear in this handbook.

Short courses and continuing professional education (CPE)

UTS: Communication regularly offers in-house short courses, seminars, workshops, organisational training and other professional development programs.

Short course programs are available in:

- advertising (UTS/AFA AdSchool)
- journalism and writing (Australian Centre for Independent Journalism)
- creative writing (UTS Centre for New Writing)
- pro tools sound design (UTS Pro School), and
- media presentation skills (Australian Centre for Public Communication).

New programs are constantly in development. Further information is available from:

www.communication.uts.edu.au/courses/short.html

Undergraduate course information

Applications

All non-current school leavers are selected through an assessment of academic merit. Applicants with five or more years of work experience or equivalent and limited educational qualifications may be requested to provide a personal statement. For further information see UTS: Communication selection criteria at:

www.undergraduate.uts.edu.au/apply

Areas of study

The undergraduate program is based on a subject bank of about 70 subjects designed for undergraduate students seeking both a general and professionally focused university education.

Courses are offered in the following areas:

- information and media
- journalism
- media arts and production
- public communication
- social inquiry
- writing and cultural studies.

Course structure

Students must complete 144 credit points consisting of 48 credit points of core subjects, a 48-credit-point major, a 24-credit-point sub-major, and 24 credit points of electives.

- core: a set of communication subjects running vertically through three years
- major: a set of specialist subjects belonging to the area of study and running vertically through three years
- sub-major: a study sequence of three subjects that relate to a particular field of study
- electives: a choice of subjects from UTS: Communication or from subjects offered by other course areas.

 $\label{lem:all UTS: Communication courses can be combined with international studies or law.$

Students who excel in their degree have the option of studying the Bachelor of Arts (Honours) after three years.

Core subjects

UTS: Communication core subjects (STM90550) are designed to give students the essential skills and knowledge required by every communication graduate.

Through the core subjects, students examine the foundations of communication and develop their professional practice or craft through new technologies as well as existing traditional mediums.

Each core subject engages students in critical examinations and reflections of key communication concepts, preparing them to work with a real-world client in their capstone subject.

Majors

Each major integrates theory and practice and is designed to provide the specialist skills and knowledge required by an entrant to a particular industry or creative practice. Major subjects maintain a critical focus on industry while allowing students to develop the well-rounded expertise needed by practitioners in the next decade.

The first three subjects in a major lay the foundation for understanding and working within a particular field. The last three subjects challenge students to develop the confidence and expertise employers demand.

There are six majors offered by UTS: Communication (CBK90700)

- Information and Media (MAJ10023): This interdisciplinary
 major prepares students for work in a variety of creative
 information design and management roles. Students develop
 an understanding of the interrelationships between people,
 information and communication technologies, as well as
 practical skills in areas such as web design and architecture,
 media research and writing information and media content
 for diverse audiences. Students create a portfolio of products
 including blogs, podcasts, websites, databases as well as audience
 and user analyses.
- Journalism (MAJ10020): This major is designed to meet the
 essential practical skills and theoretical knowledge needed
 for a career in journalism. Students gain an understanding of
 the crucial role that journalists play in creating a democratic
 public sphere, providing a forum for debate and giving voice
 to diverse communities. This major equips students with
 advanced research, writing, reporting and analytical skills for
 print, television, radio and online media; and knowledge of
 the intellectual, ethical and political foundations of journalism.
- Media Arts and Production (MAJ10021): Highly regarded in the
 industry, this major has a history of award-winning students and
 graduates. Students develop production skills in video, sound
 and new media, and enhance their creative innovation in these
 areas. Students are encouraged to evolve as creative directors and
 producers of media projects, as well as develop their technical
 proficiency specifically in one media area. By the time students
 graduate, they should have a professional portfolio of creative
 production work.
- Public Communication (MAJ10024): This major has a focus on professional communication careers including public relations and advertising. Students explore the communication contexts for these practices cultural, social and political. Students develop their professional skills in campaign design and production, copywriting, media liaison and writing, research and evaluation, sponsorship and event management. Students have the option of completing a Public Relations stream (STM90716) or an Advertising stream (STM90715) in this major. Assignments provide material for a portfolio when they graduate.

- Social Inquiry (MAJ09395): Flexible, rigorous and professionally focused, this major is for students interested in social issues and developing the skills to participate effectively in social change. Students explore cross-cultural, international and local perspectives affecting society, and gain a broad range of skills and knowledge that prepares them for a variety of professions in the diverse fields of social science, media and communication.
- Writing and Cultural Studies (MAJ10022): In this major students study both general and specific creative writing as a professional practice that influences and is influenced by culture. Students study the theory and practice of writing and apply their skills across a range of genres and different media. Students explore the position and role of the writer in society, while learning to think critically and creatively about developments in the cultural industries. Students also gain the skills to assess and evaluate the needs of diverse communities, and develop strategies for responding to social and cultural issues.

Sub-majors

A sub-major is a study sequence of three subjects that relate to a particular field of study. Sub-majors allows students to develop expertise in exciting new directions, broadening their knowledge and enriching the sophistication of their work. Each sub-major builds on a major by inspiring students to new heights of thinking while challenging them to deal with major issues affecting society and the professions they plan to enter. There are seven sub-major study sequences available (CBK90701):

- Aboriginal Studies (SMJ09052)
- Bodies, Genders, Rights (SMJ09051)
- Environmental Studies (SMJ09050)
- Media Studies (SMJ10032)
- Reading Australia (SMJ09049)
- Screen Studies (SMJ10033)
- Transnational Studies (SMJ09048).

Flactives

Elective subjects allow students to broaden or specialise their knowledge and skill set.

In the 24 credit points of electives, students can choose:

- any three subjects from the UTS: Communication subject bank
- $\bullet \qquad \text{three foundation subjects of another UTS: } Communication \, \text{major} \\$
- a second UTS: Communication sub-major
- Language and Culture subjects, or
- subjects from another course area of UTS, such as UTS: Business or UTS: Design, Architecture and Building.

Students may wish to undertake the Professional Internship elective in which they negotiate a learning contract and develop a structured industry experience project to enhance their career prospects.

Prerequisites must be observed when selecting electives.

Postgraduate course information

Applications

Applicants need to lodge an application through the Universities Admissions Centre (UAC) or make a direct application at the UTS: Communication Postgraduate Information Evening. For most courses, applicants can be made an offer if they possess a bachelor's degree, a master's degree or a graduate diploma in any field of study, or a graduate certificate in the same field of study. Applicants who do not possess the relevant qualification must submit a CV and personal statement outlining their educational and professional achievements. Additional documentation is required for the Master of Arts in Creative Writing (C04109) (see page 324) and Master of Arts in Non-fiction Writing (C04244) (see page 367). Further information is available at:

www.postgraduate.uts.edu.au/applying

Postgraduate coursework

UTS: Communication offers graduate coursework programs in:

- information and knowledge management
- · international studies
- journalism
- media arts and production
- public communication, and
- writing.

Within each program, courses may be offered at the level of graduate certificate, graduate diploma or master's degree.

Most programs are articulated so that students can progress through the program at their own pace and more effectively meet their individual study and development needs. This also allows students to enter the program at a point appropriate to their qualifications and experience.

The graduate programs are normally structured as follows:

- master's degrees: 72 credit points
- graduate diplomas: 48 credit points
- graduate certificates: 24 credit points.

Students who successfully complete the graduate certificate or graduate diploma and who are admitted to a more advanced-level course in the program are eligible for recognition of prior learning in the more advanced course for completed subjects.

The graduate program generally consists of subjects from 200 to 500 level, with a master's degree requiring some subjects at 500 level.

All graduate courses are fee-paying courses.

Semester load

Full-time study is usually undertaken at the normal load of 24 credit points a semester.

Part-time study is usually undertaken at the normal rate of 8 or 16 credit points a semester.

Subject availability

Subjects in the graduate programs are normally offered every semester or every year. Classes proceed in a given semester only when there is sufficient demand. UTS: Communication reserves the right to cancel a class or a subject if it is not viable.

Electives

Where course requirements allow a free choice of electives, students may select subjects from graduate programs in UTS: Communication or subjects from other course areas in the University. Students may select subjects beyond the lists of elective subjects for particular courses with the approval of the graduate adviser. Not all subjects are available every semester.

Progression rules

Postgraduate students are advised that they may be excluded from a course if they exceed the maximum time allowed for completion of that course (section 10.5 of the University Rules).

Postgraduate research

UTS: Communication's research office prepares an information booklet, *Applying for a Research Degree*, which contains the selection criteria and details of supplementary information required by the faculty from course applicants.

The booklet is available from the research degrees administrator:

www.fass.uts.edu.au/postgraduate/research/apply

Application forms are available from the UTS: Graduate Research School or at:

www.research.uts.edu.au/future-students/apply.html

Applicants should contact one of the faculty's research strength directors and potential supervisors to discuss their proposed research project prior to submitting their application.

The deadline for applications for all applicants wanting to commence the following March is the final working day in October. In the event of a mid-year intake, the deadline is the last week in May.

Supervision

UTS: Communication has the capacity to supervise theses in the fields of:

- cultural studies
- · digital media and the social sciences
- information studies
- journalism
- media arts
- new media and cultural theory
- public communication
- public history
- public media
- social activism
- writing.

Within these broad fields there are specific areas of supervision capacity, which change slightly each year.

UTS: Communication research centres and strengths

Cosmopolitan Civil Societies

The Cosmopolitan Civil Societies Research Centre (CCS) aims to develop a better understanding of social change and cultural cohesion in Australia and other cosmopolitan societies. The centre's research interest is at the intersection of conflict and cohesion, and in how division can be transformed into dialogue, recognition and inclusion. Its research programs focus on social action, community capacity, migration and cultural diversity, and aims to inform policy-making for social and cultural sustainability.

The CCS research initiative draws on the expertise of the University's teaching and research staff in the areas of management, education, communication, cultural studies, social change, social inquiry, leisure, sport and tourism, international studies, urban sociology, sustainability, community studies, finance and economics, built environment, engineering, globalisation and law.

Research areas include:

- collective action and learning
- human rights and social justice
- migration, cultural diversity and racism
- strengthening civil societies.

Students research areas are:

- community capacity building
- migration, cultural diversity and cosmopolitan civil societies
- non-profit and community organisations
- social action.

Transforming Cultures

After 10 years, Transforming Cultures (TfC) is well established internationally in both scope and reputation. It focuses on interdisciplinary cultural and social research, sponsoring innovative projects with local impact in Australia and the Asia–Pacific and Indian Ocean regions. Projects include an examination of 'cultures of place', cultural citizenship, experimental history and the culture of memory, and international activism. The centre also seeks to develop and report accounts of change and intervention in a globalising world. One current major focus is India, a new economic powerhouse in the region.

The Transforming Cultures research centre explores cultures in the process of transformation as well as the (technological and other) cultures that are transforming societies across the globe. TfC researchers interrogate the social and cultural technologies that are transforming individuals, cultures and the societies of which they are part and on which they act. These include technologies of the body, of communication and of transculturation.

Project areas are:

- cultural frictions (convenor: Devleena Ghosh)
- environment, political ecologies and spatial cultures (convenor: Heather Goodall)
- experience-based inquiry (convenor: Catherine Robinson)
- experimental histories and cultures of memory (convenor: Katrina Schlunke)
- oceans and borders (convenor: Devleena Ghosh)
- transforming communications (contact: Tanja Dreher).

TfC researchers are drawn from across the humanities and social sciences, including anthropology, communication studies, cultural studies, gender studies, history, international studies, philosophy and sociology.

Student research areas are:

- social frictions and cultural citizenship (convenor: Andrew Jakubowicz)
- experimental histories and cultures of memory (convenor: Dr Katrina Schlunke)
- environment, political ecologies and spatial cultures (convenor: Heather Goodall)
- transnational studies (convenor: Devleena Ghosh)
- transforming communications (convenor: Penny O'Donnell)
- experience-based inquiry (convenor: Catherine Robinson).

Creative Practices and Cultural Economy

The Centre for Creative Practices and Cultural Economy (CPCE) provides a unique framework for the investigation of creative practice within a cultural economy context. It merges creative practice with cross-disciplinary areas such as public history, information technology, cultural analysis and economics. In doing so, the centre brings new

understanding to the creative industries concept. It explores a range of perspectives on the process of creativity from inception to production, in order to determine how meaning is made in contemporary society across a range of cultural forms.

The centre's core investigations are the key issues of cultural and economic values, their nature, their purpose and, most importantly, their intersection with each other and with creative practice.

The CPCE provides fresh perspectives by understanding cultural economy as a closely interwoven fabric of cultural and economic creative practices that represent a whole systems approach in the determination of value. This entails not only the tangible qualities that emerge through process and production, but the intangible processes of individual values, sense of place, identity and passion that are captured within all creative works.

Research hubs are:

- building creative societies
- creative media
- cultural heritage and tourism
- media and communication practices
- · wine and food
- · writing and literary cultures.

The CPCE has a significant body of research students, which enriches the research strength's creative culture. Members supervise a range of traditional and non-traditional master's and doctoral degrees, and their areas of expertise include:

- new media
- fiction
- non-fiction
- screenwriting
- public history
- history and memory
- media arts
- multimodality
- film and video
- documentary
- sound and music.

UTS: DESIGN, ARCHITECTURE AND BUILDING

Information for students

UTS: Design, Architecture and Building is located on City campus, Broadway, in the Peter Johnson Building (Building 6) on Harris Street.

The Building 6 Student Centre provides information and assistance to coursework students who have inquiries and concerns about student and course administration. The student centre coordinates a wide range of activities including enrolment, production and distribution of class timetables, identification of potential graduands, the processing of student leave applications, special consideration and variation of programs. The centre also assists with interpretation of University rules and regulations, and provides various forms for students.

The research degrees administrator provides similar assistance to postgraduate research students.

Location, contacts and inquiries

The Building 6 Student Centre is located on level 4 of the Peter Johnson Building (Building 6). It is responsible for a broad range of activities including admission, enrolment, graduation, timetabling, course information and promotion, and student progression matters.

Building 6 Student Centre CB06.4.05

702-730 Harris St, Ultimo

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

 $Hours: 9am-5pm\ Monday\ to\ Friday\ (except\ Wednesday); 12pm-5pm\ Wednesday$

These hours are extended during the first weeks of each semester.

Postal address

Faculty of Design, Architecture and Building PO Box 123

Broadway NSW 2007

Faculty structure

The Faculty of Design, Architecture and Building administers UTS: Design, Architecture and Building courses. The faculty consists of three schools that manage both undergraduate and postgraduate coursework degrees: the School of Design; the School of Architecture; and the School of the Built Environment.

UTS: Design, Architecture and Building has a research culture that respects distinct intellectual areas while encouraging internal and external research partnerships.

Teaching strategies

- students are motivated to want to learn
- students learn both in groups and independently
- students learn using a combination of theoretical and practical applications
- students adopt a scholarly approach to their studies
- students emulate practice
- students engage with the community
- students learn from feedback on exams, assignments and general performance, and
- research and writing skills are promoted.

Students learn from highly accomplished and motivated staff, student readers, workbooks and texts where appropriate.

Facilities

UTS: Design, Architecture and Building has state-of-the-art facilities including:

- a digital architecture studio and lab exclusively for Master of Advanced Architecture students
- an interactivation studio to research the interaction between people and technology
- the creative image laboratory used for teaching, workshops and general access for third- and fourth-year visual communications students
- fashion workshops and studios created for the design and construction of garments
- a moving image production video studio
- a fabrication workshop for metalworking, woodworking, general use, plastics, welding, spray painting, materials storage, tool storage and a 3D printer
- a photography studio for small, medium and large formats; black and white, and colour film processing and printing; lighting; backdrops; and darkrooms
- state-of-the-art computing lab, featuring a render farm and 21 dual-processor G5 Macs (these facilities are comprehensively upgraded every three years)
- the textile print workshop, which consists of a dye lab, a print area with two large print tables, transfer press and heat setter, a screen exposure room, a screen wash area and a drying area, and a coating area
- a digital workshop that holds 3D printers, a laser cutter and a 3D scanner
- a motion capture laboratory that has a Vicon optical system
 to capture human movement by a series of cameras and then
 encoded as digital data these data allow animators to produce
 characters with life-like movement and a 3D scanner
- DAB lab research gallery, which provides managerial assistance for academic staff and postgraduate student case studies and research projects
- UTS Gallery, which is a dedicated public gallery, presenting a rich and varied program of high quality exhibitions, educational activities and special events that make a significant contribution to the cultural life of UTS and the wider community of Sydney.

Centres

UTS: Design, Architecture and Building is home to several research centres (see page 59).

International exchange

Being an exchange student provides the opportunity to study and travel overseas, to experience and learn from the perspectives of other cultures, and to develop alternative ways of thinking and a new approach to learning.

UTS: Design, Architecture and Building has exchange agreements with the following universities:

- Hong Kong Polytechnic University
- Kyushu Institute of Design (Japan)
- Fachhochschule Vorarlberg GmBH (Austria)
- Fachhochschule Hannover; Fachhochschule Wiesbaden (Germany)
- Central Saint Martins College of Art and Design, London; Mackintosh School of Architecture; University of Brighton (UK)
- Ryerson Polytechnic University (Canada).

Cross-faculty courses

The Master of Animation (C04212) (see page 339) is a cross-faculty course incorporating the teaching strengths of the Faculty of Design, Architecture and Building; the Faculty of Arts and Social Sciences; and the Faculty of Engineering and Information Technology. The Bachelor of Photography and Situated Media (C10265) (see page 280) shares subjects with the Faculty of Arts and Social Sciences's Bachelor of Sound and Music Design (C10269) (see page 281).

Undergraduate course information

Undergraduate study in UTS: Design, Architecture and Building is unique. UTS: Design, Architecture and Building provides specialist design education focusing on the areas of fashion and textiles design, industrial design, interior design, visual communication and photography, and situated media design. The architecture program offers disciplinary and professional education, and the construction project management and property economics courses equip students to work in professional roles in their chosen industry.

School of Design

The Bachelor of Design offers six distinct professional areas of specialisation:

- Bachelor of Design in Animation (C10273) (see page 286)
- Bachelor of Design in Fashion and Textiles (C10306) (see page 295)
- Bachelor of Design in Integrated Product Design (C10304) (see page 293)
- Bachelor of Design in Interior and Spatial Design (C10271) (see page 284)
- Bachelor of Design in Photography and Situated Media (C10265) (see page 280)
- Bachelor of Design in Visual Communication (C10308) (see page 297).

Design students are required to undertake a professional core program specific to each individual course, as well as elective studies. The six areas also share a number of subjects within the design studies strand.

Design studies subjects

Design students are required to undertake 30 credit points of design studies subjects. Each subject is worth 6 credit points and is one semester in duration.

These subjects examine what is common to the different forms of design and the interface between design and other disciplines and professions. The subjects develop creative thinking within a critical framework and foster openness to difference and alternative futures while establishing criteria for judgment about the value of design proposals. The subjects also enhance students' abilities to work collaboratively and reflect individually. Through these subjects, students acquire an understanding of, and skills in, a range of aspects of design research:

- research for design investigating the cultural contexts of design problems and solutions
- research of design reflecting upon and explaining the nature of creative design processes
- research by design exploring and articulating what can be discovered about situations through designed interventions.

Not all subjects are offered every semester. Contact the Building 6 Student Centre for details.

Elective stream

Students are required to undertake 24 credit points of elective subjects. This may be in the form of a sub-major (24 credit points in a single specialist area) or chosen from a variety of electives offered by the different faculties in the University.

Overseas exchange

The design programs offer students the opportunity to undertake concurrent study at approved institutions overseas. UTS: Design, Architecture and Building has memorandum of understandings with institutions in Canada, Germany, Japan, Korea and the United Kingdom.

School of Architecture

The architecture program includes the Bachelor of Design in Architecture (C10004) (see page 125) (leading onto the Master of Architecture (C04235) (see page 353)).

UTS architecture courses provide students with the skills and knowledge necessary to practise in the architectural profession and to be future leaders in the design of the built environment. Students receive a rich education oriented towards international practice and design innovation, and gain a critical and ethical awareness of architecture as a discipline with much to offer in the face of many of the most pressing challenges of today: environmental and social sustainability, urban sprawl and amenity, cultural preservation and the livelihood of diverse communities. Graduates are highly skilled and sought after by the profession. The course is recognised both nationally and internationally.

The architecture program at UTS offers disciplinary and professional education through two distinct but consecutive and strongly interconnected degree courses.

The first comprises a Bachelor of Design in Architecture (BDes) (C10004) (see page 125), awarded after successful completion of three years of full-time study (or part-time equivalent). The second comprises a Master of Architecture (MArch) (C04235) (see page 353), which involves a further two years of full-time study (or part-time equivalent).

In general terms, the BDes can be seen as a liberal introduction to the study of architecture as a discipline. This degree can stand alone and equips students to join other design fields or related disciplines, or to go on to further academic research and study. It also plays an important role in preparing students for the MArch degree. In this second degree the emphasis lies on educating students for the practise of architecture. Together, the two degrees acknowledge the nature of architecture as both a discipline and a profession. Further information on the MArch degree is available from postgraduate course information (see page 59).

School of the Built Environment

The school offers two undergraduate courses:

- Bachelor of Construction Project Management (C10214) (see page 223)
- Bachelor of Property Economics (C10007) (see page 126).

The Bachelor of Construction Project Management (C10214) (see page 223) is concerned with the management of all aspects of the construction process and provides a high quality education for both construction managers and quantity surveyors.

It delivers all the recognised competencies for construction professionals and gives graduates the opportunity to diversify into project management. This unique degree provides graduates with the broader skills and knowledge required to meet the changing demands of the construction industry.

The course offers a first-rate building education and gives students opportunities such as industrial placements, field trips, practical and lab-based work, and international exchange programs. Students have access to state-of-the-art computing facilities. Every stage of the course includes a practical component and there is a substantial professional work experience program.

The Bachelor of Property Economics (C10007) (see page 126) produces highly skilled property professionals and is fully recognised by Australian employers, governments and professional associations.

Property is valued as a fundamental economic asset that affects the security and wealth of the owner. Success in this industry requires an understanding of the principles of valuation, legalities and ethics, economics, finance, accounting and management.

UTS: Design, Architecture and Building provides a broad-based applied property degree course that includes the important component of practical experience — full-time students complete their degree on a part-time basis for the final two years, ensuring all students have industry experience upon graduation.

Postgraduate course information

Postgraduate study in UTS: Design, Architecture and Building is sophisticated and contemporary. UTS: Design, Architecture and Building's design and digital architecture courses give students the chance to extend their abilities, developing both their broader and specific knowledge base to realise their potential as innovative designers. The property, planning and project management courses are renowned for their diverse, innovative and practical application, and flexible delivery options. UTS: Design, Architecture and Building offers Australia's only Master of Animation (C04212) (see page 339) and Master of Advanced Architecture (C04240) (see page 359).

UTS: Design, Architecture and Building has a cutting edge research culture, committed to developing knowledge, innovation and excellence. Research strengths have a national and international profile.

Postgraduate coursework

School of Design

Two postgraduate coursework degrees are offered by the School of Design:

- Master of Animation (C04212) (see page 339)
- Master of Design (C04243) (see page 366).

The Master of Animation (C04212) (see page 339) is the only qualification, at this level, devoted to animation in Australia. Coursework areas include traditional film animation, 2D and 3D digital animation, graphic visualisation, object-oriented programming and animation studies, culminating in the production of a short animated work.

Unique in Australia, the Master of Design (C04243) (see page 366) is intellectually vibrant, socially engaging, visionary, practice-focused and actively linked to industry. This course is centred around building a design community network. It provides a postgraduate education that is flexible in both its practice orientation and research integration. With a focus on design evolution, innovative integration of new technologies, practice and student experimentation, the Master of Design is delivered by experienced studio leaders who are acknowledged leaders in the specific industries and professions.

School of Architecture

Four postgraduate coursework degrees are offered by the School of Architecture:

- Master of Advanced Architecture (C04240) (see page 359)
- Master of Architecture (C04235) (see page 353)
- Graduate Diploma in Architecture (C07115) (see page 417).
- Graduate Certificate in Architecture (C11212) (see page 459)

The Master of Advanced Architecture (MAdvArch) (C04240) (see page 359) offers two distinct streams. The MAdvArch in Design Technologies is a design-based, post-professional coursework program that critically explores current advances in design production and thinking to postulate new forms of urbanism and architectural space. The MAdvArch in Urban Design focuses on research, technology and experimentation that is directed towards the spatial transformation of urban environments. It is available not only to architects, but all designers of the built environment.

The Graduate Diploma in Architecture (C07115) (see page 417) and the Graduate Certificate in Architecture (C11212) (see page 459) are tailored pathway courses into the Master of Advanced Architecture (C04240) (see page 359) only.

The Master of Architecture (C04235) (see page 353) is the second of a two-tiered degree structure and is the degree required for registration as an architect. The emphasis of this degree lies in educating students for the practise of architecture. The Master of Architecture is a professional degree, i.e. a qualification accepted for candidates seeking to take the professional examination of the Board of Architects and Australian Institute of Architects as a prerequisite to registration under the provision of the *Architects Act* 2003. The Master of Architecture may be undertaken only after the successful completion of the Bachelor of Design in Architecture (C10004) (see page 125) degree (or equivalent); a degree that by itself does not lead to professional recognition.

School of the Built Environment

This school offers postgraduate programs in project management, property development and planning. In particular, the project management courses are generically designed so the skills learned can be applied to a wide range of business fields and industry.

The planning program enhances knowledge and skills in urban analysis, policy and the use of emerging technologies. It has a strong emphasis on master planning, sustainability and urban design, equipping its graduates so they can respond to changing natural, economic and social environments. The engaged, practical nature of the course prepares graduates for leadership roles in government departments and agencies, major development companies and private consulting firms.

The property development program provides a thorough and advanced grounding in all aspects of the property development process, markets and institutions, including the political, managerial, legal and physical systems which contribute to the effective management and development of property assets, property investment portfolios and development proposals.

The project management program provides practice-based knowledge, skills and tools necessary for the delivery of different types and sizes of projects and programs across all industry sectors, underpinned by theory and research. At the forefront of industry trends, the UTS program incorporates project complexity, program management, governance, reflective practice and leadership into its subject offerings. It has a global recognition for its rigorous focus on quality.

The courses offered are:

- Graduate Certificate in Property and Planning (C11001) (see page 421)
- Graduate Certificate in Project Management (C11005) (see page 422)
- Graduate Diploma in Property Development (C06006) (see page 385)
- Master of Planning (C04007) (see page 301)
- Master of Project Management (C04006) (see page 300)
- Master of Property Development (C04008) (see page 302).

Postgraduate research

UTS: Design, Architecture and Building offers five research degrees:

- Master of Architecture (Research) (C03001) (see page 486)
- Master of Built Environment (Research) (C03002) (see page 486)
- Master of Design (Research) (C03012) (see page 487)
- Doctor of Philosophy (C02001) (see page 472)
- Doctor of Project Management (C02051) (see page 481).

Contacts and inquiries

Further information on research programs is available from:

telephone +61 2 9514 8080 fax +61 2 9514 8966 Ask UTS www.ask.uts.edu.au www.dab.uts.edu.au

Research centres

UTS: Design, Architecture and Building is home to the Centre for Contemporary Design Practices (a UTS research strength), the Designing Out Crime Research Centre, the Asia–Pacific Centre for Complex Real Property Rights and the Built Environment Design and Management research group.

UTS: EDUCATION

Information for students

UTS: Education caters for a broad range of educational practitioners' professional development needs, from primary through to adult workplace teaching and learning. Undergraduate and postgraduate courses in teacher education and postgraduate courses in adult education provide a rich program combining theory and practice with unique opportunities to discover more about learning in a variety of contexts – in schools, vocational colleges, corporations and learning centres in Australia and overseas. UTS: Education is located on City campus and Kuring-gai campus.

Credit recognition policy

UTS: Education recognises both formal and informal prior learning. For more information consult the policy on credit recognition at: www.education.uts.edu.au/students/admin/credit.html

Student support

UTS: Education helps students develop their learning skills through services provided by the following support units.

Academic liaison officers

As part of UTS: Education's equity plan, an academic liaison officer is available at each campus to help students with physical, psychiatric and medical issues and other special needs. The liaison officers negotiate with lecturers on students' behalf for any reasonable adjustments required to ensure equity of educational opportunity. This may include provision of signers, notetakers, extensions of time, alternative assessment tasks and special exam conditions.

Kate Collier City campus telephone +61 2 9514 3461 email Katharine.Collier@uts.edu.au

Robyn Staveley Kuring-gai campus telephone +61 2 9514 5381 email Robyn.Staveley@uts.edu.au

Computing facilities for UTS: Education students City campus

At Building 10 (CB10) on City campus, UTS: Education has a digital media learning space. This facility incorporates leading-edge concepts in educational design and technology. The computer facility provides powerful Macintosh computers with a suite of common up-to-date software installed for document production, web authoring, video and image editing, internet and email access. They are compatible with a range of foreign language fonts. Printing and scanning facilities are also available for students. UTS: Education students have access to these facilities when classes are not in progress.

Presentations in Building 10 teaching spaces may be complemented by data projectors linked to electronic lecterns. These integrate an internet-connected computer, DVD player, VHS player, document imager and sound system for media rich learning experiences. A number of mini-studios with camera, lighting and playback facilities allow students to videotape and review presentations. Building 10 also contains a general access computing laboratory and a computer kiosk on the street level. These are available to enrolled students 14 hours a day.

Kuring-gai campus

There are five computer laboratories for students' use at Kuring-gai campus. Four of these have Windows-based computers installed and offer an excellent range of software. The largest lab is the Macintosh lab where many of the courses are conducted. This lab contains 30 new networked multimedia computers, a laser printer and a scanner. Students have free access to this lab and a large range of software when classes are not in progress. There is also a collection of educational software and a digital art facility. Students have access to the internet and their own email account from all the computers in the laboratories.

International links

UTS: Education has a history of strong international links and has offered programs in Laos, Cambodia, Hong Kong, Vietnam, Thailand, Japan, the South Pacific region, Europe, the Middle East and South Africa.

UTS: Education has seen increasing numbers of international students from Japan, China, South Korea and from countries in Africa and the Middle East. The most popular courses with international students are in teaching English to speakers of other languages (TESOL), a language major in secondary teaching, e-learning, and individual subjects done in study abroad programs.

In the teacher education courses students have the opportunity to do overseas practicums in Thailand, Samoa and China. The Bachelor of Arts in International Studies is also available as a combined degree with UTS: Education undergraduate degrees and offers students the opportunity to live and study overseas in a country of choice for two semesters.

Teacher education

UTS: Education offers pre-service teacher education courses at Kuring-gai campus for beginning teachers in primary and secondary education.

Primary education is offered in a full-length Bachelor of Education degree, which may be taken as a four-year Bachelor of Education in Primary Education (C10206) (see page 219) or as a five-year combined Bachelor of Education Bachelor of Arts in International Studies (C10208) (see page 221). Both courses provide a fully recognised teaching qualification in primary education. There is also a nonteaching qualification exit option, the Bachelor of Arts in Educational Studies (C10209) (see page 223), for students who complete three years of study.

Secondary education is offered as a graduate-entry program, the Bachelor of Teaching in Secondary Education (C08002) (see page 468) for students with an undergraduate degree in an area of specialisation. It is available in the following specialised areas: English; languages; mathematics; personal development, health and physical education; science; visual arts; English/history; mathematics/science; mathematics/computer studies; and business studies/economics/computers

Other postgraduate courses are designed for qualified and experienced teachers who wish to extend their professional skills. These include master's courses in e-learning, TESOL, education and applied linguistics.

People considering teaching as a career should be aware that teachers need:

- high levels of competence in literacy and numeracy
- high levels of competence, or the willingness to achieve competence, in information and communication technologies, and
- a fundamental interest in learning.

Initial teacher education courses

The initial primary teacher education courses available are:

- Bachelor of Education in Primary Education (C10206) (see page 219)
- Bachelor of Education Bachelor of Arts in International Studies (C10208) (see page 221), during which students prepare for primary school teaching and acquire knowledge and understanding of another language and culture.

These are interlinked courses designed to prepare students for teaching in primary schools. The two courses share a common core of professional experience, key learning areas and contextual studies. This common structure enables students to change courses at the end of their first year, subject to places being available.

In addition, the Bachelor of Education in Primary Education allows students to study a choice of electives. Meritorious students can instead choose to complete an honours program. In the Bachelor of Education Bachelor of Arts in International Studies, students undertake a country major choice instead of electives or honours.

Professional Experience

Professional Experience contains two interlinked elements:

- campus-based studies that examine the range of theoretical issues, skills and procedures central to effective pedagogical practice, and
- field experiences where students engage in a variety of professional interactions in schools and other educational settings.

These combined elements foster the development of professional knowledge, skills and attitudes with which teachers should begin their careers. Students may apply to undertake field experience in an existing international professional experience program in Thailand, China or Samoa.

Through its provision of developmentally sequenced and integrated campus- and field-based experience, the Professional Experience stream promotes learning about learning, learning about self, learning about school life and learning about teaching.

UTS: Education rules specify that failing a professional experience subject for the first time places the student on probation and failing the same teaching practicum for the second time leads to exclusion.

All students participating in the internships that require them to supervise students without the presence of a qualified teacher are subject to a criminal records check by the NSW Department of Education and Training. The department, on the basis of the criminal records check, reserves the right to reject or suspend the participation of any student in such programs. It is expected that such security checks also apply to schools other than NSW departmental schools.

Criminal records checks are carried out only with the student's consent. All students are requested to complete a form that authorises a criminal records check to be undertaken. Any refusal to undergo the check results in the student being unable to complete the course requirements.

Full details are provided in general information (see page 25).

Key Learning Areas

The subjects in this stream fall into the following curriculum areas:

- English education
- information technology education
- mathematics education
- music education
- personal development, health and physical education
- science and technology education
- social and environmental education
- visual arts education.

Contextual Studies

Subjects within the Contextual Studies stream encourage students to draw on perspectives gained from all components of their degree, so that in the latter part they can refine and articulate their personal theories of learning and justify them with reference to research evidence from classroom practice and theoretical insights.

Bachelor of Arts in Educational Studies

Students who were originally admitted into the Bachelor of Teaching in Secondary Education, Bachelor of Education in Primary Education or Bachelor of Education Bachelor of Arts in International Studies have the opportunity of changing to a three-year degree: the Bachelor of Arts in Educational Studies (C10209) (see page 223) (subject to the approval of the course coordinator). This degree does not provide qualifications to teach.

For further details contact:

telephone 1300 ask UTS (1300 275 887)

Ask UTS www.ask.uts.edu.au

Adult education

UTS: Education offers a dult education postgraduate courses for people who work, or wish to work, as:

- human resource developers
- education and learning consultants
- vocational educators and trainers
- language, literacy and numeracy educators, and
- Aboriginal educators and community managers.

Adult education courses are shaped by the following educational principles derived from adult learning theory.

- Learning is a collaborative endeavour involving the mutual negotiation of meaning and understanding.
- Learning is enhanced through the recognition and use of experience and the acquisition and application of knowledge in practice-based activities.
- Learning is a lifelong and socially embedded activity, dependent on mutual respect, diversity of approach and the recognition of relevance to learning.
- Learning involves the appreciation and application of theories in the different and changing contexts of professional practice.
- Learning is enhanced through discussion, critical thought and reflection on taken-for-granted assumptions and practices.

- Learning involves mutual obligations based on the valuing of difference, respect for diversity, responsible and ethical self management.
- Learning is a developmental process involving the recognition, articulation and transformation of knowledge, personal values and theoretical frameworks.

Workplace/flexible learning

Recognising the competing demands of work and home life for students, UTS: Education offers adult education courses in a variety of study modes, which can be tailored to meet student needs. Students can choose to study full time or part time. Many subjects are offered in a variety of learning modes including weekly classes, blocks (intensive, face-to-face learning programs conducted over a number of days each semester, often during school holidays) and weekend workshops. Many of the master's courses can be done by distance, supported by email contact with lecturers and UTSOnline web-based conferencing tools to keep students in touch with others in their course.

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

fax +61 2 9514 3939

Ask UTS www.ask.uts.edu.au

www.education.uts.edu.au

Training and Development Services

Training and Development Services provides consultancy services and workplace training programs in the fields of training, human resource development and vocational education.

telephone +61 2 9514 3888

fax +61 2 9514 3811

email Michelle.Hatcher@uts.edu.au

www.tds.uts.edu.au

Postgraduate course information

Postgraduate coursework

Progression rules

In accordance with section 10 of the University Rules (Academic Progression), postgraduate students are advised that they may be excluded from a course if they exceed the maximum time allowed for completion of that course (rule 10.5).

Postgraduate research

Centre for Research in Learning and Change

UTS: Education has a well-established and internationally recognised reputation for undertaking research that focuses on the complex and multifaceted relationship between learning and change. Lead researchers are successful in winning competitive research funding and are committed to collaborative approaches to their investigations.

The focus of the research is the investigation of the ways in which learning influences and is influenced by changes in educational institutions, workplaces, organisations and communities. The research aims to produce knowledge and practices to enhance learning, to promote more productive organisations and build more effective communities. At the heart of this research endeavour is to understand how learning responds to change, how learning is changing, and how change is embedded in and constructed by cultural and communication practices.

Central to the capacity to change is the ability to learn, not just to have learned well in educational institutions, but to keep learning, to be ready to learn again. Governments, business, communities, professional bodies and special interest groups increasingly invoke learning as a key strategy in understanding and facilitating social, cultural, environmental and economic responses to the numerous challenges presented by post-industrialisation and advances in technology, particularly in information and communication technologies.

The research projects are outcomes based and research outputs are published widely and disseminated through working papers and a seminar series. UTS: Education researchers have extensive experience working in partnership with research sponsors.

Research activities are embedded in the six broad research programs of the UTS research strength:

- discourses and cultural practices
- · working, learning and professional practice
- · changing communities: education and social action
- · teacher learning and development
- language, literacy and literature
- learning and teaching in a digital age.

UTS: Education research students come from a variety of professional communities, are encouraged to be active members of the research centre and programs, and are integral to the success of the UTS: Education research activities and profile. The research degrees are closely linked to the research programs and priority areas for research student applications. Prospective research students are encouraged to view the UTS: Education website to obtain more information about research programs.

A full list of staff research interests and expertise is available at: www.rilc.uts.edu.au

Further information

telephone +61 2 9514 4547 fax +61 2 9514 3939 email Margaret.McGrath@uts.edu.au www.education.uts.edu.au

UTS: ENGINEERING

Information for students

The Faculty of Engineering and Information Technology (FEIT) is Australia's leader in practice-oriented engineering and IT education and research, and currently enrols over 7000 students in industry-recognised courses from undergraduate to doctoral level.

The faculty prides itself on its high level of engagement with the engineering and IT professions locally and internationally, by offering short courses and consulting expertise to the local community, and internationally through its courses offered in Hong Kong and Singapore, a significant local international student population and a robust student exchange program. FEIT is also the leading research faculty at UTS, with a diverse range of research being undertaken in matrix across the faculty's eleven research centres (including one institute) and five academic schools.

The faculty structure comprises four portfolio areas in teaching and learning; research; international; and external engagement, each led by an Associate Dean. Five schools house the academic sub-disciplines of the Faculty of Engineering and Information Technology:

- School of Civil and Environmental Engineering
- School of Computing and Communications
- School of Electrical, Mechanical and Mechatronic Systems
- School of Software
- School of Systems, Management and Leadership.

Location, contacts and inquiries

The Faculty of Engineering and Information Technology is located at City campus, Broadway, in Buildings 1, 2 and 10. Key staff are:

Professor Hung Nguyen

Dear

telephone +61 2 9514 4441 email Hung.Nguyen@uts.edu.au

Dr Tim Aubrey Associate Dean (Teaching and Learning) telephone +61 2 9514 2360 email Tim.Aubrey@uts.edu.au

Professor Mary-Anne Williams Associate Dean (Research) telephone +61 2 9514 2451

email Mary-Anne.Williams@uts.edu.au

Professor Keith Crews Associate Dean (External Engagement) telephone +61 2 9514 2619 email Keith.Crews@uts.edu.au

Professor Deepak Sharma Associate Dean (International) telephone +61 2 9514 2422 email Deepak.Sharma@uts.edu.au

Professor Bijan Samali

Head, School of Civil and Environmental Engineering

telephone +61 2 9514 2023 email Bijan.Samali@uts.edu.au

Professor Doan Hoang

Head, School of Computing and Communications

telephone +61 2 9514 7943 email Doan.Hoang@uts.edu.au

Professor Jianguo (Joe) Zhu

Head, School of Electrical, Mechanical and Mechatronic Systems

telephone +61 2 9514 2318 email Jianguo.Zhu@uts.edu.au

Professor Jie Lu Head, School of Software telephone +61 2 9514 1838 email Jie.Lu@uts.edu.au

Professor Igor Hawryszkiewycz Head, School of Systems, Management and Leadership telephone +61 2 9514 1809 email Igor.Hawryszkiewycz@uts.edu.au Annette Giles Faculty Manager telephone +61 2 9514 4443 email Annette.Giles@uts.edu.au

Engineering and Information Technology Outreach Office

The Engineering and Information Technology Outreach Office manages all faculty marketing activities and school liaison. It is located in Building 2, level 4, room 16 (CB02.4.16). This connects with Building 1 at City campus, Broadway.

The office is generally open from 9am-5pm Monday to Friday.

telephone +61 2 9514 2666 fax +61 2 9514 7803 email engineering@uts.edu.au www.eng.uts.edu.au

Postal address

Faculty of Engineering and Information Technology University of Technology, Sydney

PO Box 123

Broadway NSW 2007

UTS Student Centres

All inquiries from currently enrolled UTS students are handled by the UTS Student Centres located across the City (Broadway and Haymarket) and Kuring-gai campuses.

Students enrolled in UTS: Engineering degrees (undergraduate and postgraduate coursework) are advised to direct all their course-related inquiries to:

Building 1 Student Centre

CB01.4 – City campus, Broadway, Building 1, level 4, foyer telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

Key student liaison staff

The staff below are the key liaison staff for engineering and information technology students requiring specialist or academic advice to manage their enrolment and student candidature. All students are to direct all initial inquiries to the UTS Student Centre where their inquiry will be processed and forwarded to the key contact staff below only if the matter cannot be resolved by Student Centre staff. An appointment with these staff is based on referral from the UTS Student Centres or within staff consultation times.

Dr Rob Jarman

Director, Undergraduate Programs: UTS: Engineering telephone +61 2 9514 2368 email Rob.Jarman@uts.edu.au

Dr Prasanthi Hagare

Director, Postgraduate Coursework Programs: UTS: Engineering telephone +61 2 9514 1952 email Prasanthi.Hagare@uts.edu.au

Chris Wong

Director, Undergraduate Programs: UTS: Information Technology telephone +61 2 9514 7938 email Chris.Wong@uts.edu.au

Mr Rene Leveaux

Director, Postgraduate Coursework Programs: UTS: Information Technology $\,$

telephone +61 2 9514 1958 email Rene.Leveaux@uts.edu.au

Mr Craig Shuard Research Administration Officer telephone +61 2 9514 4460 email Craig.Shuard@uts.edu.au

Ms Phyllis Agius Research Administration Officer telephone +61 2 9514 2686 email Phyllis.Agius@uts.edu.au Tracey Moore Manager, Academic Programs Office telephone +61 2 9514 2671 email Tracey.Moore@uts.edu.au

Beate Buckenmaier Manager, International telephone +61 2 9514 2590 email Beate.Buckenmaier@uts.edu.au

Faculty contacts and areas of interest

A comprehensive list of UTS: Engineering academic staff and their research areas is available from:

www.feit.uts.edu.au/about.html

Additional English language and mathematics requirements

UTS: Engineering requires commencing students to undertake English language and mathematics readiness surveys so that the most effective study patterns can be advised. UTS: Engineering reserves the right, when appropriate, to require students who are identified as needing additional support to undertake preparatory English language and/or mathematics courses prior to progressing further in the course, or to restrict the level of advanced standing awarded where this is indicated as appropriate by these readiness surveys.

UTS: Engineering clubs and societies

UTS: Engineering has an active student-run society — the UTS Engineering Society — supporting over 1000 members. The Society runs both industry networking events and a social calendar. It also proudly runs Orientation Camp annually for all new engineering students.

Further information is available from:

www.engsoc.org.au

https://www.facebook.com/groups/2387194794 email.utsengsoc@gmail.com

UTS: Engineering facilities

UTS: Engineering has a strong commitment to providing an effective and supportive learning environment for its students. The Remote Laboratory, one of the first of its kind in the world, enables students to conduct experiments in real time on real experimental equipment via the internet. State of the art labs within the faculty include the Civil Engineering Lab which houses the Shaker Table, the only earthquake simulator of its size in Australia. Engineering students have access to both University computing laboratories as well as a number of faculty computing laboratories adapted for specific courses. The Learning and Design Centres are located at CB01.25.15 and CB02.6.39. They provide access to tutors for individual and small group support, reference material, and software and hardware resources, on a drop-in basis, and are open for extended hours.

Compulsory safety induction

As part of the faculty's commitment to safety, all engineering and IT students are required to annually complete a safety induction in order to access PIN-protected facilities within the faculty. Completion of the safety induction is not required to be able to attend scheduled/ supervised lab sessions or use some IT labs during business hours. Students enrolled in an engineering or IT course are automatically given access to enrol in the safety induction through UTS Online (the forum is called 'UTS: Faculty of Engineering and Information Technology - Safety Induction').

Students from outside the faculty who enrol in engineering or IT subjects and who need PIN access to faculty facilities must contact the faculty to get enrolled in the safety induction forum:

email FEITPinAdmin@uts.edu.au

This is also the contact for students who have problems with their PIN access.

Professional bodies in engineering

Engineers Australia

Engineers Australia is the principal professional body and learned society for engineers in Australia. Its membership covers all branches of engineering, with specialist colleges catering for the main fields of practice. Its headquarters is located in Canberra, with operating divisions in capital cities and regional centres. The local division, which covers UTS, is the Sydney Division. It runs an annual program

of lectures, seminars and professional activities, with particular events for young engineers. The division's office is located in Chatswood: telephone +61 2 9410 5600

www.engineersaustralia.org.au

The Association of Professional Engineers, Scientists and Managers, Australia

The Association of Professional Engineers, Scientists and Managers, Australia (APESMA) provides advice and assistance on employment-related matters for professional engineers, scientists and managers. Student members receive the publication The Student Update three times a year, which gives practical insight into the workplace and employment issues that affect them as professional engineers. For information and student membership application forms contact APESMA on:

telephone 1300 273 762

Other bodies

There are a number of other national and regional associations representing particular branches of engineering. UTS: Engineering staff with interests in the field concerned are often active in these bodies and able to provide information.

Women in Engineering and IT program

The Women in Engineering and IT (WiE&IT) program at UTS is a long-standing initiative to redress the low rate of female participation in the field by: communicating the opportunities of engineering and ICT careers as a course of study; promoting the involvement of women in the course, the Faculty and research at UTS; and by networking with professionals from engineering and ICT fields and professional organisations. It also seeks to address attitudes and behaviours which may deter students and staff from achieving, in a safe and rewarding learning, research and working environment.

The WiE&IT program invites students, staff and industry to support the ongoing activities in 2013 and contribute ideas for new initiatives which will attract and support more women to choose to study engineering and IT.

Read more about the program at:

www.utswomeninengineeringandit.blogspot.com

www.feit.uts.edu.au/women

Practice-oriented engineering education

What does it mean?

Practice-oriented engineering education requires students to experience the reality of engineering from an early stage in their professional formation — through internship. It actively relates this experience to their developing understanding of engineering theory, analysis and laboratory work, and to studies in other disciplines, and it promotes critical and creative thinking based on knowledge gained outside as well as within the University. This interaction requires that most academic staff have significant experience of engineering practice and keep it constantly refreshed. Educational programs in which students or a majority of staff do not have current experience cannot validly be called practice-oriented.

Practice-oriented education is more than practice and more than education. A university education should impart a thorough grasp of fundamental principles, a respect for knowledge, a capacity for critical inquiry and lateral thinking, a fluency in communication, a pride in excellence and an eagerness to contribute to shaping the future. Practice-oriented engineering education claims that these attributes can be more effective when they have been developed in contact with the human and technical challenge of real engineering situations.

Engineering education at UTS

In Australia, the basic qualification for professional engineering is the Bachelor of Engineering (BE) degree. At most universities, the BE occupies four years of full-time academic study. At UTS, as well as completing the academic program, all undergraduate engineering students must gain substantial approved engineering experience in industry or in other authentic professional settings. This experience must be distributed over the period of the course and must meet standards of quality and relevance. This experience is recognised in the award of a Diploma in Engineering Practice (DipEngPrac). The combined BE DipEngPrac degree takes five years to complete.

Graduates of most university engineering courses need up to two years' experience in industry, after graduation, before they are able to assume real responsibility. UTS: Engineering graduates have already gained much of this experience together with a real understanding of the interrelations between theory and practice, technology and human factors. They are equipped to undertake professional responsibility much sooner than graduates of other courses at other universities — often upon graduating.

The combination of formal academic learning in the University and experiential learning in the workplace is called cooperative education. UTS: Engineering courses have embodied this principle for over 30 years. The courses are highly regarded in industry and, according to many reports and surveys, the graduates enjoy the highest employment rate of any engineering degree courses in Australia. Cooperative education is also well known and highly regarded in other countries, particularly in North America. UTS is a member of the World Council for Cooperative Education.

The UTS BE DipEngPrac extends the concept of practice-oriented engineering education into one of total professional formation and leads to the combined award of Bachelor of Engineering Diploma in Engineering Practice (C10061) (see page 140). Students' perception of the value of the periods spent employed in industry — the internships — is illustrated by the very high percentage of students who choose to continue to mix work and study even after completing the formal internship requirements.

Other UTS: Engineering courses, undergraduate and postgraduate, are also designed to interact strongly with industry, though the work-experience requirements are mostly less structured than those of the BE DipEngPrac. In all programs, the majority of students already have significant industrial experience or are gaining it concurrently. UTS: Engineering has policies for maximising opportunity for its academic staff to maintain first-hand experience in industry and engages many practising engineers as adjunct teaching staff. It also strongly encourages collaborative research and consultancy with industry and many of its research students are industry-based. The predominant culture, therefore, is strongly practice-oriented and this also benefits the relatively small number of students who do not yet have engineering work experience.

In all of its activities, UTS: Engineering seeks to promote a better understanding of the role of engineering in society and to promote and support service to the community through other channels as well as industry.

Continuing professional education

Practising engineers wishing to undertake continuing professional education may, if class sizes permit, enrol in single subjects. All enrolments on this non-award basis incur full-cost recovery fees. Their successful completion creates the possibility of advanced standing credit under existing University policies, should candidates decide to enrol in a course.

Further information is available at:

www.uts.edu.au/study/fees.html

In addition, in-house short courses, seminars, workshops and other professional development programs are offered from time to time, frequently in response to corporate invitations or opportunities arising from visits by international experts.

Further information on continuing professional opportunities through UTS: Engineering is available at:

www.eng.uts.edu.au/courses/short

Short courses

Courses in playground safety

The Royal Society for Prevention of Accidents (RoSPA) and UTS: Engineering offer regular short courses on playground safety, design, maintenance and inspection including:

- Accredited Outdoor Playground Inspectors Course: Routine Inspections Level 1 (1 day)
- Accredited Outdoor Playground Inspectors Course: Operational Inspection Level 2 (3 day)
- Accredited Outdoor Playground Inspectors Course: Revision and Reaccreditation Operational Inspection Level 2R (1 day)
- Designing Playgrounds and Outdoor Spaces: Module A Standards and Accessibility (2 day).

Floodplain Risk Management

The Floodplain Risk Management subject is aimed at elected local government councillors, community representatives on floodplain risk management committees, engineers and planners in both government and consultancies seeking a background in floodplain risk management and associated land use planning issues.

This course is conducted by UTS in conjunction with the:

- Floodplain Management Authorities (FMA), and
- NSW Department of Environment and Climate Change (DECC).

Taught by industry experts, including those from DECC, the NSW State Emergency Service, local government and consultancy, this course shows how to develop and implement floodplain risk management in accordance with the Floodplain Development Manual. Courses available:

- Introduction to Floodplain Risk Management
- Managing Flood Risk to Existing Property
- Effective Consideration of Flood Risk in Land using Planning.

Further information

For further information, contact:

Angelia Lawah, UTS: Engineering Short Course Administrator telephone +61 2 9514 1806 email Liuangelia.Lawah@uts.edu.au www.eng.uts.edu.au/courses/short

Undergraduate course information

UTS: Engineering's flagship course is the five-year Bachelor of Engineering Diploma in Engineering Practice (C10061) (see page 140). Students graduating with this award can major in civil, civil and environmental, electrical, ICT engineering, innovation, mechanical, mechanical and mechatronic engineering or graduate without specifying a major. In addition, a major may be combined with a sub-major in another discipline.

UTS: Engineering also offers a four-year Bachelor of Engineering (C10067) (see page 152) available only to international students, a three-year Bachelor of Engineering Science (C10066) (see page 149) available only to international students, as well as the combined degree awards Bachelor of Engineering Bachelor of Arts in International Studies Diploma in Engineering Practice (C10062) (see page 146), Bachelor of Engineering Bachelor of Business (C10065) (see page 148), Bachelor of Engineering Bachelor of Science (C10073) (see page 160), Bachelor of Engineering Bachelor of Medical Science (C10075) (see page 167), Bachelor of Engineering Bachelor of Biotechnology (C10078) (see page 170) and Bachelor of Engineering Science Bachelor of Laws (C10136) (see page 190).

The same educational philosophy underpins all awards: students undertake a set of core subjects, a set of practice subjects that defines their major and, in some cases, a set of electives. The Diploma in Engineering Practice award requires the completion of two internships. The single Bachelor of Engineering and combined Bachelor of Engineering courses require the completion of 12 weeks work experience. The credit recognition policies and assumed knowledge are the same for all courses.

The Bachelor of Engineering Diploma in Engineering Practice is described below including information on course structure. For detailed information on the subjects in each major, or information on other courses, refer to the individual course entries (see page 12).

Bachelor of Engineering Diploma in Engineering Practice

The program leading to the combined award of Bachelor of Engineering Diploma in Engineering Practice (C10061) (see page 140) (BE DipEngPrac) is a comprehensive preparation for careers in the professional practice of engineering.

The BE DipEngPrac is a combined award and the Diploma in Engineering Practice is not available separately. Both elements of the program are closely interwoven and interdependent, and prepare students for professional engineering internships by linking theory and application. The degrees combining engineering with business, biotechnology, science and medical science may also be combined with the Diploma in Engineering Practice.

As noted above, the combination of formal academic learning in the University and experiential learning in the workplace is called 'cooperative education'. UTS: Engineering courses have embodied this principle for over 30 years. The courses are highly regarded in industry and, according to many reports and surveys, graduates have enjoyed correspondingly high employment rates; the highest of any engineering degree courses in Australia.

Engineering education in many countries is undergoing revolutionary change and the UTS program is at the forefront of much of this change.

At present, students can major in the combined award in one of the following areas: civil engineering, civil and environmental engineering, electrical engineering, ICT engineering, innovation engineering, mechanical engineering, mechanical and mechatronic engineering, or with a non-specified major. The choice of major can be made at entry or postponed until the end of the first year without extending completion time (subject to availability of places and adequate performance). Further majors may be introduced in subsequent years in response to technological developments and employment demand, and provision will be made to allow students to change from existing majors. It is also possible for students to negotiate a program that focuses on an area outside the designated majors. There is considerable elective scope which can be used to extend engineering knowledge or to take a sub-major in a discipline such as business or social science.

Course structure

The overall program comprises five principal components: the core program, the Engineering Practice Program, the fields of practice subjects, the electives and the Capstone Project. The core program, the Engineering Practice Program and the Capstone Project are common to all students undertaking the BE DipEngPrac.

Core program

This component provides a framework covering knowledge, skills and attributes that are relevant to all engineers across all fields of practice. It consists of common mathematics and physics subjects, and common engineering subjects which draw on several fields of engineering practice to develop interdisciplinary knowledge and skills within the larger context of professional practice.

The core program runs throughout the course from admission to graduation. Students take differing combinations of subjects in their first year, and in each successive year, depending on their choice of major.

Engineering Practice Program

The Engineering Practice Program supports and assesses student learning in workplace and community environments. Its objectives are to prepare students for engineering work experience, to support them during that experience and to assist them in maximising learning. The program also supports the integration of this experiential learning with the theoretical and practical aspects of the academic curriculum.

A fundamental objective is to develop the ability to learn in a wide variety of modes and contexts and to critique and contribute to those learning environments on a lifelong basis.

The program is administered through a series of subjects offered in various modes. Students enrol in the program as a whole and are guided through the respective modules. Students are ultimately responsible for their progression through the program. Academic staff and workplace mentors and supervisors act as facilitators; administrative staff assist in ensuring that students' progress is recorded and validated; and Industry Partnering Unit staff assist students in securing suitable work placements and in establishing cooperative programs with industry and the community.

The minimum time in the workplace required to satisfy each engineering internship subject is 22 weeks. In total, however, 48 weeks must be gained by the required deadline to meet course requirements and to be eligible to graduate.

Internships are organised into two blocks of six months each. Students are required to undertake the relevant prerequisite subjects prior to undertaking their internships and in a semester following an internship are required to enrol in the appropriate review subjects. Credit point limits also apply to some of these subjects. Details of prerequisite subjects and subjects required to be completed after each internship are listed under STM90271.

While students are encouraged to undertake additional work experience, they are only permitted to complete each of the two official internships once.

Industry Partnering Unit

The Industry Partnering Unit (IPU) assists students in obtaining internships. The staff of the IPU maintain contact with industry and on average facilitate 250 internships a semester. IPU staff keep records of students' intentions of seeking and securing internships. A service is also offered to advise students on the preparation of résumé, presentation at interviews and advice on how to find work opportunities in Australia and overseas. Students seeking work experience must register with IPU in the semester preceding their intended period of work and the semester of their internship.

IPU maintains a database, called Industry Internship Management System (I2MS), which provides the interface between the student and company. Once students have access and an active résumé on I2MS they can apply for internships. This system also records the detail of junior and senior internships. It is the students' responsibility to advise

IPU of the start and finish dates of the internship and also check they enrolled in the appropriate engineering experience subjects.

Fields of practice and majors

This component relates theoretical and practical learning from core subjects to applications in specific fields of engineering internship. It develops knowledge of engineering science and technologies relevant to particular branches of engineering and specialist technical expertise. Particular sets of subjects constitute majors in the respective fields of practice, as set out below. A major provides the essential foundations needed for practice in that field, familiarity with current practice, awareness of likely developments and knowledge of resources available for future self-directed learning.

All majors emphasise and develop the essential engineering skills of observation and experimentation, analysis and synthesis, modelling, systems thinking, conceptual reasoning and judgment, and problem formulation and solving, using as case studies the technologies and contexts relevant to the particular field of practice. Each major involves substantial laboratory content, designed to integrate theoretical and practical understanding. All are designed to link with the core program and with engineering internship.

The totality of all fields of practice subjects across all majors provides the pool from which students wishing to graduate with a non-specified major may draw (subject to approval) to make up their field of practice component. Some fields of practice include subjects taught wholly or partly by other faculties.

Electives

In general, students may devote 24 credit points to electives. A range of electives may be taken to broaden or deepen knowledge. Some students may wish to explore introductory engineering subjects before making their choice of major, in which case the additional subject(s) may be counted (subject to conditions) as part of the elective component. The elective component also provides a mechanism for recognition of prior learning. Further, the elective component affords maximum flexibility for students wishing to undertake study on international exchange with our overseas partner institutions.

Students are not permitted to take an elective subject that covers substantially the same material as a required subject or a subject already undertaken. Undergraduate students may enrol in approved UTS: Engineering postgraduate subjects provided they have completed at least 120 credit points of their undergraduate degree and met prerequisite requirements. Undergraduate students may undertake up to four approved postgraduate subjects. A maximum of three approved postgraduate subjects recently undertaken as part of an undergraduate degree may be used to apply for exemptions from a UTS: Engineering master's degree provided the subjects fulfil the equivalent subject requirements.

The combined degrees have no electives.

Capstone Project

In the final semesters of the degree, each student undertakes a Capstone Project, supervised by a member of academic staff and designed to consolidate and integrate learning in all aspects of the program. Industry-linked projects, under joint supervision, are strongly encouraged.

The project topic must be approved by an academic supervisor and must be relevant to the field of practice concerned. It may be largely technical in emphasis or it may encompass a range of technical and contextual challenges.

The Capstone Project results in a substantial report which must be written and produced to professional engineering standards and must demonstrate the student's readiness for professional engineering practice.

Credit recognition

Students with prior formal learning (such as other university study or TAFE qualifications) may be entitled to credit recognition in the form of subject exemptions. The level of credit recognition depends on the relevance of the area of study to the proposed major in the BE DipEngPrac. For a TAFE diploma in the same area students can expect to receive between 24 and 36 credit points of exemptions, depending on the grades obtained in the TAFE subjects.

Exemption from part of the Engineering Practice Program is granted only on the basis of actual work experience completed before commencing the course that can be shown to meet the required standards. The maximum exemption given is for one work-experience semester. Without exception, all students in the engineering practice program must complete all components associated with the second internship.

UTS: Engineering reserves the right to advise any student who is admitted with credit recognition, and who is not succeeding in the program, to undertake some or all of the subjects from which exemption had been granted.

Postgraduate course information

UTS: Engineering offers postgraduate coursework and research programs, providing a wide range of professional development opportunities to engineers and other graduates. In fulfilling these responsibilities, UTS: Engineering draws on its close links with industry to offer distinctive programs that are highly regarded by engineering-dependent enterprises.

In 2012, over 900 students were enrolled in postgraduate coursework programs and over 200 in research degree programs.

Postgraduate award courses may be taken by coursework or research. UTS: Engineering supports research through its management of postgraduate research, development of research strengths and centres, encouragement of individual researchers and research teams, facilitation of interdisciplinary research, and sponsorship of visits to UTS: Engineering by internationally renowned experts.

In addition to award courses, UTS: Engineering provides opportunities for continuing professional development through studies undertaken on a non-award basis.

The following information is intended to assist postgraduates to plan and complete their studies within UTS: Engineering. Additional information can be obtained online and from other publications or by direct inquiry.

Postgraduate coursework

Specialist courses

UTS: Engineering offers specialist courses by coursework in several fields. Each of these courses includes core subjects which must be satisfactorily completed during studies for the award.

Students in any specialist course receive preference in the allocation of class places in core subjects. Students taking popular subjects through elective studies are allowed to enrol when places are available.

- Master of Engineering Management (C04094) (see page 314)
- Master of Engineering Management Master of Business Administration (C04102) (see page 322)
- Master of Engineering Studies Master of Engineering Management (C04207) (see page 338)
- Master of Environmental Engineering Management (C04098) (see page 321)
- Graduate Certificate in Engineering Management (C11054) (see page 434)
- Graduate Certificate in Environmental Engineering Management (C11051) (see page 432)

General courses

A range of coursework programs is available through UTS: Engineering, leading to the general awards of Master of Engineering (by coursework), Master of Engineering Studies and Graduate Certificate in Engineering.

For each of these general awards, postgraduate majors are available. The majors offered reflect current research strengths and interests in UTS: Engineering.

- Master of Engineering (C04090) (see page 309)
- Master of Engineering Studies (C04097) (see page 315)
- Graduate Certificate in Engineering (C11048) (see page 428)

Distance education

Flexibility is a major feature of UTS: Engineering's postgraduate engineering management and environmental engineering management programs.

The distance education program is designed to meet the professional needs of busy engineers. Core subjects and a selection of electives can be taken in distance mode as well as standard attendance mode.

The following are examples of subjects that may be offered in distance mode:

- 49122 Ecology and Sustainability
- 49003 Economic Evaluation
- 49121 Environmental Assessment and Planning
- 49001 Judgment and Decision Making
- 49069 Leadership and Responsibility

- 49013 Managing Information Technology in Engineering
- 49002 Managing Projects
- 49309 Quality Planning and Analysis
- 49123 Waste and Pollution Management

Progression

Postgraduate engineering students may be excluded from further study at the University if they fail more than 50 per cent of the total number of enrolled credit points from the commencement of the course.

Postgraduate engineering students may also be excluded from a course if they exceed the maximum time allowed for completion of that course (see rule 10.5).

Timetables

UTS timetable information is available from:

http://timetable.uts.edu.au

Maiors

Postgraduate majors are available in the Master of Engineering (ME), Master of Engineering Studies (MEStud) and Graduate Certificate in Engineering (GradCertE).

UTS: Engineering offers an extensive range of programs by research and/or coursework through its award and non-award courses. A selection of these program majors are described below. Information on other specialist research areas can be obtained from individual members of academic staff.

Program majors have been developed to match the needs of engineers and other professionals. They provide opportunities for advanced studies and professional development in engineering and cross-disciplinary areas between engineering and other disciplines. All postgraduate program majors are differentiated by their focus, structure, presentation, attendance flexibility, assessment practices and multiple entry/completion options.

Students are entitled to have the name of the major listed in their degree transcript (not the testamur) if they have completed the following.

- ME (by coursework): a minimum of four subjects (24 credit points) must be completed within the particular postgraduate program major as described below, together with an approved graduate project in the major of between 18 and 30 credit points. Indicated major compulsory subjects must be completed.
- MEStud: a minimum of four subjects (24 credit points) must be completed within the particular postgraduate program major. Indicated compulsory major subjects must be completed. Any special topics listed in the program major are not available in the MEStud. To obtain the energy planning and policy major, students must complete eight subjects (48 credit points) from the respective program major list. MEStud management subjects do not apply to these majors. To obtain the software engineering major, students must complete all five subjects from the major as well as the management subjects.
- GradCertE: a minimum of three subjects (18 credit points) must be completed within the particular postgraduate program major as described below. Indicated compulsory major subjects must be completed.

Postgraduate program majors reflect current research strengths and interests in UTS: Engineering and change with time. The availability of individual subjects in any year is influenced by student demand, arrangements with visiting lecturers, scheduling within the University and policies on class sizes.

If, in the opinion of the Director of Postgraduate Coursework Programs, a student does not have the required prerequisite knowledge to successfully undertake and complete a major, the student may be required to undertake one or two preparatory undergraduate subjects.

Biomedical Engineering

This major is available in the ME, MEStud and graduate certificate.

Academic inquiries
Dr Steven Su
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telephone +61 2 9514 7603
fax +61 2 9514 2435
email Steven.Su@uts.edu.au

Civil Engineering

This major is available in the ME, MEStud and graduate certificate.

Academic inquiries

Dr Shami Nejadi

CB02.5.12

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email Shami.Nejadi@uts.edu.au

Civil Engineering and Structural Engineering

This major is available in the MEStud only.

Academic inquiries

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Computer Control Engineering

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Academic inquiries

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Energy Planning and Policy

This major is available in the ME, MEStud and graduate certificate.

Academic inquiries

Professor Deepak Sharma

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Engineering Management

This major is available in the ME only.

Specialist programs in engineering management are available as a Master of Engineering Management (C04094) (see page 314) and as a Graduate Certificate in Engineering Management (C11054) (see page 434).

Academic inquiries

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Environmental Engineering

This major is available in the ME only.

Specialist programs in environmental engineering management are available as a Master of Environmental Engineering Management (C04098) (see page 321) and as a Graduate Certificate in Environmental Engineering Management (C11051) (see page 432).

Academic inquiries

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Local Government Engineering

This major is available in the ME, MEStud and graduate certificate.

Academic inquiries

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email Ken.Halstead@uts.edu.au

Manufacturing Engineering and Management

This major is available in the ME, MEStud and graduate certificate.

Academic inquiries Dr Jinchen (JC) Ji CB01.20.30

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Operations

This major is available in the ME, MEStud and graduate certificate.

Academic inquiries
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Software Engineering

This major is available in the ME, MEStud and graduate certificate.

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fax +61 2 9514 2435

email Zenon.Chaczko@uts.edu.au

Structural Engineering

This major is available in the ME, MEStud and graduate certificate.

Academic inquiries Dr Shami Nejadi CB02.5.12

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email Shami.Nejadi@uts.edu.au

Systems Engineering

This major is available in the ME, MEStud and graduate certificate.

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Telecommunication Networks

This major is available in the ME, MEStud and graduate certificate.

Academic inquiries Anthony Kadi CB01.24.30 telephone +61 2 9514 2459 fax +61 2 9514 2435

email Anthony.Kadi@uts.edu.au

Telecommunications Engineering

This major is available in the ME, MEStud and graduate certificate.

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Telecommunications Engineering and Telecommunication Networks

This major is available in the MEStud only.

Academic inquiries
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fax +61 2 9514 2435
email Anthony.Kadi@uts.edu.au

Water Engineering

This major is available in the ME, MEStud and graduate certificate.

Academic inquiries
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Postgraduate research

UTS: Engineering has a lively and cutting-edge research culture driving advances in engineering and IT technology, practice and education. UTS: Engineering's research is needs-driven and collaborative and works with many enterprises in business partnerships. Researchers are world-class and recognised leaders in their fields, responsible for delivering new, better and more cost-effective solutions to complex engineering challenges.

Research is varied and utilises modern laboratories and research facilities on the City campus, Broadway. These are supported by extensive computing facilities and library services. The laboratories have excellent back-up workshops and expert support staff. Many opportunities exist for professional development through challenging, well-resourced research programs.

Contacts and inquiries

The management and administration of all research matters of the Faculty of Engineering and Information Technology is managed through the faculty's Research Office, headed by the Associate Dean (Research). The office is responsible for a broad range of matters including, but not limited to, research-strategic priorities, policy and planning, and advice and support to faculty staff in preparing grant applications, research publications, research conferences and research degree student supervision. The associate dean is supported by the Director of Research Programs, the Research Manager and the research administration officers, who are responsible for the academic management and support of research degree students and general research matters respectively.

Research matters are governed via the Research Management Committee and Research Degrees Committee that report to the Faculty Board in Engineering and Information Technology. The Research Management Committee has overarching responsibility for determining the faculty's research strategies and policies, and for making recommendations in relation to building research culture and profile, and for budgetary and resourcing matters relating to research. The Research Degrees Committee makes recommendations and sets policies relating to candidature management of higher degree by research students, from admission through to graduation.

Specific inquiries should be directed to the Faculty of Engineering and Information Technology Research Office. Key staff are:

Associate Professor Jaya Kandasamy Director of Research telephone +61 2 9514 2558 email Jaya.Kandasamy@uts.edu.au

Dan Gollan Research Manager telephone +61 2 9514 7863 email Daniel.Gollan@uts.edu.au

Phyllis Agius Research Administration Officer telephone +61 2 9514 2686 email Phyllis.Agius@uts.edu.au Gunasmin Lye Research Administration Officer telephone +61 2 9514 2663 email Gunasmin.Lye@uts.edu.au

Craig Shuard

Research Administration Officer telephone +61 2 9514 2591

email Craig.Shuard@uts.edu.au

General inquiries from domestic students should be directed to:

UTS Graduate Research School

telephone +61 2 9514 1336

General inquiries from international students should be directed to: UTS International

telephone 1800 774 816 (free call within Australia)

Research profile and strengths

The Faculty of Engineering and Information Technology has a number of key research centres and institutes. These centres are hives of research activity that have international standing within their respective discipline areas. The centres and institutes include:

- Advanced Analytics Institute
- Centre for Built Infrastructure Research
- Centre for Energy Policy
- Centre for Electrical Machines and Power Electronics
- Centre for Health Technologies
- Centre for Human-Centred Technology Design
- Centre for Innovation in IT Services and Applications
- Centre for Quantum Computation and Intelligent Systems
- Centre for Intelligent Mechatronic Systems
- Centre for Real-Time Information Networks
- Centre for Technology in Water and Wastewater.

Collaborative research

UTS: Engineering's researchers work with private and public companies to achieve their strategic objectives in engineering research and development. These collaborative programs tend to be long-term and offer mutually beneficial outcomes, with the economic, business, social and environmental dimensions of engineering being addressed explicitly. Most collaborative research is supported by sponsorships or grants.

Research opportunities and major research areas

Research opportunities are available in the following areas of specialisation.

School of Computing and Communications: wireless relay/mesh and cooperative networking, body area networking, micro- and nanoscale networks, 4G (WiMAX, LTE), short-range RF and inductive near field communication systems and sensing, antennas and propagation, microwave engineering, national broadband network, multi-antenna systems, wireless sensor networks, bio-mimetic paradigms for network management and configuration, autonomic communications, anticipatory systems, radio resource management (RRM) mechanisms, Satellite communications and broadcasting, LAN/WAN enterprise networking, network embedded applications, m-health monitoring, mobile networks, personal area networks, multilayer switching, mobile and distributed multimedia applications and services, network security, internet service architecture, programmable networks, internet quality of service, web technologies, web architecture framework, mobile commerce and internet business, location-based services, network grid services, peer to peer networks, digital signal processing, pattern recognition, computer vision, multimedia, image processing, image and video analysis, machine learning, cognitive and affective multimedia content analysis and multimedia systems.

School of Civil and Environmental Engineering: built infrastructure, structural engineering, geotechnical engineering, construction materials, local government, road engineering, water and environmental resource management, water modelling, membrane technology in water and wastewater treatment, soil contamination and remedial techniques, and solid waste management.

School of Electrical, Mechanical and Mechatronic Systems: advanced control, artificial intelligence, autonomous robotics, automotive engineering, biomedical engineering, energy, embedded systems, health technologies, mechatronics, power systems, and renewable energy.

School of Software: art and technology, artificial intelligence, computer animation, computer games, computer graphics, computer usability, data mining, e-finance, e-government, e-health, e-marketing, e-safeguard, e-security and e-service, emergency management, expert systems, human-computer interaction, information systems, innovation and creativity, innovation and technology, intelligent agents, intelligent problem solving and smart business decision-making in engineering, interaction design, interactive entertainment, interactive storytelling, learning environments, multi-agent systems, multimedia, next-generation automated enterprise cooperative infrastructure, object-oriented computing, object-oriented processes and methodologies, ontologies, optimisation activities, quantum computing, ray tracing, rendering techniques, requirements engineering, resource planning, robotics, semantic web, smart trading systems, software development, and technology design and use.

School of Systems, Management and Leadership: energy policy and planning, engineering practice, environmental risk, information systems, IT education, IT governance, IT strategy and management, knowledge management, operations and risk management, strategic IT leadership, systems analysis and design, systems development, and systems theory and socio-technical systems.

Further information is available from:

www.eng.uts.edu.au

Research centres and institutes

The Faculty of Engineering and Information Technology supports several institutes and centres, each capturing established research strengths in engineering, information technology and related fields. These include the following.

Advanced Analytics Institute (AAI)

AAI provides interdisciplinary expertise and leadership in areas including data mining, machine learning, applied statistics, behaviour analytics, data science and engineering, marketing, finance, economics, decision-making, optimisation and risk management. AAI offers cross-disciplinary and cross-domain research capabilities and hands-on experience in advanced analytics across historical data, realtime information and future trends. Analytics is a fast-growing global industry with an ever-increasing demand for qualified graduates. At UTS, a cross-disciplinary approach to analytics research brings together experts from across UTS's faculties and research centres to form a specialist analytics group. AAI brings together leading researchers from the Faculty of Engineering and IT, the Faculty of Business, the Centre for Quantum Computation and Intelligent Systems (QCIS) and the Centre for the Study of Choice (CenSoC). The Institute also fosters dedicated research and development resources for advanced analytics and receives resource support from the UTS External Engagement department and the UTS Research Innovation Office.

AAI offers unique training programs in broad-based analytics. AAI is working towards fostering world-class specialists and analytical project managers for specific domains through a supervisor-driven and practice/project-oriented approach, interdisciplinary workshops, short courses (including executive training), and day-to-day engagement in tier-one organisations.

Director

Associate Professor Longbing Cao telephone +61 2 9514 4411 email advancedanalytics@uts.edu.au www.analytics.uts.edu.au

Centre for Built Infrastructure Research

The Centre for Built Infrastructure Research (CBIR) comprises a multidisciplinary team of researchers from the faculties of Engineering and Information Technology; Science; and Design, Architecture and Building. CBIR's nationally and internationally renowned work focuses on finding solutions to important global problems in control, rehabilitation and health monitoring of building structures and bridges, green and smart materials, sustainable design, management, improvement, safety, and conservation.

Director

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Centre for Electrical Machines and Power Electronics

The Centre for Electrical Machines and Power Electronics (CEMPE) is principally concerned with electrical variable speed drives and generation of electricity using rotating electrical machines and renewable sources (such as wind and hydro). The technical research disciplines necessary for these two areas are very similar, covering electrical machines design, power electronics and mechanical design. The interest in renewable energy generation is primarily for remote areas and developing countries, so the incorporation of expertise in design for such areas is valuable, with the inclusion of energy requirements analysis, energy economics, technology transfer and human management issues.

Director

Professor Joe Zhu telephone +61 2 9514 2318 email Jianguo.Zhu@uts.edu.au http://services.eng.uts.edu.au/cempe

Centre for Energy Policy

The Centre for Energy Policy (CEP) addresses contemporary energy and environmental policy issues in national and international contexts. Energy market reforms, environmental policy options and energy—economy interactions are key areas of focus. Research undertaken in the centre is policy-oriented, applied and cross-disciplinary, emphasising the weaving together of technical, business, economic, legal, social, political and philosophical dimensions of energy, environmental and economic policies.

Director

Professor Deepak Sharma telephone +61 2 9514 2422 email Deepak.Sharma@uts.edu.au

Centre for Health Technologies

The interdisciplinary research skill-base brought together in the Centre for Health Technologies (CHT) is unique in Australia in the development of medical devices and systems. The CHT has four research programs: non-invasive instrumentation, bio-therapeutics, bio-electromagnetics and nano-biotechnology. Its focus is on health and disease processes, and the development of new devices and advanced methods for the early detection, diagnosis and rehabilitation of cardiovascular disease, diabetes, neurological disorders and cancer. Its research has already produced several new-device technologies which are at the cutting edge of biomedical engineering and science.

Director

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Co-director

Professor Ann Simpson telephone +61 2 9514 4097 email Ann.Simpson@uts.edu.au

 $http://services.eng.uts.edu.au/\!\sim\!htn/health.html$

Centre for Human Centred Technology Design

The Centre for Human Centred Technology Design (HCTD) is committed to information and communications technology (ICT) design research, methods and approaches, as defined by its commitment to the human, that is, to those who will use the technology.

HCTD's approach furthers the development of a much needed sociotechnical perspective on technology design that can both balance and extend the more common technology driven or management driven perspectives. HCTD's focus is on understanding the complex interplay between the drivers of social, organisational and technical change and how these shape, and are shaped by, the design, implementation and use of information and communication systems. The centre's research outcomes contribute to the design and development of ICT that fit easily and appropriately into the social, cultural and organisational contexts within which they will be used.

Directors

Professor Toni Robertson email Toni.Robertson@uts.edu.au

Professor Didar Zowghi email Didar.Zowghi@uts.edu.au Laboratories and contacts

Interaction Design and Human Practice Laboratory (IDHuP)

Lab Director: Professor Toni Robertson email Toni.Robertson@uts.edu.au

Requirements Engineering Research Laboratory (RE)

Lab Director: Professor Didar Zowghi email Didar.Zowghi@uts.edu.au

Creativity and Cognition Studio (CCS) Lab Director: Professor Ernest Edmonds email Ernest.Edmonds@uts.edu.au

Games Studio

Lab Director: Associate Professor Yusuf Pisan

email Yusuf.Pisan@uts.edu.au

Leadership for Innovation in the Digital Age Research Community

(LiDA)

Lab Director: Associate Professor Ken Dovey

email Ken.Dovey@uts.edu.au

Centre for Object Technology Applications and Research (COTAR)

Lab Director: Professor Brian Henderson-Sellers

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Technology, Education, Development and Design Research Laboratory (TEDD)

Lab Director: Andrew Litchfield email Andrew.Litchfield@uts.edu.au

Centre for Innovation in IT Services and Applications

The Centre for Innovation in IT Services and Applications (iNEXT) is a world-class research environment for developing and nurturing innovation for the next generation IT services and applications, including internet-enabled business applications, mobile health services, high-end visualisation technologies, novel image processing architectures and advanced video surveillance systems.

- Future internet: iNEXT aims to develop those enabling mechanisms that will allow the transformation of the current connectivity infrastructure into the service infrastructure of tomorrow's internet.
- Applications and services: iNEXT aims to develop innovative applications with special focus on assistive mobile health and internet-enabled business applications.
- Visual information processing: iNEXT aims to define novel visualisation techniques and intelligent recognition algorithms for extracting important information from video streams and wireless sensor networks for surveillance and environmental monitoring purposes.

Commercialisation of such applications and services is particularly emphasised. iNEXT includes a significant research training component, graduating many research students in the past years.

Directors

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Laboratories and contacts

Advanced Research in Networking Lab Director: Professor Doan Hoang email Doan.Hoang@uts.edu.au

Computer Vision and Image Processing Lab Lab Director: Professor Xiangjian He email Xiangjian.He@uts.edu.au

Surveillance Lab

Lab Director: Professor Massimo Piccardi email Massimo.Piccardi@uts.edu.au

Visualisation Laboratory

Lab Director: Associate Professor Mao-Lin Huang email Mao.Huang@uts.edu.au

Centre for Intelligent Mechatronic Systems

Building on 15 years of strong cross-disciplinary research in electrical machines and power electronics at UTS, the Centre for Intelligent Mechatronic Systems (CIMS) integrates the disciplines of mechanical, electrical and electronics engineering and computer systems. Its four main research directions are: autonomous robots (operating in unstructured environments and for infrastructure maintenance, search and rescue, health care and road vehicles); electrical machines (new materials and topologies, system optimisation, variable speed control and compact, low-temperature fuel cells); automotive systems (performance, comfort, fuel efficiency, road safety and emission control); and human factors (physiological and psychological aspects of human–machine and human–environment interaction).

Director

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Centre for Quantum Computation and Intelligent Systems

The Centre for Quantum Computation and Intelligent Systems (QCIS) is a research centre within the University's Priority Investment Research Program. The centre's mission is to be acknowledged by research centres throughout the world as a pre-eminent research centre in quantum computation and intelligent systems, and to be acknowledged by Australian industry and government as a leading source of knowledge and expertise in quantum computation and intelligent systems.

The centre was established in April 2008 with a vision to develop:

- theoretical foundations for quantum computation
- theoretical foundations for intelligent systems, and
- innovative technologies for intelligent systems.

This technology will result in next-generation enterprise intelligent information systems.

The centre's five major research programs cover quantum computation, knowledge discovery, decision support, innovation and infrastructure enhancement. Together, these programs develop a set of innovative and practical methodologies and techniques for intelligent information processing and system building for a broad range of businesses in the finance, marketing, security, health, government and engineering sectors.

Director

Professor Chengqi Zhang email Chengqi.Zhang@uts.edu.au

Co-director

Professor John Debenham email John.Debenham@uts.edu.au www.qcis.uts.edu.au

Laboratories and contacts

Quantum Computation Laboratory Lab Director: Associate Professor Runyao Duan email Runyao.Duan@uts.edu.au

Data Sciences and Knowledge Discovery Laboratory

Lab Director: Professor Xingquan Zhu email Xingquan.Zhu@uts.edu.au

Decision Systems and e-Service Intelligence Laboratory

Lab Director: Professor Jie Lu email Jie.Lu@uts.edu.au

Knowledge Infrastructure Enhancement Laboratory

Lab Director: Dr Paul Kennedy email Paul.Kennedy@uts.edu.au

Innovation and Enterprise Research Laboratory Lab Director: Professor Mary-Anne Williams email Mary-anne.Williams@uts.edu.au

Centre for Real-Time Information Networks

The Centre for Real-Time Information Networks (CRIN) aims to support research and development activities related to the efficient creation, collection, transmission, analysis and use of information in real-time, engineering-embedded applications. The centre supports the improvement of Australian society through a focus on applied research achieved through close links with both industry and research bodies working in appropriate application domains.

Examples of priority areas of interest for the centre are national security for safeguarding Australia, healthcare diagnosis and monitoring for the cost-effective improvement of the health of Australians, environmental and resource monitoring for a sustainable Australia, and the smart use of the web in supporting Australian industry.

The centre aims to design, fabricate and test proof of concept systems, in which the performance and operational suitability of the developed systems shall be demonstrated. The proof of concept systems may be electronic hardware, software, or a combination of hardware and software, and will include the latest prototyping technologies, such as embedded processors, high-performance networks and sophisticated distributed software applications.

Director (acting)

Associate Professor Kumbesan Sandrasegaran telephone +61 2 9514 2428 email Kumbesan.Sandrasegaran@uts.edu.au www.crin.uts.edu.au

Centre for Technology in Water and Wastewater

The Centre for Technology in Water and Wastewater (CTWW) undertakes research to ensure the sustainable management of water resources in both urban and rural environments, in Australia and internationally. This collaborative research centre links researchers, government, industry and community partners through its research programs, which include solid liquid separation and filtration technologies in water treatment; innovative biological treatment systems for wastewater treatment; membrane hybrid and nanotechnology systems in water, wastewater and stormwater reteatment; water reuse; desalination; in situ barrier and other systems for treatment of groundwater, surface and groundwater hydrology; bio-solid and waste management; urban water cycles and soil / aquifer management and modification; and flood management and catchment modelling for flood prediction.

Director

Professor Saravanamuth Vigneswaran telephone +61 2 9514 2641 email Saravanamuth.Vigneswaran@uts.edu.au www.research.uts.edu.au/strengths/ctww

UTS: HEALTH

Information for students

Location, contacts and inquiries

UTS Student Centres

The UTS Student Centres are both the initial and primary point of contact for all students. Students should deal with the student centres in all matters affecting their studies. This includes enrolment, exemptions, timetable matters, examination and assessment, as well as a wide range of student administration procedures.

For specific UTS: Health information, students should contact the following UTS Student Centres.

City campus

Building 10 Student Centre Foyer, Level 2, Building 10 (CB10.2) 235 Jones Street, Ultimo telephone +61 2 9514 1222

Kuring-gai campus

Kuring-gai Student Centre Foyer, Level 5, Building 1 (KG01.05) Eton Rd, Lindfield telephone +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

Opening hours

UTS Student Centre opening hours are available at: www.uts.edu.au/students/centres.html

Faculty policies and procedures

NSW child protection legislation

Full details are provided in the NSW child protection legislation (see page 25) section in the University-wide general information.

Student administration matters

A range of student administration matters affect the progress of students through their studies. These are formally handled by the Student Administration Unit of the University.

The University's web enrolment system, through which students add and withdraw from subjects, allocate themselves to classes, update their contact details and access their complete study plan and subject results, may be accessed through My Student Admin at:

www.uts.edu.au/onestop/studentadmin

Enrolled students are advised to refer to this website for their current personal and enrolment details.

A range of forms for various student administration matters can be obtained at:

www.sau.uts.edu.au/forms

They can also be obtained from the UTS Student Centres. These forms include applications for:

- credit recognition
- leave of absence, and
- course withdrawal.

Further information is available from the Student Administration Unit at:

www.sau.uts.edu.au

Submission of assignments

Nursing, midwifery and health

All assignments must be submitted by $4\,\mathrm{pm}$ on the due date by being:

- placed in the Kuring-gai campus assignment box outside the academic programs office on level 3, Building 5, or
- placed in the City campus assignment box on level 7, Building 10, near the Wattle Street lifts. Students are able to access this area via the lifts 7am–10pm Monday to Friday. On weekends contact UTS Security to arrange access.

Human movement and sport and exercise management

All assignments must be submitted by 5pm on the due date by being:

 placed in the Kuring-gai campus assignment box on level 6 near room KG01.06.07.

All assignments must be accompanied by an assignment cover sheet, which can be downloaded from:

www.nmh.uts.edu.au/students/current/documents-policies

Do not use plastic folders or sleeves when lodging assignments.

Extensions

Applications for an extension of time for the completion of assignments must be made in writing on the appropriate form:

www.nmh.uts.edu.au/students/current/documents-policies

Extensions can only be granted by subject examiners or their nominees. Generally, an extension is only granted in the case of verifiable medical grounds or other serious matters.

Good academic practice

Students are advised to read the Advice to Students on Good Academic Practice policy available at:

www.gsu.uts.edu.au/policies/academicpractice.html

Referencing procedures

To assist students with planning, researching, writing and submitting assignments, UTS: Health has published referencing procedures in undergraduate and postgraduate style manuals. Students attempting written assignments are strongly recommended to refer to this document, which clearly outlines the expectations in regard to academic writing. This publication is available under 'Style and referencing guides' at:

www.nmh.uts.edu.au/students/current/documents-policies

Academic misconduct

Both the University and UTS: Health view the academic conduct of students very seriously. Students must ensure that they conduct themselves in a professional manner, and observe the various rules and policies at all times.

In those instances where a student breaches academic conduct, the rules relating to academic misconduct are strictly observed. Breaches can include cheating in an examination or a class test and not acknowledging the work of others (plagiarism).

Plagiarism

Plagiarism refers to the practice of using someone else's ideas or work and presenting them as one's own without acknowledgment. Plagiarism is literary or intellectual theft. It can take a number of forms, including:

- copying the work of another student, whether that student is in the same class, from a previous year of the same course, or from another tertiary institution
- copying any section, no matter how brief, from a book, a journal article, the internet or another written source, without duly acknowledging it as a quotation
- copying any diagram, illustration or chart without duly acknowledging the source
- paraphrasing or otherwise using the ideas of another author without duly acknowledging the source, and
- presenting an assignment written by another student as your own work.

Whatever the form, plagiarism is unacceptable both academically and professionally. By plagiarising you are both stealing the work of another person and cheating by representing it as your own. Any incident of plagiarism can therefore be expected to attract severe penalties.

Students who condone plagiarism by allowing their work to be copied are also subject to disciplinary action. If students are in any doubt about plagiarism they should discuss the matter with the subject examiner or their tutor.

Note: The above provisions are drawn in part from the Faculty of Business Guidelines for the Preparation and Presentation of Assessed Work, February 1998.

Misconduct provisions

The provisions relating to academic misconduct are designed to ensure fairness in the process, as well as allowing such issues to be investigated effectively.

The rules relating to academic misconduct, discipline and appeals for students can be found at:

www.gsu.uts.edu.au/rules

Laboratories

Nursing, midwifery and health

Nursing, midwifery and health laboratory staff are based in room KG02.3.51 and CB10.6.212 respectively, but can often be located in the laboratories situated at Kuring-gai campus in rooms 2.3.46, 2.3.49, 2.3.56, 2.3.60, 2.2.53, 2.2.56, and 2.2.62, and at City campus in rooms 10.6.206, 10.6.208, 10.6.209, 10.6.210, 10.6.214, 10.6.216, 10.6.219, 10.6.220, 10.6.221, 10.6.222, 10.6.224 and 10.6225.

The laboratories also offer the following:

- equipment and posters may be borrowed for presentations or tutorials
- videos may be viewed in the laboratory area
- · textbooks are available for quick referencing.

Laboratories at Kuring-gai and City campuses are made available throughout the semester for students to practice learnt procedures.

Laboratory rules and safety

Students have a duty of care to themselves and others, and must cooperate and observe the following points when in the laboratories:

- For safety reasons, a maximum of 15 students is allowed in the practice lab at a time. The faculty recognises that there may be peak times, such as prior to examinations, when more practice capacity is required. Should this occur, additional labs may be made available for practice.
- Students must comply with all laboratory safety rules while in the labs. In particular, no food, drink or children are allowed in the laboratories, and covered shoes must be worn at all times.
- All problems must be reported to the relevant technical officer.
- Should the use of the practice lab be abused in any way, UTS: Health will review its operation.

Human movement and sport and exercise management

The Human Movement and Sport and Exercise Management courses utilise laboratories located at Kuring-gai campus in rooms 1.607a, 1.607b, 3.601 and 3.403. These spaces are used for undergraduate teaching and postgraduate research.

Laboratory rules and safety

Students have a duty of care to themselves and others, and must cooperate and observe the following points when in the laboratories:

- Students must comply with all laboratory safety rules while in the labs. In particular, no food, drink or children are allowed in the laboratories, and covered shoes must be worn at all times.
- All equipment in the laboratories must be treated with respect. Any equipment malfunctions or technical issues should be reported immediately to academic staff and/or the technical officer.
- Where appropriate, subject outlines contain specific safety information and procedures that must be adhered to during classes.

Faculty centres and clinical professorships

UTS: Health has three centres and seven clinical professorships. The centres coordinate a range of international, educational, contract research, consultancy and continuing professional education activities on behalf of UTS: Health. The clinical professorships, which are each established under the sponsorship of an industry partner, are the primary locations of UTS: Health's research activities, particularly as they relate to practice development.

Centre for Health Services Management

Professor Christine Duffield (Director) UTS Building 10, Jones St, Ultimo

Centre for Midwifery, Child and Family Health

Professor Caroline Homer (Director) UTS Building 10, Jones St, Ultimo

Centre for Cardiovascular and Chronic Care

Professor Patricia Davidson (Director) UTS Building 10, Jones St, Ultimo

World Health Organization Collaborating Centre for Nursing, Midwifery and Health Development

Professor John Daly (Director)

UTS Building 10, Jones St, Ultimo

Critical Care Nursing

Professor Sharon McKinley

Royal North Shore Hospital

Northern Sydney Local Health District

Child and Adolescent Nursing

Professor Jackie Crisp

Sydney Children's Hospital

South Eastern Sydney and Illawarra Area Health Service

Health and Ageing Research

Professor Lynn Chenoweth

War Memorial Hospital

South Eastern Sydney and Illawarra Area Health Service

Mental Health Nursing

Professor Jane Stein-Parbury

St George Hospital and Community Services

South Eastern Sydney and Illawarra Area Health Service

Midwiferv

Royal North Shore Hospital

Northern Sydney Local Health District

Nursing Research and Practice Development

Professor Val Wilson

The Children's Hospital at Westmead

Nursing Research and Practice Development

Professor Lin Perry

Prince of Wales Hospital

South Eastern Sydney and Illawarra Area Health Service

Tresillian Chair in Child and Family Health Nursing

Professor Catherine Fowler

Tresillian Family Care Centres

Undergraduate course information

Contacts and inquiries

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Kuring-gai campus

Kuring-gai Student Centre Foyer, Level 5, Building 1 (KG01.5) Eton Rd, Lindfield telephone +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

Opening hours

UTS Student Centre opening hours are available at: www.uts.edu.au/students/centres.html

Clinical Practice Unit

The Clinical Practice Unit manages student placements for clinical by requesting and securing placements in over 100 health facilities and placing students in over 5500 individual clinical settings each year.

Students who have issues regarding their clinical placement or while they are on clinical should contact the unit on:

telephone +61 2 9514 5122

email nmh.clinical.practice@uts.edu.au

Laboratories technical officers

Laboratories technical officers maintain UTS: Health's laboratories and other student technical resources. Bookings for and queries about the laboratories and resources, as well as queries regarding safety issues, should be directed to:

Jenny Keller KG02.3.51

Kuring-gai campus

telephone +61 2 9514 5187

Carolyn Hayes CB10.6.212 City campus

telephone +61 2 9514 4916

Faculty Academic Programs Office

The Academic Programs Office provides support and assistance to the UTS Student Centres on UTS: Health processes and issues and manages and supports UTS: Health's courses and specific student issues and processes. Students must contact the UTS Student Centre in the first instance and complex issues may be referred by staff in the UTS Student Centre to the Academic Programs Office.

Manager

Thusitha Perera

KG05.3.06

telephone +61 2 9514 5024

Subject logistics officer

Sarah Jeffers

KG05.3.08

telephone +61 2 9514 5128

Senior academic programs officer

Josefina Musa

KG05.3.07

telephone +61 2 9514 5073

Academic programs officers

Elaine Pereira

KG05.03.05

telephone +61 2 9514 5722

Tamsin Howse

KG05.03.96

telephone +61 2 9514 5202

Director of Undergraduate Nursing Studies

The director provides academic advice to nursing students on their program and other assistance such as helping students who experience difficulties coping with their academic work.

Aileen Wylie KG05.02.15

telephone +61 2 9514 5154

Director of Midwifery Studies

The director provides academic advice to midwifery students on their program and other assistance such as helping students who experience difficulties coping with their academic work.

Athena Sheehan

CB10.7.248

telephone +61 2 9514 4576

Academic clinical advisor

The academic clinical advisor manages policy and procedures related to clinical practice.

Jan Forber

KG05.2.92

Academic liaison officer

The academic liaison officer provides advice on alternative assessment to students with short or long-term disabilities, have carer responsibilities, who are pregnant or have English language difficulties.

Fran Rogan KG05.4.09

telephone +61 2 9514 5581

Associate Dean (Teaching and Learning)

The associate dean is responsible for the overseeing and quality of academic activities and the coursework programs.

Joanne Gray CB10.6.357

telephone +61 2 9514 4790

Faculty rules

Attendance

For students admitted into the Kuring-gai intake of the Bachelor of Nursing (C10122) (see page 173), most subjects are taught at Kuring-gai campus, however, students are required to attend City campus for Science subjects one day per week. For students admitted into the City intake of the Bachelor of Nursing (C10122) (see page 173), all subjects are taught at City campus in the first and second year of the program. The third year of the program is currently taught at the Kuring-gai campus with limited on-campus attendance. For students admitted into the Bachelor of Nursing Bachelor of Arts in International Studies (C10123) (see page 178), most subjects are taught at City campus. For students admitted into the Bachelor of Midwifery (C10225) (see page 230), all subjects are taught at City campus.

Class allocation

Students are allocated to particular groups or classes within a subject. This class determines when they attend laboratory sessions as well as tutorial times. Students must state their preferences for classes at enrolment. Students are allocated to classes and may then make changes to their allocation (subject to available places). Further information on this process is available from My Subject Activities at:

www.uts.edu.au/onestop/studentadmin

Some class changes may be limited by nursing practice restrictions in some years of the undergraduate courses, or by cohort management.

Nursing and Midwifery Board of Australia registration

The Bachelor of Nursing, Bachelor of Nursing Bachelor of Arts in International Studies and Bachelor of Midwifery are accredited by the Nursing and Midwifery Board of Australia. Graduates are eligible to apply for registration as a Registered Nurse or Midwife. In addition, for registration eligibility, the Nursing and Midwifery Board of Australia requires applicants to provide evidence of identity and good character, and documented evidence for assessment of any variation to the standard education program, for example credit recognition. Detailed information is available at:

www.nursingmidwiferyboard.gov.au

Clinical placements

Note: Nursing and midwifery clinical ladders are available as downloadable PDFs from the online UTS: Handbook at:

www.handbook.uts.edu.au/nmh/

Nursing practice policy

As part of their studies, students are required to undertake clinical practice in a variety of health facilities. This involves students being placed in a clinical environment in accordance with the nursing clinical ladder (see online handbook). Students are accompanied by a clinical facilitator or allocated an academic liaison officer who supports their clinical learning and undertakes their assessment.

UTS: Health makes every effort to place students in a health facility in close proximity to their home or close to public transport. However, this is often very difficult to achieve given the limited number of student placements, and students are asked to take this into consideration when they receive notification of their placement. Students with special needs may make a request to be placed in a particular health facility, following discussions with the subject coordinator, by emailing the Clinical Practice Unit:

email nmh.clinical.practice@uts.edu.au

Midwifery practice policy

As part of their studies, students are required to undertake clinical practice. This involves students being placed in a midwifery practice environment in accordance with the midwifery practice ladder (see online handbook). Students are supported by a midwifery practice facilitator or midwifery educator. UTS: Health makes every effort to place students in a health facility in close proximity to their home and close to public transport. However, this is often very difficult to achieve given the limited number of student placements, and students are asked to take this into consideration when they receive notification of their placement. Students are required to complete a request form in the first week of semester to identify their preferences.

Students with disabilities

Students in the Bachelor of Nursing, the Bachelor of Nursing Bachelor of Arts in International Studies, or the Bachelor of Midwifery must undertake nursing and/or midwifery practice placements as a prerequisite to satisfactory course completion. Information regarding the practice placement procedures for students with disabilities is available from special needs (see page 34) in the University-wide general information.

Accident and incident reporting

Any student or staff member involved in an accident, injury or incident while on clinical placement must complete a standard accident/incident form, available from their facilitator, midwifery educator or academic liaison officer. Completed forms should be forwarded to the academic clinical advisor for nursing and midwifery students. This form is to be completed in addition to any forms which the health facility requires.

The subject coordinator should also be notified immediately of any injury, accident or incident which requires medical attention.

If an injury sustained by a student raises doubts about the student's ability to attend subsequent nursing or midwifery practice experiences, the matter should be referred to the Director of Studies, Undergraduate for nursing students or the Director of Midwifery for midwifery students.

Attendance

The Nursing and Midwifery Board of Australia requires students to undertake a specified number of nursing or midwifery practice hours. One hundred per cent attendance on practice is required. Only cases of documented illness or misadventure, as per UTS rule 8.3, are accepted as a reason for not undertaking all nursing or midwifery practice hours. In the event of illness or misadventure, students must notify their clinical facilitator, midwifery educator or academic liaison officer, the relevant health facility and the Clinical Practice Unit:

telephone +61 2 9514 5122

email nmh.clinical.practice@uts.edu.au

Students in this category may then be offered completion of nursing or midwifery practice at the next specified time (see the relevant practice ladder). Should a student fail to complete all nursing practice hours for any other reason, including work or social commitments, they will not be offered the opportunity to complete their nursing practice hours, and run the risk of failing the subject.

Students are required to attend designated shifts while on nursing practice. Shift times vary between facilities, however, common start times are 7am and 1.30pm. Students with carer responsibilities should ask for a document from a UTS Student Centre which outlines issues that students may face.

Completion of nursing or midwifery practice

When assessing whether students are eligible to undertake additional hours to complete their nursing or midwifery practice, the Faculty of Health examines a student's nursing or midwifery practice history, taking into account past attendance as well as the requirements of the Nursing and Midwifery Board of Australia. Therefore, it is in the interests of students to ensure that they maintain a complete attendance record.

As indicated above, students may not be given the opportunity to complete missed nursing practice hours and consequently may fail the subject.

Conduct

Students undertaking supervised nursing or midwifery practice must follow the directions given to them by their facilitator, midwifery educator of academic liaison officer or, in the absence of these, the staff of the hospital or agency concerned. Students are reminded that they are required to adhere to clinical placement facility policy and procedures.

Safety

While on practice placement, all students are responsible for promoting and maintaining environmental health and safety (EHS) by:

- looking out for hazards, reporting them to the supervisor of the work area and helping to fix hazards
- taking action to avoid, eliminate or minimise risks
- following safe work methods and using personal protective equipment as required
- seeking information or advice as necessary, particularly before carrying out new or unfamiliar work
- participating in orientation activities
- reporting accidents and incidents to the supervisor of the work area
- · reporting emergencies in line with the facility protocols
- disposing of any hazardous wastes in a safe and approved manner
- not willfully placing at risk the health, safety and welfare of others
- exercising a duty of care toward others in everything undertaken.

All students must be aware of risk management policies and processes and be capable of implementing these within the clinical environments. Students must also comply with the policies and procedures of the relevant health facility.

Pregnancy on clinical placements

Pregnancy does not preclude students from clinical practice however some clinical placements may be potentially harmful to the developing foetus and to the student. Pregnant students are expected to notify the Faculty of Health of their pregnancy if they are working or studying in areas where there may be particular health and safety issues, e.g. radiation, working with infectious disease, cytotoxic drugs or anaesthetic gases. Students who are pregnant and in their third trimester of pregnancy, or within the first six months of being postnatal, must have the written permission of the Director of Undergraduate Nursing Studies to attend clinical placements. Students must also comply with health care facilities' guidelines and recommendations when undertaking placements.

Student wellbeing advice

All students involved in clinical placements must be fit to do so.

Students who have health problems or who are under the influence of alcohol and/or other drugs that might foreseeably render them unsafe during nursing or midwifery practice placement, or who have a health problem that may be affected adversely during their placements, should seek medical advice before undertaking a placement and should advise their subject coordinator.

Failure to do so may result in the Faculty of Health accepting no responsibility for the consequences.

Each student is responsible for evaluating the foreseeable health risks before and during each clinical placement, and implementing risk management strategies in consultation with the subject coordinator, and UTS environmental, health and safety guidelines. Students must also adhere to policies and direction from workplaces where the clinical placement is held.

Uniform

Students are required to wear the official uniform of the Faculty of Health during all nursing and midwifery practice placements. Academic staff will indicate any other occasions when students must wear their uniform. Some nursing practice placements, e.g. mental health, may not require the official uniform. Students are notified of this when they receive their practice placements. Students must purchase their uniform from the approved suppliers.

The uniform consists of:

- purple polo shirt; UTS design (men and women)
- black trousers; UTS design (men and women)
- black knee-length skirt; UTS design (to be worn with stockings)
- black, closed in rubber-soled shoes.

Other requirements are as follows.

- Fingernails must be short and clean. Only clear nail varnish is acceptable.
- False nails must be permanent, not require any infill, and be short, non obtrusive, clean and with clear lacquer only.
- Hair must be worn off collars. Students with long hair must wear it up; long ponytails are not acceptable.
- Students are permitted to wear a wedding ring and one pair of small, plain studs in the ear lobes. No other jewellery or piercings are acceptable.

- Watches should either be digital or have a second hand, and must have no sharp edges, fancy watchbands or large buckles. A multicoloured ballpoint pen and small notepad are essential requirements. A small pocket calculator is advisable.
- Academic staff will provide advice to students on other items which need to be purchased, e.g. fob watch, stethoscope, scissors.
- Students must wear the uniform from their first nursing or midwifery practice placement in Autumn semester and should ensure that their uniform is available by this time.
- All students must wear their UTS photo identification card, with retractable cord, at all times near their collar; this is available from the Co-op Bookshop for a nominal fee.

Immunisation

UTS is committed to the health, welfare and safety of its students and staff. The following guidelines have been set up in order to ensure legislative requirements are adhered to, along with minimising infectious disease transmission to and/or from our students and staff.

All students and staff must adhere to current legislative requirements, policies and procedures regarding infection control and immunisation. Students should be aware of guidelines regarding immunisations and levels of required immunity, as indicated within these guidelines. At the time this policy was developed, guidelines assisting in the direction of this policy included:

- National Health and Medical Research Council (2003), The Australian Immunisation Handbook, 8th edn, Commonwealth of Australia, Canberra.
- NSW Health (2005a), Occupational Assessment, Screening and Vaccination Against Specified Infectious Diseases, Circ 2007/006, 1 February 2007.
- NSW Health (2005b), *Tuberculosis Screening and Protection—Health Care Worker*, Circ 2001/71, 1 August 2001.

Documentary evidence of vaccination and/or current immunity for the following diseases (completed record card plus serology) prior to clinical placement is mandatory:

- Adult Diptheria, Tetanus and Pertussis
- Hepatitis B
- Measles/Mumps/Rubella
- Varicella (chickenpox)
- Tuberculosis
- Hepatitis A
- Influenza (optional).

Students must carry their updated and current vaccination screening record card plus serology with them at all times while on clinical practice and will be required to show evidence of both. Students must meet immunisation requirements of each placement they attend. Students unable to show their immunisation status will be asked to leave the placement.

Acceptable immunisation status is a prerequisite for attending clinical placements, due to legislative and organisational requirements. Health facilities have the right to preclude students who are not immunised in accordance with their policies. There are academic progress implications for students who fail to complete practice requirements for this reason.

Students who are unable to complete vaccination requirements for any reason (including conscientious objection) must request authorisation through the academic clinical advisor at least four weeks prior to every clinical placement. In most cases authorisation will be denied due to external organisation policies and requirements. Students who are unable to meet immunisation requirements will significantly impact their ability to complete their course.

Criminal record checks

Full details are provided in the NSW child protection legislation (see page 25) section in the University-wide general information.

Unsafe practice performance

A student's performance is deemed unsafe if it places patients, clients, their families, staff members or fellow students at risk, and if he or she is unable or unwilling to perceive that risk. The judgment that a student's performance is unsafe is usually made on the basis of more than one incident, however, it can be made on the basis of one episode.

Students whose performance is deemed unsafe are removed from the health facility as soon as the judgment is made and are referred to the subject coordinator, who determines the appropriate course of action. Students may receive a fail grade for the subject, or be given an opportunity to demonstrate improvement in an alternative clinical environment such as the laboratory. If satisfactory, students are given another opportunity to complete their nursing or midwifery practice in a clinical environment.

Refer to rule 16.10.

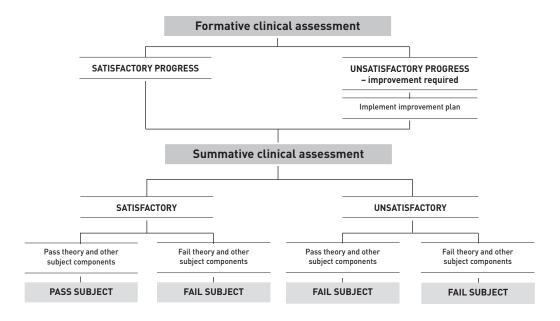
Unsatisfactory practice performance

A student's performance is deemed unsatisfactory if it fails to meet the objectives and assessment of a given nursing practice experience.

Each student has a formative assessment part-way through his or her clinical placement. If unsatisfactory performance is identified in this assessment, the clinical facilitator/midwifery educator/ academic liaison officer notifies the student and identifies a plan of action. This includes major areas of improvement and specific aims to be met to achieve satisfactory performance. If the student and/or the clinical facilitator/midwifery educator/academic liaison officer have reason to believe that they cannot work together to implement the improvement plan, a request can be made by either person to the subject coordinator for alternative arrangements. Each student receives a summative assessment towards the end of her or his clinical placement, which is assessed as either overall satisfactory or unsatisfactory.

The following diagram demonstrates the process for clinical subject assessment.

Clinical subject assessment diagram



Administering of intravenous medications while on clinical practice

Third-year Bachelor of Nursing students are permitted to administer intravenous medications only under the following conditions:

- under direct supervision of a registered nurse (including University clinical supervisors) accredited by the hospital to administer intravenous medications as long as all other medication requirements have been met, e.g. correct dose, patient, route, time, and written orders, etc., and
- hospital policy allows students to administer intravenous medications under the direct supervision of a registered nurse as set out above.

Postgraduate course information

UTS: Health's postgraduate programs aim to ensure that opportunities are provided for nurses, midwives and health services managers to study at graduate level, whether they were educated in hospitals or the higher education sector. Enrolment in a postgraduate program provides an opportunity to study within a challenging and stimulating environment. Postgraduate nursing, midwifery and health services management programs provide the scope for health professionals to strengthen and expand their knowledge in their disciplines while also encouraging study and research in specialised areas.

Two categories of postgraduate courses are offered – those by coursework and those by research.

Contacts and inquiries

UTS Student Centres

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Kuring-gai campus

Kuring-gai Student Centre Foyer, Level 5, Building 1 (KG01.5) Eton Rd, Lindfield telephone +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

Opening hours

UTS Student Centre opening hours are available at: www.uts.edu.au/students/centres.html

Academic Programs Office

The Academic Programs Office provides support and assistance to the UTS Student Centres in regard to UTS: Health processes and issues, and manages and supports UTS: Health's courses and specific student issues and processes. Students must contact the UTS Student Centre and complex issues may be referred by staff in the UTS Student Centre to the Academic Programs Office.

Manager

Thusitha Perera KG05.03.06 telephone +61 2 9514 5024

Subject logistics officer

Sarah Jeffers KG05.03.08 telephone +61 2 9514 5128

Senior academic programs officer

Josefina Musa KG05.03.07 telephone +61 2 9514 5073

Academic programs officers

Elaine Pereira

KG05.03.05

telephone +61 2 9514 5722

Tamsin Howse

KG05.03.96

telephone +61 2 9514 5202

Research administrator

The research administrator provides administrative advice and support to current and prospective research students.

telephone +61 2 9514 4879 email nmhresearch@uts.edu.au

Postgraduate coursework

Postgraduate coursework rules and procedures

Admission requirements

Where large numbers of applicants are eligible for admission to any of UTS: Health's courses and places are limited, preference is given on the basis of:

- general educational qualifications
- previous academic grades, and
- professional experience and activities, e.g. post-registration certificates and scholarly activities such as research and publications.

Credit recognition

Subject exemptions are granted on the basis of the successful completion of equivalent subjects from recent postgraduate studies. Students should lodge an application for credit recognition and include a formal transcript verifying academic results and a description of the subject for which they are claiming equivalence.

For detailed information about applying for subject exemptions, read the Credit Recognition Application Guidelines (27kB PDF):

www.sau.uts.edu.au/forms/pdfs/RPL_0911.pdf

UTS: Health may also grant credit by substitution. This involves students being able to substitute a prescribed subject where they can demonstrate that they have undertaken an equivalent subject at either postgraduate or, in exceptional circumstances, undergraduate level.

The maximum number of exemptions under UTS: Health policy are:

- graduate certificates: maximum of two exemptions (12 credit points)
- graduate diplomas: maximum of four exemptions (24 credit points)
- master's: maximum of eight exemptions (48 credit points)
- master's conversions: students must complete a minimum of four subjects.

Rules and regulations

All students should refer to the Rules of the University available at: www.gsu.uts.edu.au/rules

Progression rules

A student will have their registration discontinued, in accordance with rule 10.2.3 and rule 10.4.1, if they fail more than 50 per cent of the total number of enrolled subjects in an assessment period, or fail to meet any concurrent experience or other requirement prescribed by the course over a two-year period.

Contacts and inquiries

The directors of studies, course coordinators and advisers provide academic advice to students on their program, or other assistance such as helping students experiencing difficulties to cope with their academic work.

Director of Postgraduate Nursing Studies

Cheryl Waters KG05.2.19 telephone +61 2 9514 5741

Director of Midwifery Studies

Athena Sheehan CB10.7.248 telephone +61 2 9514 4576 **Director of Health Services Management Programs**

Jennifer Bichel-Findlay

CB10.7.204

telephone +61 2 9514 4551

Master of Nursing (Education major and Advanced Nursing Practice major)

Cheryl Waters

KG05.2.19

telephone +61 2 9514 5741

Master of Nursing (Nurse Practitioner major)

Irene Kopp KG05.2.5

telephone +61 2 9514 5760

Graduate Diploma in Nursing

Chervl Waters KG05.2.19

telephone +61 2 9514 5741

Graduate Certificate in Perioperative Nursing

Graduate Certificate in Anaesthetics Nursing

Marika Jenkins KG5.2.18

telephone +61 2 9514 5760

Graduate Certificate in Critical Care Nursing

Cheryl Waters KG05.2.19

telephone +61 2 9514 5741

Graduate Certificate in Neuroscience Nursing

Jacqueline Baker

KG05.2.08

telephone +61 2 9514 5072

Graduate Certificate in Children's Nursing

Janet Green KG05 2 97

telephone +61 2 9514 5740

Graduate Certificate in Child and Family Health Nursing

Nicola Brown CB10.7.207

telephone +61 2 9514 4915

Graduate Certificate in Acute Care Nursing

Michelle Kelly CB10.7.221

telephone +61 2 9514 4815

Graduate Certificate in Mental Health Nursing

Kevin Kellehear KG05.2.09

telephone +61 2 9514 5055

Graduate Certificate in Neonatal Nursing

Janet Green KG05.2.97

telephone +61 2 9514 5740

Midwifery

Master of Midwifery Maralyn Foureur

CB10.7.252

telephone +61 2 9514 4914

Graduate Diploma in Midwifery

Allison Cummins

CB10.7.256

telephone +61 2 9514 4913

Clinical education and management

Graduate Certificate in Clinical Teaching

Janet Green KG05.2.97

telephone +61 2 9514 5740

Graduate Certificate in Clinical Management

Jennifer Bichel-Findlay

CB10.7.204

telephone +61 2 9514 4551

Graduate Certificate in Diabetes Education and Management

Julie Bligh

KG05.2.04

telephone +61 2 9514 5715

Health services

Master of Health Services Management

Master of Health Services Management and Planning

Graduate Diploma in Health Services Management

Graduate Certificate in Health Services Management

Jennifer Bichel-Findlay

CB10.7.204

telephone +61 2 9514 4551

Associate Dean (Teaching and Learning)

Responsible for the overseeing and quality of academic activities and all coursework programs.

Joanne Gray CB10.7.290

telephone +61 2 9514 4790

Postgraduate research

UTS: Health offers the following research degrees at master's and doctoral levels:

- Master of Nursing (Research) (C03048) (see page 493)
- Master of Midwifery (Research) (C03049) (see page 494)
- Master of Health Services (Research) (C03050) (see page 494)
- Doctor of Nursing (professional doctorate) (C02052) (see page
- Doctor of Midwifery (professional doctorate) (C02053) (see page 483)
- Doctor of Health Services (professional doctorate) (C02054) (see page 484)
- Doctor of Philosophy (PhD) (C02024) (see page 474).

All research degrees require the independent preparation of a thesis that makes an original contribution to knowledge. The master's (honours) and professional doctorate degrees include required coursework in addition to the preparation of a thesis.

University rules and procedures for master's students and doctoral students apply to all research students in UTS: Health (see section 11).

Applications for research degrees

Application forms for research degrees are obtained from the UTS: Graduate Research School. All requirements for documentation must be met when submitting the application. UTS: Health uses the University's scoring system to assess applications. Applicants are assessed on the basis of a range of categories, such as academic qualifications, research publications and professional achievement. The minimum educational requirements must be met by each applicant as specified in the entry requirements for each degree. Applicants are required to have a research proposal and agreement of a suitable supervisor at the time of application. Applicants are also required to complete a supplementary form. More information is available at:

www.nmh.uts.edu.au/research/postgraduate/apply

International applicants are required to first contact UTS International

email international@uts.edu.au

Selection of supervisors

Research for a degree at doctoral and master's level must lead to a distinct contribution to the knowledge of a subject by original investigation. This involves a considerable intellectual challenge and a substantial commitment over time and necessarily depends on the relationship between the candidate and his or her supervisors. For this reason careful thought should be given by the candidate and the proposed supervisor to the questions of personal compatibility and areas of common academic and professional interests. It is essential that the project be of direct interest to the supervisor and candidate and lie within the supervisor's area of expertise.

For doctoral and master's candidates there must be a principal supervisor and a panel of supervisors (which can be composed of the alternate supervisor alone). The principal supervisor must be a member of UTS: Health academic staff, be a registered supervisor with the University and be eligible to supervise a candidate at the required level. A panel member (or alternate supervisor) may either be a member of UTS: Health academic staff or the University, or a person employed outside the University of recognised standing in the field of the candidate's research. Supervisory panel members must be registered as a supervisor with the University. Supervisors of doctoral and master's candidates are appointed by the UTS: Graduate Research School Board on the recommendation of the director of research.

The rules regarding the appointment of supervisors and the code of conduct for supervisors can be found at:

www.gradschool.uts.edu.au

Regulations and responsibilities regarding supervision

While the student–supervisor relationship is a flexible one, the University requires supervisors to ensure by their advice, guidance and expertise that a particular candidate maintains satisfactory progress within the prescribed term of the candidature; that the candidate receives adequate advice both on the substance of the thesis and on the form its presentation will ultimately take; and that the work being done on the thesis is reviewed critically on a continuing basis. The way in which this is done is to be negotiated between the candidate and the supervisors.

The University acknowledges that research students have a right to effective supervision and research training. However, students have responsibilities as well in adhering to the University rules, in maintaining progress and in communicating with their supervisors.

The UTS: Graduate Research School Board has produced a Code of Conduct for Supervisors, Advisors and Research Degree Candidates, available at:

www.gradschool.uts.edu.au

Research Student Symposium

The Research Student Symposia are held twice a year in June/July (Winter session) and December (Summer session). They are designed to facilitate a number of important requirements for UTS: Health's research students and provide an opportunity for research students, supervisors, staff and invited guests to interact in formal and informal settings. The symposium incorporates student presentation, doctoral and master's assessments (see below), plenary sessions from invited guests and workshops.

Requirements for research degree candidates

Research degree students have a number of University and faculty requirements that must be met in order to progress through the degree. Failure to meet these requirements can result in review or termination of the candidature. The Rules of the University relating to students are published at:

www.gsu.uts.edu.au/rules

Students are expected to be aware of current rules and policies affecting their candidature and progression requirements. Students are required to provide current contact details and other relevant information to their supervisors, UTS: Health and the UTS: Graduate Research School. It is the candidate's responsibility to inform their supervisors, UTS: Health and the UTS: Graduate Research School of changes in their contact details or circumstances that will affect their candidature.

Progress by semester

It is the responsibility of each student and supervisor to discuss, at the beginning of each semester, the progress anticipated throughout that semester. The initial consultation between candidate and supervisor should include the establishment of a form of agreement, or contract, which identifies certain minimum requirements for that semester. These consist of setting an agenda for regular contact; presenting in the Research Student Symposia and attending the presentations of others; identifying the criteria by which to judge the progress of the research being undertaken that semester; attending coursework subject sessions and successful completion of coursework (where appropriate); and the submission of semester progress reports.

Progress reports

It is a University requirement that all research students who are enrolled and are not on leave of absence or under examination for that semester complete and return a progress report for Autumn and Spring semesters (rule 11.13). Progress reports are sent to the student by the UTS: Graduate Research School and must be completed by the student and their supervisors and returned to UTS: Health by the due date. The faculty also requires students to complete the semester plan and report form, which must be submitted with the progress report.

Student presentation

Student presentations are held during Research Student Symposia weeks. It is a condition of candidature with UTS: Health that research degree candidates present at and attend Research Student Symposia at least once a year for part-time students and twice a year for full-time students. Candidates are not expected to present in the first semester of candidature. The presentation should relate to the student's research, area of study or methodology. These workshops provide an ideal opportunity to obtain peer review, gain insight into other research being conducted, learn new methodologies being employed and form a network with peers and academic staff. The importance of these workshops to the academic development of research degree candidates should not be underestimated.

Doctoral and master's assessment (confirmation of candidature)

It is a University requirement that all research degree students undertake a formal assessment during the early phase of their candidature. The assessment comprises an oral presentation (of up to 20 minutes) to a panel of assessors and the submission of written work (of up to 10,000 words).

The objectives of the assessment are to ensure that: candidates have the knowledge and skills to enable successful and timely completion of their research program; candidates who are not suited/equipped to work towards a research degree are made aware of this fact before they have invested considerable time and money; and that there is a commitment by the University through the supervisor and UTS: Health for the provision of sufficient human and physical resources to enable satisfactory completion of the research program.

Master's and doctoral students are required to undertake assessment before or at the end of the first two semesters for full-time students and before or at the end of the first three semesters for part-time students.

The assessment panel comprises the student's principal supervisor, the co-supervisor (and panel if applicable), the chair of the panel (usually the responsible academic officer), and two external examiners, who are nominated by the candidate's supervisors and approved by the responsible academic officer. Members and students of UTS: Health are also invited to attend as observers, but do not contribute towards the decision of the panel. After the assessment, the panel discusses the student's presentation and work.

The student is informed of the panel's determination verbally (if appropriate), or in a meeting with the chair, supervisors and student as soon as practical. The student will be informed of the panel's decision by mail within two weeks of the assessment date and copies of the letter will be forwarded to the student's supervisors and the UTS: Graduate Research School. Students who do not satisfy the requirements for the doctoral or master's assessment will not be permitted to proceed with their candidature unless with the approval of the UTS Academic Board. Then, they will be invited to re-attempt the assessment six months after they have been notified in writing of the unsatisfactory outcome.

The written component of the assessment must be submitted to the research administrator no later than 14 working days before the assessment date.

The University policies and rules relating to doctoral and master's assessment can be found at:

www.gradschool.uts.edu.au

The Guidelines for Doctoral and Master's Assessment (components and procedures) are available at:

www.nmh.uts.edu.au/research/postgraduate/candidature/assessment.html

Submission of thesis

All research degree students are required to submit a thesis (or dissertation) to complete their program. The University has a number of rules and requirements for the submission of theses. The Rules of the University relating to thesis topics, the submission of theses and the examination of theses are published at:

www.gsu.uts.edu.au/rules

The UTS: Graduate Research School also provides information on the requirements for thesis submission, which can be obtained from their website (www.gradschool.uts.edu.au).

It is a University requirement (rule 11.16) that candidates for doctoral degrees make an oral presentation of their work to a panel or audience. This must be completed within the six months prior to submission.

The examination process

Theses are examined by examiners (not including supervisors) who are appointed by the UTS: Graduate Research School Board following recommendation by UTS: Health. In the case of master's students, at least one of the two examiners will be external to the University; for doctoral students at least two of the three examiners will be external to the University.

Candidates for a research degree may be required to undertake an oral defence of their thesis under such conditions as determined by the UTS: Graduate Research School Board.

Rules relating to the examination process are available at:

www.gsu.uts.edu.au/rules

Information for research degree students

Research degrees have specified maximum durations as described in the Rules of the University. Students can complete in less than the maximum time.

Maximum duration of candidature: master's degrees

Full time = two years (four semesters)

Part time = four years (eight semesters)

Maximum duration of candidature: doctoral degrees (excluding PhD by publication)

Full time = four years (eight semesters)

Part time = eight years (16 semesters)

Maximum duration of candidature: doctoral degrees by publication

Full time = one year (two semesters)

These periods do not include periods of approved leave of absence (rule 11.9).

The maximum duration may only be extended with the approval of the UTS: Graduate Research School Board (rule 11.8).

Professional doctorate and master's (honours) coursework

Coursework for professional doctorate students is typically undertaken in block sessions of three to six days. These blocks are typically held in February, July and December. Students are required to attend a block session for each subject in which they are enrolled for that semester

Coursework for master's (honours) students is typically undertaken in class sessions that run over three to six days during the semester. Students are required to attend the class sessions for each subject in which they are enrolled for that semester.

Intellectual property

UTS: Health has explicit guidelines relating to academic misconduct, including plagiarism. In brief, plagiarism is defined as any attempt to use the work of another person without acknowledging the source. For the purposes of this rule, 'work' is defined as written materials such as books, journals and magazine articles or other papers, and also includes films and computer programs.

At research level, students must exercise great care in acknowledging all material derived from any source; if in doubt students should consult their supervisor. Remember, even paraphrasing another person's work is defined as 'using' that person's work and must be acknowledged.

The penalties relating to a candidate found to have committed plagiarism are outlined in the UTS Rules.

Discontinuation or resolution of progress

Research degree students may have their registration discontinued if they fail to complete all prescribed work within a given period of time or if the UTS: Graduate Research School Board is dissatisfied with the student's progress. The Rules of the University relating to discontinuation of candidature, appeal against discontinuation and results of appeals are rules 11.20–11.22.

Appeals

In cases of appeal, a Student Assessment Appeals Committee of the Faculty Board in Nursing, Midwifery and Health considers the appeal following the criteria and procedures approved by the Academic Board.

For a detailed explanation of the rights and procedures of appeals, candidates should consult the Rules of the University published at: www.gsu.uts.edu.au/rules

Graduation

Research students should consult closely with their supervisor when anticipating graduation, as the assessment process for theses can be a time-consuming undertaking, and revisions are often required.

Graduation ceremonies are conducted during a specific period in April–May and September–October each year. Information regarding graduation will be forwarded to eligible students following the receipt of the final bound copies of the thesis.

Contacts and inquiries

Any inquiries of a non-administrative nature should, in the first instance, be directed through the student's supervisors. If this is not possible, or is inappropriate, inquiries should be directed to the research administrator, relevant course coordinator or to the director of research

Administrative inquiries should be directed to the research administrator.

Associate Dean (Research)

The director is responsible for the overall administration and quality of the research programs and chair of the Faculty Research Committee.

Professor Christine Duffield

CB10.7.213

telephone +61 2 9514 4832

email Christine.Duffield@uts.edu.au

Higher degree research coordinator and responsible academic officer

The coordinator is responsible for the administration and quality of the higher degrees research.

Associate Professor Marg Fry

CB10.7.210

telephone +61 2 9514 4826

email Margaret.Fry@uts.edu.au

Master's and honours courses coordinator

The coordinator is responsible for the administration and quality of the master's and honours research programs.

Associate Professor Marg Fry telephone +61 2 9514 4826 email Margaret.Fry@uts.edu.au

Bachelor (Honours) courses coordinator

Associate Professor Robyn Gallagher CB10.7.214 telephone +61 2 9514 4833

email Robyn.Gallagher@uts.edu.au

Research administrator

The research administrator provides administrative support to all UTS: Health research students, including application, enrolment, progression and examination processes.

telephone +61 2 9514 4879 email nmhresearch@uts.edu.au

The UTS: Graduate Research School is responsible for the overall administration and management of research degree candidates.

CB01.7 telephone +61 2 9514 1336 email ugs@uts.edu.au

www.gradschool.uts.edu.au

UTS: INFORMATION TECHNOLOGY

Information for students

The Faculty of Engineering and Information Technology (FEIT) is Australia's leader in practice-based engineering and IT education and research, and currently enrols over 7000 students in industryrecognised courses from undergraduate to doctoral level.

The faculty prides itself on its high level of engagement with the engineering and IT professions locally and internationally, by offering short courses and consulting expertise to the local community, and internationally through its courses offered in Hong Kong and Singapore, a significant local international student population and a robust student exchange program. FEIT is also the leading research faculty at UTS, with a diverse range of research being undertaken in matrix across the faculty's twelve research centres and institutes, and five academic schools.

The faculty structure comprises four portfolio areas in teaching and learning; research and development; international; and external engagement, each led by an associate dean. Five schools house the academic sub-disciplines of the Faculty of Engineering and Information Technology:

- School of Civil and Environmental Engineering
- School of Computing and Communications
- School of Electrical, Mechanical and Mechatronic Systems
- School of Software
- School of Systems, Management and Leadership.

Location, contacts and inquiries

The Faculty of Engineering and Information Technology is located at City campus, Broadway, in Buildings 1, 2 and 10. Key staff are:

Professor Hung Nguyen

telephone +61 2 9514 4441 email Hung.Nguyen@uts.edu.au

Dr Tim Aubrey

Associate Dean (Teaching and Learning)

telephone +61 2 9514 2360 email Tim.Aubrey@uts.edu.au

Professor Mary-Anne Williams

Associate Dean (Research and Development)

telephone +61 2 9514 2451

email Mary-Anne.Williams@uts.edu.au

Professor Deepak Sharma Associate Dean (International) telephone +61 2 9514 2422 email Deepak.Sharma@uts.edu.au

Professor Keith Crews

Associate Dean (External Engagement)

telephone +61 2 9514 2619 email Keith.Crews@uts.edu.au

Professor Bijan Samali

Head, School of Civil and Environmental Engineering

telephone +61 2 9514 2023 email Bijan.Samali@uts.edu.au

Professor Doan Hoang

Head, School of Computing and Communications

telephone +61 2 9514 7943 email Doan.Hoang@uts.edu.au

Professor Jianguo (Joe) Zhu

Head, School of Electrical, Mechanical and Mechatronic Systems

telephone +61 2 9514 2318 email Jianguo.Zhu@uts.edu.au

Professor Jie Lu

Head, School of Software telephone +61 2 9514 1838 email Jie.Lu@uts.edu.au

Professor Igor Hawryszkiewycz

Head, School of Systems, Management and Leadership

telephone +61 2 9514 1809

email Igor.Hawryszkiewycz@uts.edu.au

Annette Giles Faculty Manager telephone +61 2 9514 4443 email Annette.Giles@uts.edu.au

Engineering and Information Technology Outreach Office

The Engineering and Information Technology Outreach Office manages all faculty marketing activities and school liaison. It is located at CB02.4.16. This connects with Building 1 at City campus, Broadway.

The office is generally open from 9am-5pm Monday to Friday.

telephone +61 2 9514 2666 fax +61 2 9514 7803 email it@uts.edu.au www.it.uts.edu.au

Postal address

Faculty of Engineering and Information Technology University of Technology, Sydney PO Box 123

Broadway NSW 2007

UTS Student Centres

All inquiries from currently enrolled UTS students are handled by the five UTS Student Centres located across the City (Broadway and Haymarket) and Kuring-gai campuses.

Students enrolled in UTS: Information Technology degrees (undergraduate and postgraduate) are advised to direct all their course-related inquiries to:

Building 10 Student Centre

CB10.2 (City campus, Broadway, Building 10, level 2, foyer) telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Kev student liaison staff

The staff below are the key liaison staff for engineering and information technology students requiring specialist or academic advice to manage their enrolment and student candidature. All students are to direct all initial inquiries to the UTS Student Centre where their inquiry will be processed and forwarded to the key contact staff below only if the matter cannot be resolved by Student Centre staff. An appointment with these staff is based on referral from the UTS Student Centres or within staff consultation times.

Director, Undergraduate Programs: UTS: Engineering

telephone +61 2 9514 2368 email Rob.Jarman@uts.edu.au

Dr Prasanthi Hagare

Director, Postgraduate Coursework Programs: UTS: Engineering telephone +61 2 9514 1952

email Prasanthi.Hagare@uts.edu.au

Chris Wong

Director, Undergraduate Programs: UTS: Information Technology telephone +61 2 9514 7938 email Chris.Wong@uts.edu.au

Mr Rene Leveaux

Postgraduate Coursework Programs: UTS: Information Technology telephone +61 2 9514 1958

email Rene.Leveaux@uts.edu.au

Craig Shuard

Research Administration Officer telephone +61 2 9514 4460 email Craig.Shuard@uts.edu.au

Phyllis Agius

Research Administration Officer telephone +61 2 9514 2686 email Phyllis.Agius@uts.edu.au

Tracey Moore

Manager, Academic Programs Office

telephone +61 2 9514 2671 email Tracey.Moore@uts.edu.au Beate Buckenmaier Manager, International telephone +61 2 9514 2590 email Beate.Buckenmaier@uts.edu.au

Faculty contacts and areas of interest

A comprehensive list of UTS: Information Technology academic staff and their research areas is available from:

http://datasearch2.uts.edu.au/feit/staff/listing/index.cfm

Environmental Health and Safety Plan

UTS: Information Technology is committed to providing a safe and healthy workplace for students, staff and visitors, and adopting a socially responsible approach towards protecting and sustaining the environment. Promoting a safe, healthy and environmentally sound environment is the responsibility of all staff and students.

The names and locations of first aid officers and first aid kits are indicated by appropriate signs in Building $10\,\mathrm{and}$ school areas.

More information is available at:

- MyFEIT (student intranet): http://my.feit.uts.edu.au/myfeit
- UTS: Safety and Wellbeing: www.safetyandwellbeing.uts.edu. au/student

Computing facilities

The faculty provides computer laboratories, network services and high bandwidth internet access for use in teaching and research. This gives students the software and information they need for their subjects and the services to communicate and collaborate with their peers. Personal laptops can also be used to access network services and the internet.

Teaching laboratories

Computer laboratories

The faculty has 17 computer laboratories in Building 10 and 20 computer laboratories in buildings 1 and 2 that are used in many subjects. They are regularly updated with the latest hardware and undergo a complete upgrade of operating systems and programs before most semesters.

Most labs offer students a choice of operating systems at the login screen, which gives the laboratories great flexibility to meet student and class needs.

The Building 10 laboratories can be grouped into 10 general purpose laboratories, each of 30 computers, as well as four internetworking labs, two professional presentation labs and a graphics lab.

Except during scheduled classes, general access to laboratories is:

- 8am-10pm Monday to Friday (during semester)
- 9am–6pm Monday to Friday (outside semester).

Booking times are located on laboratory doors.

Seven days a week, 24-hour access is provided to some laboratories throughout the University, including some of the UTS: Information Technology labs.

Network services

UTS: Information Technology provides a Unix shell, via SSH, with a home directory that is backed up regularly. Students can access additional services; this is normally organised by their lecturers. Services include Oracle, MySQL, PostgreSQL databases, Subversion repositories and internal websites.

Breakout rooms and lounge areas

These areas provide space for students to collaborate together or for individuals to have time on their own. All areas have access to the wireless network and many, particularly the breakout rooms, have whiteboards, wired access and power. Breakout rooms can be booked and are suited for groups wanting a private meeting space, while the atrium lounge and table areas are more casual and social spaces.

Specific-purpose laboratories

Access to specific-purpose laboratories is arranged by the academic involved in a particular subject or research project.

Networking laboratories

These three laboratories are equipped with user-configurable, rack-mounted network equipment for teaching computer network subjects.

Graphics laboratory

A laboratory of specially equipped computers for graphic-intensive subjects is available. In particular, the computers have advanced graphic accelerator cards and the Maya software application.

Creativity and cognition studios

These studios form a multidisciplinary environment for research into computing support for creativity and into the development of new art forms and art practice using digital media. They include a games studio, a sound studio and a video wall with an interaction space incorporating a range of sensor systems.

Remote access facility

The remote access facility provides modem access for students and staff. This gives users access to UTS: Information Technology's computing systems and the internet.

Service desk facility

Students requiring IT support for any faculty-provided IT system, including the computing laboratories, should telephone or email, between 9am and 5pm weekdays, describing the problem:

telephone +61 2 9514 7922

email FEITServiceDesk@uts.edu.au

Compulsory safety induction

As part of the faculty's commitment to safety, all engineering and IT students are required to annually complete a safety induction in order to access PIN-protected facilities within the faculty. Completion of the safety induction is not required to be able to attend scheduled/ supervised lab sessions or use some IT labs during business hours. Students enrolled in an engineering or IT course are automatically given access to enrol in the safety induction through UTS Online (the forum is called 'UTS: Faculty of Engineering and Information Technology - Safety Induction').

Students from outside the faculty who enrol in engineering or IT subjects and who need PIN access to faculty facilities must contact the faculty to get enrolled in the safety induction forum:

email FEITPinAdmin@uts.edu.au

This is also the contact for students who have problems with their PIN access.

Women in Engineering and IT Program

The Women in Engineering and IT (WiE&IT) Program at UTS is a long-standing initiative to redress the low rate of female participation in the field by communicating the opportunities of engineering and ICT (information and communications technology) careers as a course of study; by promoting the involvement of women in the course, in the Faculty and in research at UTS; and by networking with professionals from engineering and ICT fields and professional organisations. We also seek to address attitudes and behaviours which may deter students and staff from achieving, in a safe and rewarding learning, research and working environment.

The WiE&IT Program invites students, staff and industry to support its ongoing activities in 2013 and contribute ideas for new initiatives which will attract and support more women to choose to study engineering and IT.

Further information is available at:

www.feit.uts.edu.au/women

www.utswomeninengineeringandit.blogspot.com

Short courses

UTS: Information Technology offers a variety of professional, commercial and customised courses throughout the year in the areas of computing and information technology. Courses regularly on offer include Advanced Java (J2EE), Developing Windows and Web Applications using Visual Studio .NET, Managing and Using Microsoft Share Point 2010, Fundamentals of Unix, IP Telephony and Voice Over IP (VoIP), Java Fundamentals, Object-oriented Programming with C++, Programming with C, Iphone Games Development, SQL Server 2008 for Business Intelligence, SQL Server 2008 for Developers, Linux Systems Administration and a range of Cisco certified network academy preparation stages for certification (CCNA stages 1 to 4).

New CCNA security courses are also available. These courses are offered by the UTS Cisco Networking Academy.

Courses may also be customised to suit corporate training needs.

For further information, contact:

Angelia Lawah, UTS:IT Short Course Administrator telephone +61 2 9514 1806 fax +61 2 9514 1844 email Liuangelia.Lawah@uts.edu.au www.it.uts.edu.au/courses/short

Undergraduate course information

UTS: Information Technology offers undergraduate degrees in information technology and a number of combined degrees with business, international studies, law and mathematics.

The full list of courses is available at:

www.handbook.uts.edu.au/it/ug (see page 13)

Bachelor of Science in Information Technology students must complete eight foundation core subjects and an IT major (CBK90781).

IT majors are offered in four areas:

- Business Information Systems Management (MAJ02080)
- Enterprise Systems Development (MAJ03444)
- Interprise systems bevelopment (MAJ03445)
 Internetworking and Applications (MAJ03445)
- Data Analytics (MAJ02081).

The following areas are offered as sub-majors:

- Business Information Systems Management (SMJ02064)
- Enterprise Systems Development (SMJ03036)
- Internetworking and Applications (SMJ03037)
- Data Analytics (SMJ02065)
- Computer Graphics and Animation (SMJ02066)
- plus sub-majors from other faculties.

Practice-based education

UTS: Information Technology is a leader in practice-based education and has offered a year of industrial experience, i.e. the Diploma in Information Technology Professional Practice (C20049) (see page 299), as part of its undergraduate courses for many years. The industry experience provides a better understanding of the relationship between theory and practice, and increases students' employability by providing work experience before graduation.

The Industry Partnering Unit (IPU) assists students in their preparation to obtain an industrial training position as part of the Diploma in Information Technology Professional Practice. The staff of the IPU maintain contact with various organisations that offer IT positions. Students seeking industrial training must attend the industrial training information session held in May each year and register in the semester preceding their intended period of industrial training.

The IPU maintains a database which provides information to students on available industrial training jobs.

Undergraduate progression rules

Undergraduate students who do not maintain the required minimum level of progress may be excluded from a course and have their enrolment withdrawn. The minimum rate of progress is achievement of 50 per cent of the credit points in which a student has been enrolled since the beginning of that course. In addition, students are bound by the Rules of the University and are advised to refer to them:

www.gsu.uts.edu.au/rules

Grading of awards

The cut-off points for grading are fixed and common across all undergraduate degrees as follows.

Students who have completed the required subjects and credit points determined for each award qualify to graduate at pass level.

Qualification for graded awards is based on the weighted average mark calculated for all graded subjects completed, including electives. Ungraded pass/fail subjects, including electives taken while on exchange and exemptions granted as recognised prior learning, are not included in the calculation.

In the case of combined degrees where the IT component is less than 144 credit points, the grading of the IT component normally includes all IT subjects, plus core subjects from the non-IT degree, to a total not less than 144 credit points. Students in combined degrees who wish to confirm which subjects are counted towards the grading of their degree should check with the Faculty of Engineering and Information Technology.

For a degree with distinction, the weighted average mark must be greater than or equal to 75. For a degree with credit, the weighted average mark must be greater than or equal to 65 and less than 75.

The grading of Bachelor of Science (Honours) in Information Technology is as follows.

Students who have completed the required subjects and credit points (48 credit points) determined for the award qualify for third class honours.

Qualification above third class honours is based on the weighted average mark calculated for all graded subjects completed, including electives. Ungraded pass/fail subjects and exemptions granted as recognised prior learning are not included in the calculation. All failures are included in the calculation.

- First class honours: the weighted average mark must be greater than or equal to 85.
- Second class honours (division 1): the weighted average mark must be greater than or equal to 75 and less than 85.
- Second class honours (division 2): the weighted average mark must be greater than or equal to 65 and less than 75.

The University Medal is awarded to the top student(s) in each graduating cohort provided their weighted average mark is above 85.

Postgraduate course information

Postgraduate coursework

UTS: Information Technology offers postgraduate degrees in information technology, IT management, internetworking and interactive multimedia

The courses are designed to challenge the IT professional, help professionals develop specialised IT skills or equip people to enter the IT industry from other fields. The innovative programs cover growth areas such as cloud computing, computer graphics and gaming, data mining, enterprise software engineering, human-centred design, information sytems services, interactive multimedia, networking applications and services, and strategic IT management and leadership.

Progression rules

Postgraduate information technology students may be excluded from further study at the University if they fail more than 50 per cent of the total number of enrolled credit points from the commencement of the course.

Postgraduate information technology students may also be excluded from a course if they exceed the maximum time allowed for completion of that course (see rule 10.5).

Credit recognition

Credit recognition is granted on the basis of the successful completion of equivalent subjects from recent undergraduate or recent postgraduate studies from recognised tertiary institutions. Students should lodge an application for credit recognition form if they wish to apply for exemptions from subjects within their enrolled course.

Postgraduate credit recognition is not normally granted where prior studies were undertaken more than three years previously. Postgraduate credit recognition is not granted for prior sub-degree TAFE studies or industry certifications. Credit recognition is mostly given for core subjects. However this is dependent on the specific program.

Articulation

While courses are offered as stand-alone qualifications they are also components of integrated programs of study that enable students who satisfactorily complete a graduate certificate or graduate diploma to apply for entry to a higher-level course within their chosen field of study. Where a student articulates from one level of study to another, the subjects completed are also carried forward into the higher-level course. Articulation is via internal course transfer.

Internal course transfer forms are available at:

www.sau.uts.edu.au/forms

Postgraduate research

UTS: Information Technology has a lively and cutting-edge research culture driving advances in engineering and IT technology, practice and education. UTS: Information Technology's research is needsdriven and collaborative, and works with many enterprises in business partnerships. Researchers are world-class and recognised leaders in their fields.

Research is varied and utilises modern laboratories and research facilities at City campus, Broadway. These are supported by extensive computing facilities and library services. The laboratories have excellent back-up workshops and expert support staff. Many opportunities exist for professional development through challenging, well-resourced research programs.

UTS: Information Technology practises excellence in research and research training, and is committed to the production of high quality research output in collaboration with other faculties, other universities and industries in Australia and overseas. UTS: Information Technology's increasing research activities are driven by a substantial number of excellent research leaders among academic staff which has resulted in a significant increase in high quality research publications, PhD completions and competitive research grants awarded, in particular, research grants from the Australian Research Council.

Contacts and inquiries

The management and administration of all research matters of the Faculty of Engineering and Information Technology is managed through the Research and Development Office, headed by the Associate Dean (Research and Development). The office is responsible for a broad range of matters including, but not limited to, research strategic priorities, policy and planning, and advice and support to staff in preparing grant applications, research publications, research conferences and research degree student supervision. The Associate Dean is supported by the Director of Research Programs, the Research Manager and the research administration officers, who are responsible for the academic management and support of research degree students and general research matters respectively.

Research matters are governed via the Research Management Committee and Research Degrees Committee that report to the Faculty Board in Engineering and Information Technology. The Research Management Committee has overarching responsibility for determining research strategies and policies, and for making recommendations in relation to building a research culture and profile, and for budgetary and resourcing matters relating to research. The Research Degrees Committee makes recommendations and sets policies relating to candidature management of higher degree research degree students, from admission through to graduation.

Specific inquiries should be directed to the Faculty of Engineering and Information Technology Research and Development Office. Key staff are:

Associate Professor Jaya Kandasamy Director of Research Programs telephone +61 2 9514 2558 email Jaya.Kandasamy@uts.edu.au

Dan Gollan Research Manager telephone +61 2 9514 7863 email Daniel.Gollan@uts.edu.au

Craig Shuard Research Administration Officer telephone +61 2 9514 4460 email Craig.Shuard@uts.edu.au

Phyllis Agius Research Administration Officer telephone +61 2 9514 2686 email Phyllis.Agius@uts.edu.au

Gunasmin Lye Research Administration Officer telephone +61 2 9514 2663 email Gunasmin.Lye@uts.edu.au

General inquiries from domestic students should be directed to:

UTS Graduate Research School telephone +61 2 9514 1336

General inquiries from international students should be directed to:

UTS International telephone 1800 774 816 (free call within Australia)

Research profile and strengths

The Faculty of Engineering and Information Technology has a number of key research centres and institutes. These centres are hives of research activity that have international standing within their respective discipline areas. The centres include:

- Advanced Analytics Institute
- Centre for Built Infrastructure Research
- Centre for Electrical Machines and Power Electronics
- Centre for Energy Policy
- Centre for Health Technologies
- Centre for Human-Centred Technology Design
- Centre for Innovation in IT Services and Applications
- Centre for Intelligent Mechatronic Systems
- Centre for Quantum Computation and Intelligent Systems
- Centre for Real-Time Information Networks
- Centre for Technology in Water and Wastewater.

Collaborative research

The research strengths in the Faculty of Engineering and Information Technology were recognised as a consequence of a thorough analysis of networks of expertise and communities of interest, and based on the review of ICT research at UTS.

Each UTS: Information Technology research strength includes a number of specialised research laboratories that bring together staff, experts, research students and external organisations to develop new and innovative ideas, and apply them in practice. The quality and relevance of research in the research laboratories is enhanced by well-established links, both with industry and with overseas research institutions. Graduate research students, academics, visiting researchers and research assistants undertake collaborative research within these laboratories.

Further information is available from:

www.feit.uts.edu.au/research

Research opportunities and major research areas

Research opportunities are available in the following areas of specialisation.

- School of Civil and Environmental Engineering: built infrastructure; structural engineering; geotechnical engineering; construction materials; local government; road engineering; water and environmental resource management; water modelling; membrane technology in water and wastewater treatment; soil contamination and remedial techniques; and solid waste management.
- School of Computing and Communications: wireless relay/ mesh and cooperative networking; body area networking; microand nano-scale networks; 4G (WiMAX, LTE); short-range RF and inductive near field communication systems and sensing; antennas and propagation; microwave engineering; national broadband network; multi-antenna systems; wireless sensor $networks; bio\text{-}mimetic\,paradigms\,for\,network\,management\,and$ configuration; autonomic communications; anticipatory systems; radio resource management (RRM) mechanisms; Satellite communications and broadcasting; LAN/WAN enterprise networking; network embedded applications; m-health monitoring; mobile networks; personal area networks; multilayer switching; mobile and distributed multimedia applications and services; network security; internet service architecture; programmable networks; internet quality of service; web technologies; web architecture framework; mobile commerce and internet business; location-based services; network grid services; peer to peer networks; digital signal processing; pattern recognition; computer vision; multimedia; image processing; image and video analysis; machine learning; cognitive and affective multimedia content analysis; and multimedia systems.
- School of Electrical, Mechanical and Mechatronic Systems: advanced control; artificial intelligence; autonomous robotics; automotive engineering; biomedical engineering; energy; embedded systems; health technologies; mechatronics; power systems; and renewable energy.
- School of Software: art and technology; artificial intelligence; computer animation; computer games; computer graphics; computer usability; data mining; e-finance; e-government; e-health; e-marketing; e-safeguard; e-security and e-service; emergency management; expert systems; human-computer interaction; information systems; innovation and creativity; innovation and technology; intelligent agents; intelligent problem

solving and smart business decision-making in engineering; interaction design; interactive entertainment; interactive story telling; learning environments; multi-agent systems; multimedia; next-generation automated enterprise cooperative infrastructure; object-oriented computing; object-oriented processes and methodologies; ontologies; optimisation activities; quantum computing; ray tracing; rendering techniques; requirements engineering; resource planning; robotics; semantic web; smart trading systems; software development; and technology design and use.

School of Systems, Management and Leadership: energy
policy and planning; engineering practice; environmental risk;
information systems; IT education; IT governance; IT strategy
and management; knowledge management; operations and
risk management; strategic IT leadership; systems analysis and
design; systems development; and systems theory and sociotechnical systems.

Research centres and institutes

The Faculty of Engineering and Information Technology supports several centres and institutes, each capturing established research strengths in Engineering and Information Technology related fields. These include the following:

Advanced Analytics Institute (AAI)

AAI provides interdisciplinary expertise and leadership in areas including data mining, machine learning, applied statistics, behaviour analytics, data science and engineering, marketing, finance, economics, decision-making, optimisation and risk management. AAI offers cross-disciplinary and cross-domain research capabilities and hands-on experience in advanced analytics across historical data, realtime information and future trends. Analytics is a fast-growing global industry with an ever-increasing demand for qualified graduates. At UTS, a cross-disciplinary approach to analytics research brings together experts from across UTS's faculties and research centres to form a specialist analytics group. AAI brings together leading researchers from the Faculty of Engineering and IT, the Faculty of Business, the Centre for Quantum Computation and Intelligent Systems (QCIS) and the Centre for the Study of Choice (CenSoC). The Institute also fosters dedicated research and development resources for advanced analytics and receives resource support from the UTS External Engagement department and the UTS Research Innovation

AAI offers unique training programs in broad-based analytics. AAI is working towards fostering world-class specialists and analytical project managers for specific domains through a supervisor-driven and practice/project-oriented approach, interdisciplinary workshops, short courses (including executive training), and day-to-day engagement in tier-one organisations.

Professor Longbing Cao Director telephone +61 2 9514 4477 email advancedanalytics@uts.edu.au www.analytics.uts.edu.au

Centre for Built Infrastructure Research

The Centre for Built Infrastructure Research (CBIR) comprises a multidisciplinary team of researchers from the faculties of Engineering and Information Technology; Science; and Design, Architecture and Building. CBIR's nationally and internationally renowned work focuses on finding solutions to important global problems in control, rehabilitation and health monitoring of building structures and bridges, green and smart materials, sustainable design, management, improvement, safety and conservation.

Professor Bijan Samali Director telephone +61 2 9514 2023 email Bijan.Samali@uts.edu.au www.research.uts.edu.au/strengths/bi

Centre for Electrical Machines and Power Electronics

The Centre for Electrical Machines and Power Electronics (CEMPE) is principally concerned with electrical variable speed drives and generation of electricity using rotating electrical machines and renewable sources (such as wind and hydro). The technical research disciplines necessary for these two areas are very similar, covering electrical machines design, power electronics and mechanical design. The interest in renewable energy generation is primarily for remote

areas and developing countries, so the incorporation of expertise in design for such areas is valuable, with the inclusion of energy requirements analysis, energy economics, technology transfer and human management issues.

Professor Joe Zhu Director telephone +61 2 9514 2318 email Jianguo.Zhu@uts.edu.au http://services.eng.uts.edu.au/cempe

Centre for Energy Policy

The Centre for Energy Policy (CEP) addresses contemporary energy and environmental policy issues in national and international contexts. Energy market reforms, environmental policy options, and energy-economy interactions are key areas of focus. Research undertaken in the centre is policy-oriented, applied, and cross-disciplinary, emphasising the weaving together of technical, business, economic, legal, social, political and philosophical dimensions of energy, environmental and economic policies.

Professor Deepak Sharma Director telephone +61 2 9514 2422 email Deepak.Sharma@uts.edu.au

Centre for Health Technologies

Professor Hung Nguyen

Director

The interdisciplinary research skill base brought together in the Centre for Health Technologies (CHT) is unique in Australia in the development of medical devices and systems. The CHT has four research programs: non-invasive instrumentation, bio-therapeutics, bio-electromagnetics and nano-biotechnology. Its focus is on health and disease processes, the development of new devices and advanced methods for the early detection, diagnosis and rehabilitation of cardiovascular disease, diabetes, neurological disorders and cancer. Its research has already produced several new device technologies which are at the cutting edge of biomedical engineering and science.

telephone +61 2 9514 4441 email Hung.Nguyen@uts.edu.au Professor Ann Simpson Director telephone +61 2 9514 4097 email Ann.Simpson@uts.edu.au http://services.eng.uts.edu.au/~htn/health.html

Centre for Human Centred Technology Design

The Centre for Human Centred Technology Design (HCTD) is committed to information and communications technology (ICT) design research, methods and approaches, as defined by its commitment to the human, that is, to those who will use the technology.

HCTD's approach furthers the development of a much needed sociotechnical perspective on technology design that can both balance and extend the more common technology driven or management driven perspectives. HCTD's focus is on understanding the complex interplay between the drivers of social, organisational and technical change and how these shape, and are shaped by, the design, implementation and use of information and communication systems. The centre's research outcomes contribute to the design and development of ICT that fit easily and appropriately into the social, cultural and organisational contexts within which they will be used.

Professor Toni Robertson Director email Toni.Robertson@uts.edu.au Professor Didar Zowghi Director email Didar.Zowghi@uts.edu.au

Laboratories and contacts

Interaction Design and Human Practice Laboratory (IDHuP) Lab Director: Professor Toni Robertson email Toni.Robertson@uts.edu.au Requirements Engineering Research Laboratory (RE) Lab Director: Professor Didar Zowghi email Didar.Zowghi@uts.edu.au Creativity and Cognition Studio (CCS) Lab Director: Professor Ernest Edmonds email Ernest.Edmonds@uts.edu.au

Games Studio

Lab Director: Associate Professor Yusuf Pisan

email Yusuf.Pisan@uts.edu.au

Leadership for Innovation in the Digital Age Research Community (LiDA)

Lab Director: Associate Professor Ken Dovey

email Ken.Dovey@uts.edu.au

Centre for Object Technology Applications and Research (COTAR)

Lab Director: Professor Brian Henderson-Sellers

 $email\ Brian. Henderson-Sellers @uts.edu. au$

Technology, Education, Development and Design Research Laboratory (TEDD)

Lab Director: Andrew Litchfield email Andrew.Litchfield@uts.edu.au

Centre for Innovation in IT Services and Applications

The Centre for Innovation in IT Services and Applications (iNEXT) is a world-class research environment for developing and nurturing innovation for the next generation IT services and applications, including internet-enabled business applications, mobile health services, high-end visualisation technologies, novel image processing architectures and advanced video surveillance systems.

- Future internet: iNEXT aims to develop those enabling mechanisms that will allow the transformation of the current connectivity infrastructure into the service infrastructure of tomorrow's internet.
- Applications and services: iNEXT aims to develop innovative applications with special focus on assistive mobile health and internet-enabled business applications.
- Visual information processing: iNEXT aims to define novel visualisation techniques and intelligent recognition algorithms for extracting important information from video streams and wireless sensor networks for surveillance and environmental monitoring purposes.

Commercialisation of such applications and services is particularly emphasised. iNEXT includes a significant research training component, graduating many research students in the past years.

Professor Doan Hoang

Director

email Doan.Hoang@uts.edu.au

Professor Massimo Piccardi

Director

email Massimo.Piccardi@uts.edu.au

Laboratories and contacts

Advanced Research in Networking Lab Director: Professor Doan Hoang email Doan.Hoang@uts.edu.au

Computer Vision and Image Processing Lab

Lab Director: Professor Xiangjian He

email Xiangjian.He@uts.edu.au

Surveillance Lab

Lab Director: Professor Massimo Piccardi email Massimo.Piccardi@uts.edu.au

Visualisation Laboratory

Lab Director: Associate Professor Mao-Lin Huang

email Mao.Huang@uts.edu.au

Centre for Intelligent Mechatronic Systems

Building on 15 years of strong cross-disciplinary research in electrical machines and power electronics at UTS, the Centre for Intelligent Mechatronic Systems (CIMS) integrates the disciplines of mechanical, electrical and electronics engineering and computer systems. Its four main research directions are: autonomous robots (operating in unstructured environments and for infrastructure maintenance, search and rescue, health care and road vehicles); electrical machines (new materials and topologies, system optimisation, variable speed

control and compact, low temperature fuel cells); automotive systems (performance, comfort, fuel efficiency, road safety and emission control); and human factors (physiological and psychological aspects of human–machine and human–environment interaction).

Professor Gamini Dissanayake

Director

telephone +61 2 9514 2683

email Gamini.Dissanayake@uts.edu.au www.research.uts.edu.au/strengths/imes

Centre for Quantum Computation and Intelligent Systems

The Centre for Quantum Computation and Intelligent Systems (QCIS) is a research centre within the University's Priority Investment Research Program. The centre's mission is to be acknowledged by research centres throughout the world as a pre-eminent research centre in quantum computation and intelligent systems, and to be acknowledged by Australian industry and government as a leading source of knowledge and expertise in quantum computation and intelligent systems.

The centre was established in April 2008 with a vision to develop:

- theoretical foundations for quantum computation
- theoretical foundations for intelligent systems, and
- innovative technologies for intelligent systems.

This technology will result in next-generation enterprise intelligent information systems.

The centre's five major research programs cover quantum computation, knowledge discovery, decision support, innovation and infrastructure enhancement. Together, these programs develop a set of innovative and practical methodologies and techniques for intelligent information processing and system building for a broad range of businesses in the finance, marketing, security, health, government and engineering sectors.

Professor Chengqi Zhang

Director

 $email\ Chengqi. Zhang@uts.edu.au$

Professor John Debenham

Co-Director

email John.Debenham@uts.edu.au

Laboratories and contacts

Quantum Computation Laboratory

Lab Director: Associate Professor Runyao Duan

email Runyao.Duan@uts.edu.au

Data Sciences and Knowledge Discovery Laboratory

Lab Director: Professor Xingquan Zhu email Xingquan.Zhu@uts.edu.au

Decision Systems and e-Service Intelligence Laboratory

Lab Director: Professor Jie Lu email Jie.Lu@uts.edu.au

Knowledge Infrastructure Enhancement Laboratory

Lab Director: Dr Paul Kennedy email Paul.Kennedy@uts.edu.au

Innovation and Enterprise Research Laboratory

Lab Director: Professor Mary-Anne Williams email Mary-anne.Williams@uts.edu.au

Centre for Real-Time Information Networks

The Centre for Real-Time Information Networks (CRIN) aims to support research and development activities related to the efficient creation, collection, transmission, analysis and use of information in real-time, engineering-embedded applications. The centre supports the improvement of Australian society through a focus on applied research achieved through close links with both industry and research bodies working in appropriate application domains.

Examples of priority areas of interest for the centre are national security for safeguarding Australia, healthcare diagnosis and monitoring for the cost effective improvement of the health of Australians, environmental and resource monitoring for a sustainable Australia, and the smart use of the web in supporting Australian industry.

The centre aims to design, fabricate and test proof of concept systems, in which the performance and operational suitability of the developed systems is demonstrated. The proof of concept systems may be electronic hardware, software, or a combination of hardware and software, and will include the latest prototyping technologies, such as embedded processors, high-performance networks and sophisticated distributed software applications.

Associate Professor Kumbesan Sandrasegaran Director (acting) telephone +61 2 9514 2428 email Kumbesan.Sandrasegaran@uts.edu.au www.crin.uts.edu.au

Centre for Technology in Water and Wastewater

The Centre for Technology in Water and Wastewater (CTWW) undertakes research to ensure the sustainable management of water resources in both urban and rural environments, in Australia and internationally. This collaborative research centre links researchers, government, industry and community partners through its research programs, which include solid liquid separation and filtration technologies in water treatment; innovative biological treatment systems for wastewater treatment; membrane hybrid and nanotechnology systems in water, wastewater and stormwater treatment; water reuse; desalination; in situ barrier and other systems for treatment of groundwater, surface and groundwater hydrology; bio-solid and waste management; urban water cycles and soil/aquifer management and modification; and flood management and catchment modelling for flood prediction.

Professor Saravanamuth Vigneswaran Director telephone +61 2 9514 2641 email Saravanamuth.Vigneswaran@uts.edu.au www.research.uts.edu.au/strengths/ctww

Formal external research links

UTS: Information Technology research groups have formal links to external organisations such as the Cooperative Research Centres (CRC) network.

Capital Markets CRC

The Capital Markets CRC aims to be the technology provider of choice to global securities businesses/markets. It supports research programs in corporate governance, data mining, interoperability, language technology, market design and visualisation.

Professor Chengqi Zhang email Chengqi.Zhang@uts.edu.au

UTS: INTERNATIONAL STUDIES

Information for students

UTS: International Studies plays a key role in the internationalisation of the UTS teaching and learning experience both in the Faculty of Arts and Social Sciences (FASS) and across the University.

The International Studies program teaches:

- about cultural diversity and social change in Asia, Europe and the Americas
- about processes of regionalisation, internationalisation, transnationalism and globalisation, and their localised receptions
- a suite of Asian and European language and culture subjects at many levels.

UTS: International Studies is responsible for the coordination and implementation of the following teaching programs:

- the Bachelor of Arts in International Studies, which can be combined with most other bachelor's-level degrees at UTS
- the Bachelor of Global Studies (C10264) (see page 278)
- the Australian Language and Culture program (see page 91)
- the Graduate Diploma in International Studies (C06106) (see page 400) and Master of Arts in International Studies (C04262) (see page 384) (by coursework)
- Master of Arts in International Studies (Research) (C03034) (see page 491)
- Doctor of Philosophy (PhD) in International Studies (C02039) (see page 478).

Staff in UTS: International Studies also conduct research in the above areas, with particular strengths in European, Latin American, Asian and China studies, as well as in language teaching and curriculum development. Staff in the program are affiliated with a number of FASS research centres: the Transforming Cultures Research Centre, the Cosmopolitan Civil Societies Research Centre, the China Research Centre and the Centre for Research in Learning and Change.

Staff may also supervise research students in the PhD and Master of Arts in International Studies (Research). Supervision may be available in languages other than English, such as Chinese.

Location, contacts and inquiries

Ask UTS www.ask.uts.edu.au email iisinfo@uts.edu.au www.internationalstudies.uts.edu.au fax +61 2 9514 1500

Bachelor of Arts in International Studies

Technological change, globalisation and increased mobility during the second half of the 20th century have dramatically increased the importance of having an international outlook. In all aspects of life and work, contemporary graduates need to be aware of the wider world. UTS aims to enhance its graduates' understanding of other cultures and societies through the Bachelor of Arts in International Studies, which can be combined with most other bachelor's-level degrees at UTS.

The Bachelor of Arts in International Studies introduces students to languages and cultures of the non-English-speaking world and teaches them about contemporary societies in Asia, Europe and the Americas. The course provides opportunities for students to study overseas for an academic year at an institution of higher education in the country of their international studies major. At postgraduate level, the Master of Arts in International Studies (C04262) (see page 384) (by coursework) also provides the possibility of study overseas for one semester.

The key element in the Bachelor of Arts in International Studies is a period of study overseas (see page 88). In preparation for this, the study of the language and culture (see page 88), contemporary society (see page 91), and political and economic structure of the relevant country is necessary. The course requires undergraduate and postgraduate (coursework) students to follow a single major (see page 92), a specialisation in a particular country or region.

Students study one of the following countries or majors: Argentina, Canada (Québec), Chile, China, Colombia, France, Germany, Italy, Japan, Latino USA, Mexico, Spain or Switzerland.

Students are admitted to the combined degrees with international studies with no guarantee of entry to a specific major, although every effort is made to meet students' preferences. UTS: International Studies reserves the right to allocate places in majors according to its resources and arrangements with overseas universities.

The Bachelor of Arts in International Studies has no prior language requirements.

Each student's choice of major and subjects requires the approval of the Faculty Board of the Faculty of Arts and Social Sciences.

In exceptional circumstances (see special arrangements) (see page 91) students may, with the approval of the head of the International Studies program, vary the designated subjects in their international studies major. See the lists of approved alternative subjects (see page 91) for undergraduate students and for postgraduate students.

International students

International students may apply to undertake any of the combined degrees with international studies, or the postgraduate coursework program. International students follow the same program as local students, and may access any of the majors offered, provided the country they choose as their major is able to grant them a visa to study there. This needs to be determined prior to commencing subjects within the major. If a visa cannot be granted, it is not possible for the student to undertake the chosen major.

Language and culture subjects

UTS: International Studies organises the teaching of Chinese, French, German, Italian, Japanese and Spanish for all UTS students.

UTS students can access language and culture subjects in one of the following ways:

- as part of an undergraduate combined degree or as part of the postgraduate coursework degree program in international studies
- as part of the Bachelor of Global Studies (C10264) (see page 278)
- as a sub-major within a degree where this option is available
- as elective subjects in any other UTS degree, with faculty approval, or
- as non-award subjects.

Students are encouraged to study a language other than English, not only to gain a communication tool, but also to gain an understanding of another culture and society. UTS: International Studies does not usually give exemptions for any previous study of languages. The language and culture subjects admit students at different levels and are able to meet various levels of linguistic competence in order to enhance each student's communicative ability. Students in the combined degree with international studies are asked to contact UTS: International Studies regarding any issues with their language and culture subjects.

UTS students who want to study languages not offered at UTS are asked to apply via cross-institutional enrolment to the university that offers the language they wish to study. Students need to plan ahead and check the deadline for when cross-institutional applications close at the other university. UTS: International Studies is unable to assist with cross-institutional enrolments.

UTS students who wish to engage in language and culture studies at UTS, but not for credit to a degree, are admitted as fee-paying, non-award students. Students from other institutions can enrol in language and culture subjects as cross-institutional students. Application forms for non-award or cross-institutional enrolment may be downloaded from the UTS website at:

www.uts.edu.au/study/nonaward.html

In all cases, classes are only taught at UTS if student numbers permit. Language and culture subjects are an important part of the Bachelor of Arts in International Studies. They are designed to prepare UTS students for further study in the country of their international studies major.

Enrolment procedures for language and culture subjects

Combined degree students in the Bachelor of Arts in International Studies and students in the postgraduate coursework degree program are required to enrol in language and culture subjects as noted on their study plan.

Other UTS students who wish to study a language and culture subject as a credited sub-major or elective(s) in their current degree need to obtain approval from their faculty before they enrol in the subject.

All students undertaking language and culture study at UTS for the first time need to complete a level assessment to ensure that they are placed at an appropriate class level.

UTS: International Studies reserves the right to place students in a class that is appropriate for their level of language proficiency.

The procedure for students who wish to take UTS: International Studies subjects as electives or sub-majors is as follows.

- Students must, at the earliest opportunity during the enrolment period, request permission from their faculty to study the subject by submitting an e-request. When submitting an e-request for a language subject students, must complete the additional fields under the Language Subject Details section. More information is available at language assessment.
- Once the subject is approved, the Student Centre makes an initial assessment of the e-request by analysing the responses in the Language Subject Details section, in conjunction with the submitted supporting statement.
- Student Centres add and waiver the level 1 subject if students have little or no experience in the language, and then reply to the student.
- For students with prior knowledge or experience in the language, their e-requests are forwarded to UTS: International Studies for processing.
- Students who require an assessment need to attend a language session.

Students wishing to study a language as an elective are only granted approval if spaces are available four weeks before the beginning of semester. Places in subjects are limited.

Students intending to take international studies subjects as electives or sub-majors are advised to lodge an e-request at the earliest opportunity during the enrolment period.

Credit points and workload

All language and culture subjects are taught over one semester and have a value of 8 credit points. All language and culture subjects taught on UTS campuses consist of four contact hours a week.

To cater for the different needs of students, each language and culture program has different points of entry depending on a student's language skill. Beginner levels necessarily concentrate more on basic communication skills; the higher levels introduce students to literature and culture in the language of study.

Students who start a language at beginners level on their entry to the Bachelor of Arts in International Studies can expect to acquire survival language skills for their period of in-country study, and to lay a strong foundation for further language acquisition after graduation.

Students with competence in a language they intend to study are admitted to the language and culture subjects at a higher level to reflect their ability in that language. These students are expected to improve their existing skills in speaking, comprehension, reading and writing. Through the process of language acquisition, students are also encouraged to obtain an insight into the relevant culture.

Students in the Bachelor of Arts in International Studies follow a specific language and culture program by enrolling in a series of subjects — four for undergraduates in an international studies combined degree and at least two for postgraduates in the postgraduate coursework degree program in international studies.

In exceptional circumstances students with advanced competence in a language may be exempted from further study in that language. Students who have advanced competence in the language of their major are encouraged to chose a third language in the International Studies program. Other subjects may also be taken. Further details are provided under the regulations for special arrangements (see page 91). Any amendments to the individual student's International Studies program are subject to the approval of the head of the International Studies program.

In-country study

In-country study is a key component of both the Bachelor of Arts in International Studies and the Master of Arts in International Studies (by coursework). It provides a unique opportunity for students to immerse themselves in the language and culture of another country, through a learning program at a host university, through involvement in the life of the local community, and through assignments that are supervised by UTS: International Studies.

When?

Students taking the combined degree with a Bachelor of Arts in International Studies must spend two semesters of study at a university or other higher education institution in the country of their major. In-country study is usually taken in the fourth year of a combined degree. Students taking the Master of Arts in International Studies may spend one semester of study in the country of their major.

Where?

All in-country study is taken in countries where English is not the predominant language. In-country study is organised by UTS: International Studies at over 70 universities in Argentina, Canada (Québec), Chile, China, Colombia, France, Germany, Italy, Japan, Latino USA, Mexico, Spain or Switzerland.

What?

Each student's individual study program depends on their level of language competence and the subjects and other learning experiences that are available at their host university. All students must also complete assignments that are assessed by staff of UTS: International Studies.

Costs

In-country Study 1 and In-country Study 2 are full-credit subjects at UTS for which the student contribution is payable at undergraduate level. Students receiving student financial support in Australia are still eligible to receive it while they are engaged in the period of incountry study.

The costs of tuition at overseas universities and of travel between Sydney and the student's place of study are paid by UTS, except in cases where a scholarship has been awarded to a student with provision for these costs. Visa fees are also paid by UTS and students are covered by the UTS Overseas Insurance Policy.

Students pay the costs of accommodation and other living expenses during their period of in-country study. Students should be aware that the living costs vary from country to country and that in some countries living costs are high. The UTS medical service is available to students for medical examinations for visas, vaccinations and other country-specific health advice.

Admission to in-country study

Under normal circumstances, students can only proceed to a period of in-country study within the Bachelor of Arts in International Studies after they have successfully completed all earlier stages in the combined degree. Students who have not successfully completed all earlier stages may proceed to a period of in-country study only with the permission of both the dean of the faculty in which their degree is based and the head of the International Studies program.

In-country study academic prerequisites

Before undertaking In-country Study 1, students must have satisfactorily completed:

- 976001 Foundations in International Studies
- four semesters of language and culture subjects approved by the International Studies program as appropriate for the student's particular country major
- the contemporary society subject relevant to country major
- all the required subjects in the student's professional degree program.

Before undertaking In-country Study 2, students need to have successfully completed In-country Study 1.

Content and assessment

Students with a basic level of language competence usually follow a program of study that continues to develop their knowledge and understanding of the host country's language and culture. Those whose level of language competence is adequate, study subjects related to the development of the contemporary society — history, economics, politics, society and culture — of the host country, alongside students from that country. Those whose level of language competence and understanding of local culture is close to that of a native speaker may choose freely from a wide range of subjects with the approval of the host university and UTS: International Studies.

In all cases, students undertake a reduced study load at the host institution. In addition to the classes attended, all students are expected to complete assignments administered by UTS: International Studies, and these, together with a satisfactory report from the host institution, are the basis for assessment.

Any study undertaken at the host university during the two semesters of in-country study is part of the in-country study experience. Students may not credit any subjects completed at their host university during the period of in-country study towards the professional component of their combined degree.

Conditions of participation for in-country study

Before students engage in a period of in-country study, they may be required to meet appropriate financial and enrolment requirements. They are also required to agree to be governed by UTS: International Studies' conditions of participation for the period of in-country study and to abide by the rules and regulations of the host institution and the laws of the host country. The conditions of participation are as follows:

As a student of UTS participating in a period of in-country study within the International Studies program, I understand that I remain subject to the Rules, Codes of Conduct, Policies and Procedures of UTS (see rule 2.1.1) and undertake to:

- accept financial responsibility for all personal expenditure and for all costs that are additional to those met by UTS; additional costs may include insurance or social security payments required by host universities
- meet all academic requirements that precede the period of incountry study
- abide by the regulations for in-country study travel arrangements as set out by UTS: International Studies
- participate in any pre-departure preparation specified by UTS: International Studies and abide by deadlines in the processes of collating necessary information for travel and university enrolment arrangements
- advise the appropriate faculty and UTS: International Studies of any changes in an academic program while overseas in accordance with applicable UTS dates and the guidelines of UTS: International Studies
- abide by the laws of the host country
- abide by the rules and regulations of the host institution (see rule 2.1.5)
- behave personally and professionally in an appropriate manner for a representative of UTS
- consult with staff of UTS: International Studies and advisers at the host institution should any problems arise in relation to academic or other matters during a period of in-country study
- where relevant, obtain appropriate advice relating to health
 matters, disabilities or other special needs from a relevant
 professional regarding ability to complete the period of incountry study, and liaise with staff of UTS: International Studies
 should any additional arrangements be required. Note: UTS
 cannot guarantee that host universities will be able to meet the
 needs of all students, and in some cases students may be advised
 to complete in-country study by means of approved alternative
 subjects in Sydney.

I understand that failure to abide by these conditions may result in disciplinary action (see rule 2.1.10).

Rules and regulations for in-country study (ICS) travel

- The travel team at UTS: International Studies will be solely responsible for travel arrangements. All travel issues must go via UTS: International Studies travel staff. Students will not have any contact with travel agents.
- UTS will pay for the most economical, reasonably direct airfare to the ICS location. This includes applicable government and airline taxes.
- Students must comply with relevant airline security and baggage regulations.
- Major coordinators will decide on departure dates within their major. Students enrolled in the same program within one ICS location will depart from Sydney on the same date. Major coordinators will advise students of their departure dates from Sydney and their arrival dates at ICS locations.
- No changes can be made to the departure date from Sydney (except in cases of serious illness or misadventure and in consultation with the major coordinator and travel staff at UTS: International Studies).
- UTS will not be responsible for any extra costs involved with late travel bookings to the ICS location caused by students not providing relevant documentation within UTS: International Studies set timeframes.
- Students cannot make stopovers, change the routing or add any side trips to their air tickets. Students can individually organise any private travel during their semester breaks.
- Students are responsible for changing the date of their return flight to Sydney as advised by the travel team. Information on these procedures is distributed at the pre-departure briefing meeting along with air tickets. Return flights are subject to availability in the fare class booked.

- Students should return to Sydney only after completing their academic program at the host university. Students who wish to return to Sydney before their academic program has finished must have prior approval from their major coordinator.
- Students are able to stay overseas for a maximum of 12 months from their departure date ex-Sydney.
- UTS will not credit or refund travel for students who decide to make their own travel plans, or who fail to re-confirm fully with airlines their return flight details to Australia.
- Students withdrawing from travelling overseas on ICS for personal reasons, after air tickets have been issued, will be responsible for reimbursing UTS all cancellation costs. Cancellations costs may include any agency and airline fees.
- Students need to comply with instructions given by UTS on repatriation to Sydney for health or security reasons. Directions may be issued via the head of international studies, major coordinator or travel team.

Partner universities hosting in-country study programs

UTS: International Studies reserves the right to make alterations to the location and content of any program of in-country study at any time.

Argentina

• Universidad Católica Argentina (UCA), Buenos Aires

Canada (Québec)

• Université Laval, Québec City

Chile

- Chile Pontifica Universidad Católica de Chile (PUC), Santiago
- Universidad Adolfo Ibáñez (UAI), Valparaiso

China

- Shanghai University, Shanghai
- Shanxi University, Taiyuan
- Tianjin Normal University, Tianjin
- Yunnan Normal University, Kunming
- Zhejiang University, Hangzhou

Colombia

• Universidad de los Andes, Bogotá

France

- Télécom and Management SudParis, Évry
- Université de Caen Basse-Normandie, Caen
- Université Lumière Lyon 2, Lyon
- Université Michel de Montaigne Bordeaux 3, Bordeaux
- Université de Poitiers, Poitiers
- Université de Reims, Champagne-Ardennes, Reims
- Université Rennes 2 Haute Bretagne, Rennes
- Université de Strasbourg, Strasbourg
- Université de Toulon et du Var, Toulon
- Université de la Nouvelle Calédonie, Nouméa

Germany

- Georg-Augustus Universität Göttingen, Göttingen
- Technische Universität Berlin, Berlin
- Universität Duisburg–Essen, Duisburg
- Universität Karlsruhe, Karlsruhe
- Universität Konstanz, Konstanz
- Universität Potsdam, Potsdam
- Universität Regensburg, Regensburg
- Universität des Saarlands, Saarbrücken
- Universität Tübingen, Tübingen

Italy

- Libera Università di Lingue e Comunicazione IULM, Milan
- Politecnico di Milano, Milan
- Università Cattolica del Sacro Cuore, Milan
- Università degli studi di Bergamo, Bergamo
- Università degli studi di Bologna, Bologna
- Università degli studi di Catania, Catania
- Università degli studi di Genova, Genoa
- Università degli studi di Lecce, Lecce
- Università degli studi di Modena e Reggio Emilia, Modena
- Università degli studi di Trieste, Trieste

Japan

- Gifu University, Gifu
- Hokkaido University of Education, Hakodate Campus, Hakodate, Hokkaido
- Ibaraki University, Mito City, Ibaraki Prefecture
- Kagoshima University, Kagoshima, Kyushu
- Kansai Gaidai University, Hirakata City, Osaka Prefecture
- Kyoto University of Foreign Studies, Kyoto
- Kyushu Institute of Technology, Kitakyushu, Kyushu
- Nagoya Institute of Technology, Nagoya City, Aichi Prefecture
- Niigata University, Niigata City, Niigata Prefecture
- Nishogakusha University, Kashiwa, Chiba
- Obirin University, Machida, Tokyo
- Okinawa University, Naha, Okinawa
- Osaka Prefecture University, Osaka
- Tokyo Institute of Technology, O-okayama, Tokyo
- Sapporo University, Sapporo, Hokkaido
- Yamanashi University, Kofu, Yamanashi
- Yokohama National University, Yokohama

Latino USA

- San Diego State University
- University of Arizona, Tucson
- University of Miami, Florida
- University of Texas, El Paso

Mexico

- El Instituto Tecnológico y de Estudios Superiores de Monterrey (ITSEM), Monterrey
- Universidad de Guadalajara (UdeG), Guadalajara
- Universidad de las Américas (UDLA), Puebla
- Universidad Veracruzana (UV), Xalapa

Spain

- Universitat Autònoma de Barcelona, Barcelona
- Universitat Abat Oliba, Barcelona
- Universidad Antonio de Nebrija, Madrid
- Universidad de Cantabria, Santander
- Universidad de Granada, Granada
- Universidad de La Rioja, LogroñoUniversidad de Málaga, Málaga
- Universidad de Sevilla, Sevilla
- Universidad de Navarra, Pamplona
- Universidad Pública de Navarra, Pamplona
- Universidad de Salamanca, Salamanca
- University Alfonso X El Sabio, Villanueva de la Cañada (Madrid area)

Switzerland

- Université de Lausanne, Lausanne
- Universität Zürich, Zürich
- Universität Bern, Bern
- Université de Neuchâtel, Neuchâtel
- Université de Fribourg, Fribourg
- Università della Svizzera italiana, Lugano

Academic support and pastoral care

In-country academic advisers from each host university assist UTS: International Studies' staff in monitoring students' progress and provide academic support and pastoral care. At the end of each semester of in-country study, the host university reports to UTS: International Studies oneach student's progress. Country coordinators from UTS: International Studies visit each student at least once during their in-country placement and regular contact is maintained with students and with the host universities' academic advisers.

Before departure, students receive both a subject outline and a detailed study guide, which together outline the study program for each host university, including the range of subjects available, assessment guidelines and criteria and advice on practical matters associated with settling into the life of the local community. The study guide also includes contact numbers for Australian embassies and consulates.

An emergency policy has been developed and students are advised of procedures to follow in the event of an emergency.

Alternative arrangements

In-country study is an integral component of the International Studies program; all students are expected to proceed to a period of in-country study during the course. In exceptional cases, after applying for special consideration, provision may be made for students to vary their program of study to fit individual circumstances. Under those circumstances, students may be required to complete their Bachelor of Arts in International Studies by taking subjects from the list of approved alternative subjects (see page 91). Replacing a 24-credit-point in-country study subject requires that the student complete three alternative subjects, two of which must be from UTS: International Studies. Any such request would need to be made in writing to UTS: International Studies at the earliest possible opportunity. Any variation in the Bachelor of Arts in International Studies is subject to the approval of the head of the International Studies program.

UTS: International Studies reserves the right to vary the in-country study component of the Bachelor of Arts in International Studies program in the event of unsafe conditions in a particular region.

Foundations in international studies and contemporary society

In each major of the Bachelor of Arts in International Studies, students take two specific subjects that provide an introduction to the history, politics, economics and society of the country or region of their international studies major.

The subject 976001 Foundations in International Studies provides students with an understanding of international approaches and perspectives in regards to issues of contemporary importance in Asia, Europe and the Americas. All students take this subject to help them gain an appreciation of representative theoretical approaches to the main forces in global issues sufficient to apply these approaches to specific cross-cultural and interdisciplinary areas of interest.

The contemporary society subjects provide an introduction to a specific country or region in order to ensure that students gain an understanding of its political, social and economic structures, and to identify its more dynamic aspects. No prior knowledge of the culture or skill in the language of the country concerned is required, and all teaching is conducted in English. Contemporary society subjects are alught by UTS: International Studies, with students studying the contemporary society subject relevant to their major (CBK90142). Contemporary society subjects are also offered as electives to all UTS students.

Australian Language and Culture program

The Australian Language and Culture program provides English language development through the study of Australian society and culture. Subjects may be undertaken only by study abroad or exchange students who have an English language test score lower than the UTS entry requirement.

The English proficiency requirement for international students or local applicants with international qualifications is IELTS: 5.0-6.0 overall with a writing score of 5.0; TOEFL: paper based: 510-550 overall with TWE of 3.0, internet based: 64-80 overall with a writing score of 17, with the exception of 59343 Experiencing Australian Language and Culture, which is restricted to students whose academic English falls below the IELTS requirements stated above.

Students may study subjects in the program for one semester then take an IELTS or TOEFL test. Students who then meet the UTS entry requirements can enrol in UTS faculty subjects for the second semester via UTS Exchange. The subjects available in the program are:

- 59304 English for Academic Purposes 1
- 59305 English for Academic Purposes 2
- 59306 Researching Australia 1
- 59307 Researching Australia 2
- 59308 Australian Society and Culture 1
- 59309 Australian Society and Culture 2
- 59302 Film and Popular Culture 1
- 59303 Film and Popular Culture 2
- 59343 Experiencing Australian Language and Culture

Further information is available from UTS International:

telephone + 61 2 9514 1798 fax + 61 2 9514 7843 email studyabroad.exchange@uts.edu.au www.uts.edu.au/international/exchange www.uts.edu.au/international/prospective/studying/abroad

Special arrangements

Under certain circumstances some students may need to vary the subjects of study prescribed by their major in the Bachelor of Arts in International Studies.

In these and other exceptional circumstances, special arrangements can be made to cater for individual needs. Students should notify UTS: International Studies in writing, at the earliest time possible, of these circumstances.

Under such circumstances, students are required to study one or more subjects from the list of approved alternative subjects to the equivalent value of credit points (see below).

For any amendment to the course of study, students need approval from the head of the International Studies program.

Approved alternative subjects

Approved alternative subjects for undergraduate students

Approved undergraduate alternative subjects include all language and culture subjects: Chinese, French, German, Italian, Japanese and Spanish. All language and culture subjects have a value of 8 credit points and are taught over one semester.

All contemporary society subjects may be taken as approved alternative subjects: Contemporary Canada (Québec), Contemporary China, Contemporary France, Contemporary Germany, Contemporary Italy, Contemporary Japan, Contemporary Latin(o) America, Contemporary Spain and Contemporary Switzerland. All contemporary society subjects have a value of 8 credit points. Note: Contemporary France, Contemporary Germany, Contemporary Italy, Contemporary Spain and Contemporary Switzerland are offered at the same time and day in Spring semester only; students are thus only able to select one of these subjects in that semester.

Other approved alternative subjects may be any of the following, subject to availability: 58227 Balancing World Views: Introduction to Aboriginal Cultures, 013082 Aboriginal Social and Political History and 58218 Ideology, Beliefs and Visions. Each of these subjects has a value of 8 credit points.

Approved alternative subjects for postgraduate students

Approved postgraduate alternative subjects include all language and culture subjects: Chinese, French, German, Italian, Japanese and Spanish. Other approved alternative subjects are also available in CBK90900.

Sub-majors, electives and non-award studies

Students at UTS can increase their intercultural skills by enrolling in a language and culture program and contemporary society subject. Students in any degree offered at UTS may be able to take these subjects as electives or as a sub-major, provided this is approved by their faculty.

Students can study Chinese, French, German, Italian, Japanese and Spanish.

Sub-majors are available by combining three international studies subjects; three contemporary society subjects from an international studies sub-major (SMJ09034); a contemporary society subject and two relevant consecutive language and culture subjects from a specialist country studies sub-major (SMJ09036); or three consecutive language and culture subjects from a language other than English (LOTE) studies sub-major (SMJ09035).

Language and culture subjects and contemporary society subjects may also be taken as non-award studies.

Note: Contemporary France, Contemporary Germany, Contemporary Italy, Contemporary Spain and Contemporary Switzerland are offered at the same time and day in Spring semester only; students are thus able to select only one of these subjects in that semester.

Further information on these subjects can be found in the study package directory.

Undergraduate course information

Bachelor of Global Studies

The Bachelor of Global Studies (C10264) (see page 278) is a new transdisciplinary degree focusing on the connections between the political, economic and cultural aspects of global phenomena, within the context of a chosen area of study. The program requires students to be able to engage in complex problem-solving regarding global phenomena from several different perspectives.

All students follow a core program in global studies, select a major, and either two sub-majors or one sub-major and an exchange semester:

- global studies core subjects (48cp)
- major choice (48cp)
- sub-majors and exchange semester (48cp).

In addition, students undergo a domestic work placement within a workplace that deals with global issues and practices in the first semester of the third year of the degree.

Bachelor of Arts in International Studies combined degrees

UTS: International Studies offers the degree of Bachelor of Arts in International Studies through combined degree programs only. Combined degrees have been established between UTS: International Studies and the faculties of Arts and Social Sciences; Business; Design, Architecture and Building; Engineering and Information Technology; Law; Nursing, Midwifery and Health; and Science.

The combined degree with international studies at UTS is designed to produce graduates who are primarily trained in a professional or practical discipline, but who also have a substantial knowledge and appreciation of a non-English-speaking culture.

In addition to their professional degree program, students who undertake the combined degree program follow an international studies major that concentrates on a specific country or region. Students learn about its language and culture, study its contemporary society and spend two semesters studying there.

The international studies component of any combined degree amounts to the equivalent of two years of full-time academic study or 96 credit points. It is studied concurrently with the major discipline of study in an integrated program. Combined degrees have been structured to facilitate the study of two separate programs at the same time.

Each combined degree program has a course coordinator in the appropriate faculty. Inquiries about a specific combined degree program should be addressed to the relevant course coordinator.

Combined degree students enrol at the University through the faculties.

Outlines of the combined degrees with the Bachelor of Arts in International Studies are provided in other sections of this handbook.

Undergraduate students studying for the Bachelor of Arts in International Studies study 96 credit points: four sequential subjects that focus on a relevant language and culture, one subject that introduces students to the study of social change, one subject that examines contemporary society, and two semesters at an institution of higher education in the country of their major.

- $\bullet \quad \ \ language \ and \ culture \ 1-4: four \ subjects, four \ semesters \ (4 \ x \ 8cp)$
- 976001 Foundations in International Studies: one subject, one semester (8cp)
- contemporary society: one subject, one semester (8cp)
- in-country study 1–2: two subjects, two semesters overseas (2 x 24cp).

Transferring into the combined degree with international studies

Students admitted into a degree at UTS may apply to transfer into a combined degree with international studies via the University's internal course transfer process towards the end of their first year, provided it is in the same area of study. Transfers between different areas of study need to go through the Universities Admissions Centre. Approval to transfer is made by the student's faculty. Transferring students need to be aware that places in some majors in the Bachelor of Arts in International Studies are limited, and may already be capped at the time of the proposed transfer, due to the fact that combined degree

students select their majors in a ballot that takes place in semester one of their first year of study at UTS. Thus, while every effort is made to accommodate transferring students in their preferred major, it may not always be possible to admit students into popular majors at the time of transfer. Popular majors subject to capping during the first-year ballot process may include France, French-speaking Switzerland and Spain. Note that UTS: International Studies reserves the right to allocate places in majors according to its resources and arrangements with overseas universities.

Majors

The majors available in the Bachelor of Arts in International Studies are listed below. Each major includes 32 credit points (four 8-credit-point subjects) of instruction in language and culture; 8 credit points of study of 976001 Foundations in International Studies; 8 credit points of study of contemporary society; and 48 credit points (two semesters) of study at a university or institution of higher education in the country of the major:

- Argentina (MAJ08954)
- Canada (Québec) (MAJ08933)
- Chile (MAJ08918)
- China (MAJ08919)
- Colombia (MAJ09409)
- France (MAJ08920)
- Germany (MAJ08921)
- Italy (MAJ08923)
- Japan (MAJ08924)
- Latino USA (MAJ09380)
- Mexico (MAJ08926)
- Spain (MAJ08927)
- Switzerland (MAJ08932).

Postgraduate course information

UTS: International Studies offers both research and coursework postgraduate degrees.

Progression rules

Postgraduate students are advised that they may be excluded from a course if they exceed the maximum time allowed for completion of that course (rule 10.5 of the Student and Related Rules).

Postgraduate coursework

UTS: International Studies offers the following postgraduate coursework degree programs:

- Graduate Diploma in International Studies (C06106) (see page 400)
- Master of Arts in International Studies (C04262) (see page 384).

These two programs provide opportunities for students from any disciplinary background to study a language and culture other than English and thus add an international dimension to their undergraduate qualification. In particular, the programs enable students to:

- learn or improve their knowledge of the language of the country they choose to study
- learn about contemporary society in the country they choose to study, and
- learn about cultural diversity and social change.

Graduate Diploma in International Studies

Postgraduate students studying for the Graduate Diploma in International Studies (C06106) (see page 400) are required to study 48 credit points, comprising at least two sequential subjects that focus on a relevant language and culture; 979508 Research in International Studies; a Contemporary Society subject; plus two elective subjects.

- language and culture 1–2: two subjects, two semesters (2 x 8cp)
- 979508 Research in International Studies: one subject, one semester (8cp)
- 979xxx Contemporary Society subject: one subject, one semester (8cp)
- approved electives (16cp).

Master of Arts in International Studies

Postgraduate students studying for the Master of Arts in International Studies (C04262) (see page 384) are required to study at least two sequential subjects that focus on a relevant language and culture. Students must also undertake 979508 Research in International Studies; a Contemporary Society subject; plus two elective subjects.

Once these six subjects have been completed, students will undertake In-country study 1 (prerequisite subject: 979508 Research in International Studies).

- language and culture 1–2: two subjects, two semesters (2 x 8cp)
- 979508 Research in International Studies: one subject, one semester (8cp)
- 979xxx Contemporary Society subject: one subject, one semester (8cp)
- approved electives (16cp), and
- in the final component: In-country Study 1: one subject, one semester overseas (24cp).

Postgraduate research

UTS: International Studies accepts research students for the following higher degrees:

- Master of Arts in International Studies (C03034) (see page 491)
- Doctor of Philosophy in International Studies (C02039) (see page 478).

Applications for research degree candidature are welcomed from graduates with an interest in the social, political, economic and cultural changes that have taken place in Asia, Europe and the Americas.

Students interested in China may choose to write their thesis in Chinese or in English. Students may undertake their candidature either in China or in Australia. UTS: International Studies can supervise students in the fields of modern and contemporary Chinese history, Chinese political economy, social change in the People's Republic of China, and contemporary Chinese culture.

UTS: LAW

Information for students

Law courses are administered by UTS: Law. The information provided in this section is an introduction to the full range of information that is available and is not intended to be complete. Students are advised to visit UTS: Law and other UTS websites for more comprehensive information.

www.law.uts.edu.au

Location, contacts and inquiries

UTS: Law is located at City campus, Haymarket. Most academic and administrative staff are located in Building 5, City campus, Haymarket, although some staff are located at 645 Harris St, City campus, and at Kuring-gai campus, Lindfield.

CM05B

Building 5, block B City campus, Haymarket cnr Quay St and Ultimo Rd

Haymarket NSW 2000

Detailed directions are available at:

www.uts.edu.au/about/mapsdirections

UTS: Law reception

CM05B.3.03

Building 5, block B, level 3

City campus, Haymarket

cnr Quay St and Ultimo Rd

Haymarket NSW 2000

telephone +61 2 9514 3495

fax +61 2 9514 3400

Staff contact details are available from:

http://staffsearch.itd.uts.edu.au/webapps/staffsearch

Postal address

UTS: Law

University of Technology, Sydney

PO Box 123

Broadway NSW 2007

Australia

Student inquiries and course information

UTS Student Centres provide information and assistance to students and the general public, and are the first point of call for all student and course-related inquiries, including course progression, information and advice, and interpretation of University rules and regulations.

Haymarket Student Centre

CM05C.1

Building 5, block C, level 1

City campus, Haymarket

cnr Quay St and Ultimo Rd

Haymarket NSW 2000

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Faculty structure

The UTS: Law executive is led by the dean and is supported by two associate deans and the faculty manager.

UTS: Law is governed by the Faculty Board in Law which consists of ex officio members, elected staff members and elected student members. The Faculty Board in Law meets quarterly and is the formal decision-making body of UTS: Law. A number of faculty committees report to the Faculty Board in Law.

A UTS: Law Executive Council comprises faculty management and representatives from the legal profession, government and the community. The UTS: Law Executive Council suggests and scrutinises proposed initiatives as well as offering strategic advice and an external focus for UTS: Law.

Faculty policies and procedures

Progression and acceleration

Students may seek permission from the director (students) (by way of e-request) to enrol in subjects totalling more than 28 credit points a semester if:

- there is no timetable clash
- maximum class size is not exceeded
- the student's academic record indicates that he or she is capable of performing satisfactorily with an increased workload, and
- the student can demonstrate that his or her work and other nonstudy commitments permit him or her to increase their workload without detriment to their studies.

Note: Students studying the accelerated Juris Doctor (C04236) (see page 354) program can enrol in a maximum of 30 credit points a semester without the permission of the director (students).

In Summer session, students may undertake a total of 12 credit points or less.

UTS: Law cannot guarantee avoidance of timetable and/or examination clashes where students do not follow the standard course progression.

Timetable

The current timetable is available at:

http://timetable.uts.edu.au

Class attendance

Law classes for full-time studies are generally timetabled during the day. Registrations in evening or other classes are subject to availability and UTS: Law does not provide any guarantees in securing preferences.

Study load and class attendance details are available in course duration and attendance (see page 27) in the general information section.

Guide to written communication

Essays and other written work should be prepared in accordance with the guidelines laid down in UTS: Law's *Guide to Written Communication*.

Further information and the required assignment coversheet is available at:

www.law.uts.edu.au/assessment/assignments.html

Unless advised otherwise by the lecturer, assignments must be typed and must also be properly written with due regard to spelling, punctuation, grammar and syntax.

A lecturer may require the written work to be submitted through Turnitin prior to formal submission and may also request that a copy of the Turnitin report be attached to the written work.

Unless otherwise instructed by the lecturer, all written work should include footnotes or endnotes and a bibliography in the manner set out in the *Guide to Written Communication*.

Any piece of written work which does not comply with these requirements may be:

- required to be rewritten in proper form
- · penalised in marks, or
- · rejected without assessment.

Assessment

Lodgement of assignments

All work submitted for assessment should bear a UTS: Law assignment coversheet. Students are required to retain a copy of all assignments submitted. Students who are handing in written work must submit it, with an assignment coversheet attached, in the assignment box located adjacent to the UTS: Law reception (Building 5, block B, level 3). The assignment box is cleared every business day at 6pm during faculty teaching weeks and at 5pm during faculty non-teaching weeks and Summer session. Assignments submitted by fax or email are not accepted by UTS: Law, unless otherwise arranged with the lecturer.

Late work

Any assessment task submitted after 6pm during faculty teaching weeks, or 5pm during faculty non-teaching weeks and Summer session, on the due date of submission will either be rejected without assessment (where the subject outline states that this will be the consequence of an assessment task being submitted after the due time on the due date) or penalised by way of loss of marks unless an extension has been sought and approved by the subject coordinator

(after due consideration of any submission made by the academic liaison officer on behalf of special needs students) through a request for extension or application for special consideration.

In the absence of compelling circumstances, no application for a request for extension will be accepted after the due date.

Insofar as there is to be a penalty by way of loss of marks, five per cent of marks for the assessment task will be deducted per day for assessment tasks submitted after the due date. Submission will not be accepted after assessment tasks have been returned to other students.

Plagiarism

Where individual work is required for the purposes of assessment, the copying, unacknowledged use of, or reliance on the work of other individuals without acknowledgment is considered to be cheating/misconduct. The penalties imposed for cheating/misconduct or allowing work to be plagiarised are severe under the University Rules and regulations.

Plagiarism is one of the most serious crimes in the academic community. It indicates an attempt by someone to pass off the words and/or ideas of another as their own. To take any but a few sequential words of another without acknowledgment is plagiarism and tantamount to cheating. It is so treated at UTS: Law.

Experience shows that one of the most common ways for plagiarism to occur is when students work together. It is acknowledged by the academic staff that study groups are an efficient and beneficial method of learning but problems arise when it is extended into the assessment process. UTS: Law expects, in fact demands, that all assignments submitted be the work of the person who is credited with the mark. It can be an extremely fine line between discussion of an essay topic with another, and collaboration, but where comparisons of various students' work indicate collaboration this is taken to be plagiarism.

Acts of plagiarism are penalised.

Student facilities

UTS: Law library

The library aims to support the teaching, learning and research needs of students and staff at UTS: Law. The law collection consists of print and electronic sources while training and research assistance can be provided. Further information is available at:

www.lib.uts.edu.au

For information or assistance contact the UTS: Business and Law library team at:

www.lib.uts.edu.au/about-us/staff-profiles/information-services/business-law-team

Computer labs

UTS: Law provides four computer labs for use by UTS: Law students. Students have access to the full range of Microsoft Office applications, the internet and printers, and are supported by a faculty-based Information Technology Division (ITD) team.

The labs are located at:

CM05B.3.25, CM05B.3.26, CM05B.3.35, CM05B.3.36

Building 5, block B, level 3

City campus, Haymarket

Opening hours: 7.30am–10pm Monday–Friday, 8am–6pm Saturday and Sunday during semester.

In addition, ITD provides computer laboratories for UTS students on all campuses. Further information is available from:

www.itd.uts.edu.au

Law Students' Society

The UTS Law Students' Society (LSS) is the largest student-run society on campus. It provides a variety of services to law students and its members ranging from organising social events, educational seminars and mentoring programs, running legal competitions, providing careers information, writing legal and non-legal publications and representing the educational concerns of law students. An important part of this role is being a key communication channel between UTS: Law and the student body including representing student concerns to the Dean where necessary.

The LSS communicates its various events, services, publications and competitions, as well as relevant activities of UTS: Law, to students through its website; social networking sites such as Facebook and Twitter; free fortnightly e-newsletter, *The Buzz*, which students and staff can subscribe to via the LSS website; and its 'subject tab' on UTS Online.

A council of student members, elected by law students in or around October each year, governs the LSS. The council meets on a monthly basis throughout the year, with fortnightly meetings of the executive, to review the activities of LSS and options for improvement and reform. Interest and input are encouraged from students, and many of the ideas acted upon originate from members of the LSS.

Social functions are an important part of university life and the LSS regularly organises functions for students. Popular events include the annual orientation camp, first-year drinks, harbour cruise, 'Perspectives on Law' dinner, speaker series, law revue, intervarsity sports day, numerous other intervarsity events, informal barbecues and the highlight of the social calendar, the Law Ball.

Services to members include:

- the Brennan Justice and Leadership Program, a joint initiative with the Faculty of Law
- legal competitions such as mooting, client interviewing, negotiation, witness examination and paper presentation
- the LexisNexis Textbook Equity Scheme (a textbook loan program) for financially disadvantaged students
- a Peer Mentoring Program for first-year students, a joint initiative with the Faculty of Law
- the Mallesons Professional Mentoring Program for students wishing to expand their professional network
- a regularly updated database of subject tutors
- a regularly updated database of social justice opportunities
- affiliation with the Australian Law Students' Association (ALSA), including provision of all ALSA publications to students and sending a UTS delegation to the annual ALSA July Conference
- a quartlery academic publication, The Full Bench, containing student contributions
- an introductory guide to Law School for new students, the Alternative Law Handbook
- careers publications for legal and non-legal graduate opportunities, and
- a Clerkship Seminar Series, Clerkship Networking Evening, and a Careers Networking Evening, a joint initiative with the Faculty of Law.

Location and contact details

A list of council members and their contact details is posted on the LSS website. Alternatively, students can make initial contact with the LSS by emailing the president.

UTS Law Students' Society c/o Faculty of Law PO Box 123 Broadway NSW 2007

Dioddwdy 14544 20

CM05A.1.08
Building 5, block A, level 1, room 8
City campus, Haymarket
cnr Quay St and Ultimo Rd
Haymarket NSW 2000
telephone +61 2 9514 3448
fax +61 2 9514 3427
email president@utslss.com

www.utslss.com

Centres within UTS: Law

The Law Research Centre (LRC) aims to foster an environment that: promotes excellence in academic research, serving the community and the professions; contributes to law reform; and assists in the creation of a just and principled society.

Under the umbrella of the LRC, five research networks have been established:

- Health, family and communities
- Intellectual property, media and communications
- Corporate, commercial and tax
- · Criminal justice and criminology
- International law, human rights and the environment.

The LRC is the home of the Australasian Legal Information Institute (AustLII) which provides a unique legal research infrastructure for the LRC. AustLII is committed to creating open access to legal knowledge through its research and related activities and has been in operation for 15 years.

Also affiliated with the LRC is the Communications Law Centre, an independent, non-profit, public interest centre specialising in

communications, media and online law and policy. The centre was established in 1988 and it is now a UTS centre in the Faculty of Law and the Faculty of Arts and Social Sciences.

Anti-Slavery Australia is an award winning centre of the Faculty of Law and the only University based legal, research and policy centre in Australia focused on slavery, trafficking, forced labour, forced marriage and extreme labour exploitation. Anti-Slavery Australia is involved in research, teaching, and working with law students on a range of social justice initiatives.

Industrial training/professional practice

Admission to legal practice in Australia

Admission to the Supreme Court of NSW to practise as a lawyer in New South Wales is based upon the successful completion of an accredited academic legal qualification and an accredited course of practical legal training (PLT).

The UTS Bachelor of Laws (C10124) (see page 179) (LLB) and Juris Doctor (C04236) (see page 354) (JD) are accredited academic legal qualifications.

Practical legal training

The Faculty of Law's PLT program is accredited by the Legal Profession Admission Board of the Supreme Court of NSW (LPAB). UTS: Law was the first to offer an accredited PLT program in Sydney at a university level. The program comprises subjects which satisfy the competencies required by the Legal Profession Admission Rules 2005 and a practical experience work placement.

Further details regarding the structure of the PLT program can be obtained from a UTS Student Centre.

Practical experience

A compulsory and integral part of the PLT program is completion of 75411 Practical Experience work placement. Students must undertake an approved 16 weeks of full-time, or equivalent part-time, work placement. Further information regarding completion requirements is available from the practical experience guidelines and rules at:

www.law.uts.edu.au/practical/experience

International law graduates

Students who have been admitted to practise as a lawyer in a country outside Australia should have their legal qualification assessed by the Legal Profession Admission Board (LPAB) (www.lawlink.nsw. gov.au/lpab)

UTS: Law offers two courses to allow lawyers from a common law background to meet the LPAB requirements to practise law in Australia. Depending on the number of subjects required by the LPAB, candidates need to complete one of the following courses:

- Graduate Certificate in Australian Law (C11211) (see page 458)
 requires the completion of four set subjects (30 credit points) and
 subject substitution is available for one subject only where it is
 approved. This course particularly suits lawyers from Canada,
 USA and the UK
- Graduate Diploma in Australian Law (C07073) (see page 411) is designed specifically to meet the requirements of the LPAB assessment. The course is designed for subject choices to be tailored to meet the needs of individual students in line with the LPAB requirements.

To qualify as a lawyer in New South Wales the above courses need to be followed by enrolment in a practical legal training (PLT) program, which may be completed at UTS by enrolment in the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

Students from a non-common law background may be required to enrol in the Juris Doctor (C04236) (see page 354), depending on the number of subjects required by the LPAB.

International lawyers who have received LPAB assessment of their law qualification and would like to receive a study plan which best suits their needs from courses offered by UTS: Law are invited to send a scanned copy of the assessment to the Haymarket Student Centre at:

Ask UTS www.ask.uts.edu.au

Bar exams

Students who wish to pursue a career as a barrister can find information about education, training and professional development from the NSW Bar Association at:

www.nswbar.asn.au

Application and admission

International candidates who wish to enrol in one of the above courses can find information about the application process and due dates for application at:

www.uts.edu.au/international/prospective/studying/apply Information about fees for international students is available at: www.sau.uts.edu.au/fees/international

Local students lodge applications via UAC.

Admission to postgraduate law courses is available twice a year in Autumn and Spring semesters. Juris Doctor, Master of Legal Studies, Graduate Diploma in Legal Studies, Graduate Diploma in Legal Practice and Graduate Certificate in Legal Practice students may also commence in Summer session.

Law postgraduate information sessions

Before each semester UTS: Law holds a series of postgraduate information sessions that provides a good opportunity for potential candidates to:

- receive further information about postgraduate courses
- seek advice from senior academic and administrative staff
- submit a direct application for postgraduate coursework study at UTS: Law.

Sessions are held throughout the year. Information and registration are available from UTS: Law before each information session at:

www.law.uts.edu.au/events

Graduate employment and summer clerkship programs

UTS: Law participates in graduate employment and summer clerkship programs in conjunction with major Sydney law firms and government departments.

The programs were devised in 1980 and are generally open to penultimate and final-year law students who are interested in working in one of the large law firms or government organisations. Students who participate develop a greater understanding of employment opportunities and legal experience while adding detail to their curriculum vitaes.

UTS: Law, in conjunction with the UTS Careers Service and UTS Law Students' Society, organises a range of support services for interested students within application timelines each year.

Further information on support services, guidelines and key dates are available at:

- Graduate employment: www.law.uts.edu.au/careers/graduate
- Summer clerkship: www.law.uts.edu.au/careers/clerkship

Cross-disciplinary subjects

UTS: Law offers a range of cross-disciplinary law subjects — studies in various strands of the law for students not undertaking a law qualification but who wish to become familiar with the law as it affects their chosen profession. Through its cross-disciplinary program, UTS: Law offers subjects for students in UTS: Business; UTS: Design, Architecture and Building; UTS: Engineering and Information Technology; UTS: Health; and UTS: Science.

Cross-disciplinary students enrol in UTS: Law subjects through their home faculty and any inquiries should be made in the first instance to the UTS Student Centre.

Further information is available from:

telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

Majors and sub-majors offered to students from other faculties

Majors

The following law majors are available within courses from other UTS faculties.

- Master of Business Administration (C04018)
 - Business Law (MAJ09362)
- Bachelor of Business (C10020/C10021/C10026/C10027)
 - Business Law (MAJ09401)
- Bachelor of Global Studies (C10264)
 - Legal Studies (MAJ09399)

Sub-majors

The following law sub-majors are available within courses from other UTS faculties.

- Bachelor of Business (C10020/C10021/C10026/C10027)
 - Business Law (SMJ09030)
 - Taxation Law (SMJ09033)
- Master of Business Administration (C04018)
 - Business Law (SMJ09037)

Some courses from other UTS faculties may also include law subjects not listed under any of the above majors and sub-majors; students should check the handbook entry for the course in which they are enrolled for further details or contact the appropriate UTS Student Centre.

Undergraduate course information

UTS: Law offers a range of bachelor's degrees (see page 13), from the stand-alone Bachelor of Laws (C10124) (see page 179) to Bachelor of Laws degrees that can be combined with a degree in business, communication, engineering, information technology, international studies or science. Whether students are focused on studying the law on its own, or are looking to expand their qualifications and career opportunities with a combined degree, UTS: Law offers practical, work-ready courses with the practical legal training (PLT) program option to get students qualified sooner.

Applications

Offers to undergraduate UTS: Law courses are based on academic merit. Further information is available at:

www.uts.edu.au/study/undergrad.html

Recommended reading prior to entry

Patrick Keyzer's *Legal Problem Solving: A Guide for Law Students* (published by LexisNexis Butterworths) or *A Career in Law* edited by Jim Corkery (published by Federation Press) can be purchased from the Co-op Bookshop, the Sydney Law Cooperative Bookshop, LexisNexis Butterworths or the Law Book Company.

Rules and procedures

Subjects

UTS: Law timetables undergraduate subjects over three teaching periods: Autumn semester, Spring semester and Summer session. The full range of core and option subjects that may be timetabled can be found under each of the course entries.

Core law subjects

All core law subjects are taught in both Autumn and Spring semesters. Core law subjects are timetabled in the day and repeated in the evening.

Option subjects

A range of option subjects are taught in both Autumn and Spring semesters and during Summer session. However, not all option subjects are timetabled every semester and some option subjects are only offered once every two years. Timetabled option subjects are offered subject to sufficient student interest.

Subject descriptions

Descriptions of the law subjects available are provided in subjects (see pages 680–1039).

In order to assist students with understanding the interrelationships of the various option subjects, their general orientation and to make informed choices, option subjects can be classified into the groups listed below.

Students who are unsure which subjects fall under each group are advised to contact UTS: Law. The groups are:

- corporate and commercial law
- comparative law
- criminal law
- environmental law
- family and health law
- industrial and employment law
- intellectual property law practice
- international law
- jurisprudence
- media and communications
- public law
- taxation law

Credit recognition

Credit based on previous studies may be granted within UTS: Law's undergraduate degrees, subject to University Rules and UTS: Law guidelines. The granting of exemptions is at the discretion of the associate dean (teaching and learning). All students seeking credit for previous studies must lodge an application to the Haymarket Student Centre prior to enrolment. Information in relation to applying for credit, including the precedent list, can be found at:

www.law.uts.edu.au/cr

Inquiries

telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Law subjects

Students may be able to obtain exemption from law subjects (core law, law option and practical legal training subjects), up to a maximum of 48 credit points, if they are able to satisfy the Faculty Board in Law that a comparable course of study has been successfully undertaken as a Bachelor of Laws subject at another recognised university.

To verify this, if the subject upon which the student is basing their credit recognition application does not appear on the precedent list, the student must provide a transcript of his or her academic record and a detailed subject outline, together with the subject reading guide that was current at the time of study, for assessment. Students who have undertaken a law subject at another university, either in the year before or after that which is published on the precedent list, may seek an exemption without supplying the full subject outline as part of their credit recognition application.

Exemptions for law subjects are only granted to students on the basis of equivalent subjects completed as part of a law degree offered by a law school at a recognised university.

Exemptions are not granted on the basis of studies completed through the Law Extension Committee of the Supreme Court (LPAB).

As a general rule, exemptions for law subjects are not given if the subject upon which the student is basing their application for credit recognition was studied more than six years ago. The time period indicated by the 'six-year rule' is calculated from the date the subject was successfully completed to the date when it is due to be undertaken at LITS. Law

However, the Faculty Board in Law shall always retain discretion to waive the application of the rule in cases where there is additional evidence of work or study experience. Indeed, in subjects where there have been significant recent changes in the law, an exemption may not be granted even though the subject was successfully completed less than six years ago. Currently, credit recognition for practical legal training (PLT) subjects has a time limit of three years.

- A student who transfers from a law degree at a recognised university into the Bachelor of Laws at UTS, and unsuccessfully applies for an exemption from 70115 Perspectives on Law and/ or 70120 Legal Method and Research because the completion of the introductory law subject(s) undertaken at the other university were insufficient to grant an exemption, can request in writing to the director (students) to have their application reconsidered.
 - For 70115 Perspectives on Law, students must demonstrate
 that they have completed subjects covering contracts,
 criminal law, torts and constitutional law within the
 other university's law degree. Alternatively, the director
 (students) may approve an exemption from 70115
 Perspectives on Law if they believe that the student has

- acquired sufficient knowledge from the subjects completed at the other university to justify the exemption.
- For 70120 Legal Method and Research, students must demonstrate that they have completed subjects at the other university which collectively have a sufficient focus on legal method and research to justify an exemption.
- If a student is unable to obtain an exemption from a UTS: Law
 core subject on the basis of having completed a similar core
 subject at another university, because the content of the subject
 completed at the other university was insufficient to warrant an
 exemption from the corresponding UTS: Law core subject, the
 student cannot use the completion of that similar core subject
 undertaken at the other university as the basis for an exemption
 from an unspecified option within a law course at UTS.
- Students enrolled into courses that require the completion of 70115 Perspectives on Law can apply for an exemption from this subject on the basis of completing a Master of Legal Studies (C04147) (see page 330) at UTS: Law or equivalent at another university.

Non-law subjects

It is possible to obtain exemptions for non-law option subjects in the Bachelor of Laws if students have completed a bachelor's degree, advanced diploma or diploma course from a recognised university. The maximum exemptions that can be granted on the basis of having completed a course are 48 credit points for a bachelor's degree (three years, full time). Students with an incomplete degree, a completed advanced diploma or diploma are granted credit points on a pro rata basis. No exemptions can be sought for a partially completed diploma or advanced diploma. These exemptions are not permitted in combined degree courses.

Students applying for credit recognition on the basis of a single, completed prior degree may be granted 48 credit points of exemptions for the general elective choice block of the straight Bachelor of Laws or, if the prior study was relevant, up to 48 credit points of exemptions from law subjects.

Concurrent study at another university

Subject to approval by UTS: Law, students may apply to undertake elective subjects in undergraduate law courses at other universities for credit towards an unspecified option within their course at UTS. A concurrent studies application consists of a cover sheet, subject outline(s) for the proposed subject(s), and a personal statement explaining the student's motivation for undertaking concurrent study. Subject outlines must detail the academic content, attendance and assessment requirements, and the reading guide of the subject(s) proposed to be completed. A complete application should be submitted to the Haymarket Student Centre before applying to the other institution. Subjects completed concurrently at another institution without prior approval risk not being credited to the student's course at UTS.

- Students cannot undertake core subjects on a concurrent basis.
- Students cannot undertake options on a concurrent study basis if UTS: Law offers the equivalent subject during the proposed semester.
- Students must complete a minimum of 50 per cent of the credit point value of their course at UTS.

The concurrent studies application form is available at:

www.sau.uts.edu.au/forms

Internal course transfers

UTS students who transfer into the Bachelor of Laws from an incomplete UTS combined law degree may receive exemptions on a pro-rata basis, to a maximum of 48 credit points, from non-law subject options for subjects which have been completed as part of their previous UTS studies.

Honours

It is possible for students to gain an award with honours in the Bachelor of Laws degree or the law component of combined degrees.

An additional year of study is **not** required. To qualify for honours, a student must complete 76040 Research Thesis, as an option subject of 6 credit points within the degree. This subject forms part of the credit points required for degree completion. 76040 Research Thesis has requirements that students must comply with in addition to the Honours Regulations (below). Further details are available in the online subject description.

The Honours Regulations are:

1. Awards

1.1 Awards of the Law degree or the Law component of a combined degree shall be classified as follows:

- a. degree (with first class honours)
- b. degree (with second class honours), and
- c. degree.

1.2 Award of the degree with second class honours shall not be graded.

2. Requirements of honours

- 2.1 To qualify for an award of the degree with honours a student shall:
- a. successfully complete 76040 Research Thesis
- subject to requirements below, obtain an honours mark, calculated in accordance with the formula 'sum of all' (UTS law subject credit points multiplied by mark) divisible by the 'sum of all law subject credit points' such that:
 - for first class honours: no less than 75.00
 - for second class honours: in the range of 70.00 and 74.99 (note that in calculating the honours mark, rounding occurs to two decimal places)
- c. not fail any subject after the first semester of study
- d. $\,$ successfully complete not less than 96 credit points of law subjects within UTS: Law
- e. for the purpose of the calculation in 2.1(b), students may discount up to three of their worst subjects provided that at least 12 UTS Bachelor of Laws subjects are included in the calculation, and
- f. a student's honours mark shall include the mark obtained by the student in 76040 Research Thesis notwithstanding that such a mark might be one of their worst subjects.

2.2 In exceptional circumstances the director (students) may modify or dispense with the requirements of regulation 2.1, subject to appeal to the Faculty Board in Law.

To be eligible for a University medal, an undergraduate student must have achieved the highest first class honours mark in the graduating cohort.

International exchange program

UTS: Law participates in the international student exchange program administered by UTS: International. Through the program, it is possible to undertake the following study options at overseas exchange partner universities:

- three or four law or non-law subject options from CBK90300 Electives (Law), or
- three law subjects from CBK90592 Options, or
- four law subjects from CBK90507 Options (Law) (if not using PLT as part of their degree).

To be eligible for the program, students should have a credit average or better and have completed 68 credit points of core subjects including 70517 Equity and Trusts before going overseas. The number of places is strictly limited.

Results achieved in study overseas are recorded as a pass or fail grade without a mark. It should be noted that the pass/fail results for exchange subjects are excluded from the calculation of a GPA and in the calculation for honours.

Information and application packs are available from UTS: International. Further information is available at:

www.uts.edu.au/international/exchange

Postgraduate course information

The UTS: Law postgraduate program has grown dramatically in recent years. Postgraduate course offerings are continuously being updated to ensure they are aligned with and meet the needs of the profession and the community.

Close student interaction between the legal profession and UTS: Law offers students a first-class education and a marketable postgraduate legal qualification. Classes are taught by a mix of practising professionals and full-time academic staff who ensure students gain specialised knowledge and training within their degrees.

UTS: Law strives to meet the expectations of its students to foster a collegial environment in which both academics and students are driven by a commitment to outstanding intellectual achievement.

Internal course transfer

Students may apply to articulate up or down between graduate certificates, graduate diplomas and master's programs, within the same area of study. Students should apply for an internal course transfer before the program they are currently enrolled in is completed. Appropriate successfully completed subjects are credited to the new course if the transfer is approved.

Students are also permitted to apply for an internal course transfer across postgraduate courses of the same level. Only completed subjects relevant to the new course can be credited if the transfer is approved. Students are not permitted to apply for an internal course transfer between undergraduate and postgraduate courses.

Further information is available at:

www.sau.uts.edu.au/enrolment/course/transfer/continuing.html

Credit recognition

Credit recognition based on previous studies may be granted subject to University Rules and UTS: Law guidelines.

The granting of exemptions is at the discretion of the associate dean (teaching and learning). All students seeking credit recognition based on previous studies must lodge an application to the Haymarket Student Centre prior to enrolment.

Information on applying for credit recognition based on previous studies, including the precedent list, is available at:

www.law.uts.edu.au/cr

Students may be able to obtain exemption from law subjects if they are able to satisfy the Faculty Board in Law that a comparable course of study has been successfully undertaken at another recognised university.

To verify this, if the subject upon which the student is basing their application for credit recognition does not appear on the precedent list, the student must provide a transcript of his or her academic record and a detailed subject outline, together with the subject reading guide that was current at the time of study, for assessment. Students who have undertaken a law subject at another university, either in the year before or after that which is published on the precedent list, may seek an exemption without supplying the full subject outline as part of their credit recognition application.

Exemptions from core subjects, as well as practical legal training subjects, are only granted to students on the basis of equivalent subjects completed as part of a law degree leading to professional practice and offered by a law school at a recognised university.

Exemptions for postgraduate law option subjects are only granted to students on the basis of study undertaken as part of a postgraduate law course offered by a law school at a recognised university.

Exemptions are not granted to students who base their application for credit recognition on the completion of cross-disciplinary subjects.

Exemptions are not granted on the basis of studies completed through the Law Extension Committee of the Supreme Court (LPAB).

The following limits apply to credit granted to postgraduate courses of three years, or less, full time:

- from a completed postgraduate degree, a maximum of one quarter of the credit-point value of the current UTS course
- from an incomplete postgraduate degree, a maximum of half of the credit-point value of the current UTS course.

Notwithstanding 1 or 2 above, the maximum overall amount of credit granted for a UTS: Law postgraduate coursework course shall not exceed one half of the credit-point value of that course.

Students who completed 8-credit-point postgraduate electives as part of their Juris Doctor (C04236) (see page 354) candidature may apply to have these subjects credited towards the Master of Laws (C04143) (see page 328) or Doctor of Juridical Science (C02027) (see page 474), up to a maximum of 24 credit points.

As a general rule, exemptions for law subjects are not given if the subject upon which the student is basing their application for credit recognition was studied more than six years ago. The period in the 'six-year rule' is calculated from the date the subject was successfully completed to when it is due to be undertaken at UTS: Law.

The Faculty Board in Law shall always retain discretion however to waive the application of the rule in cases where there is additional evidence of work or study experience. Indeed, in subjects where there have been significant recent changes in the law, an exemption may not be granted even though the subject was successfully completed less than six years ago.

Applications for credit recognition for practical legal training subjects have a time limit of three years.

A student who transfers from a law degree at a recognised tertiary institution into a Graduate Diploma in Legal Studies (C07074) (see page 412), Master of Legal Studies (C04147) (see page 330) or Juris Doctor (C04236) (see page 354) at UTS, and unsuccessfully applies for an exemption from 70115 Perspectives on Law and/or 70120 Legal Method and Research because the completion of the introductory law subject(s) undertaken at the other university were insufficient to grant an exemption, the student can make a written request to the director (students) to have their application reconsidered.

- For 70115 Perspectives on Law, students must demonstrate that
 they have completed subjects covering contracts, criminal law,
 torts and constitutional law within the other university's law
 degree. Alternatively, the director (students) may approve an
 exemption from 70115 Perspectives on Law if in their view the
 student has acquired sufficient knowledge from the subjects
 completed at the other university to justify the exemption.
- For 70120 Legal Method and Research, students must demonstrate
 that they have completed subjects at the other university which
 collectively have a sufficient focus on legal method and research
 to justify an exemption.

If a student is unable to obtain an exemption from a UTS: Law core subject on the basis of having completed a similar core subject at another university, because the content of the subject completed at the other university was insufficient to warrant an exemption from the corresponding UTS: Law core subject, the student cannot use the completion of that similar core subject undertaken at the other university as the basis of an exemption from an unspecified elective within a postgraduate law course at UTS.

Students who have been admitted to the Master of Laws (C04143) (see page 328) and who have completed a Juris Doctor (C04236) (see page 354) at UTS, after transferring to this course from the Master of Law and Legal Practice, are able to claim:

- an 8-credit-point unspecified law elective exemption where the student completed a minimum of two law electives (12 credit points) within the Master of Law and Legal Practice that were not credited to their Juris Doctor study plan
- a 16 credit-point unspecified law elective exemption where the student completed a minimum of three law electives (18 credit points) within the Master of Law and Legal Practice which were not credited to their Juris Doctor study plan
- a 24 credit-point unspecified law elective exemption where the student completed a minimum of four law electives (24 credit points) within the Master of Law and Legal Practice which were not credited to their Juris Doctor study plan.

Further information is available at:

telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

Concurrent study at another tertiary institution

Subject to approval by UTS: Law, students may apply to undertake subjects in postgraduate law courses at other universities for credit towards an unspecified option in their course at UTS. A concurrent studies application, detailing the academic content, attendance, assessment requirements and reading guide of the subject(s) proposed to be completed, should be submitted to the Haymarket Student Centre before applying to the other institution. Students who complete subjects concurrently at another institution without prior approval risk not being able to credit these subjects to their course at UTS.

- Students cannot undertake core subjects on a concurrent basis.
- Students cannot undertake options on a concurrent study basis if UTS: Law offers the equivalent subject during the proposed semester.
- Students must complete a minimum of 50 per cent of the creditpoint value of their course at UTS.

The concurrent study application form is available from:

www.sau.uts.edu.au/forms

Juris Doctor with honours

It is possible for students to gain an award with honours in the Juris Doctor (pre-2012: C04236v1; current: C04236) (see page 354), and the Juris Doctor component of the combined Juris Doctor Master of Business Administration (C04250) (see page 374).

An additional year of study is **not** required. See the rules for the course you are enrolled in, below.

Transitional arrangements for students who commenced study prior to 2012

In 2011 the Faculty of Law amended the honours requirements for the Juris Doctor. All students who commenced studies prior to 2012 and who are due to complete the requirements of the Juris Doctor (C04236v1) in Spring 2012 or later, may choose the means by which their eligibility for honours is determined. They can choose either:

- the original honours requirements for the course, i.e. to qualify
 with honours, candidates must attain a weighted average
 mark of 80 per cent across all subjects attempted calculated in
 accordance with the formula 'sum of all' (UTS law subject credit
 points multiplied by mark) divisible by the 'sum of all law subject
 credit points', OR
- the pre-2012 requirements as set out in Honours regulations, pre-2012 below.

Juris Doctor, pre-2012

To qualify for honours in the Juris Doctor (C04236v1), students who commenced studying the course prior to 2012 must complete 77740 Research Paper, as a 6-credit-point option subject in the degree.

To be eligible to undertake 77740 Research Paper, students must successfully complete no less than 96 credit points within UTS: Law, including 70717 Evidence and Criminal Procedure; and attain a minimum weighted average mark of 73.00 across all subjects attempted.

The research subject forms part of the credit points required for degree completion. 77740 Research Paper has requirements that students must comply with, in addition to the honours regulations for the Juris Doctor (below). Further details are available in the online subject description.

Honours regulations, pre-2012

The Honours regulations for students who commenced studying the Juris Doctor (C04236v1) prior to 2012 are:

1. Awards

- 1.1 Awards of the Juris Doctor degree shall be classified as follows:
- a. degree (with honours), and
- b. degree.

2. Requirements of honours

- 2.1 To qualify for an award of the degree with honours a student who commended studying prior to 2012 shall:
- a. successfully complete 77740 Research Paper
- b. subject to requirements below, obtain an honours mark of no less than 75.00, calculated as a weighted average mark received in all subjects completed in accordance with the formula 'sum of all' (UTS law subject credit points multiplied by mark) divisible by the 'sum of all law subject credit points'
- c. not fail any subject after the first semester of study
- d. a student's honours mark shall include the mark obtained by the student in 77740 Research Paper.
- 2.2 In exceptional circumstances the director (students) may modify or dispense with the requirements of regulation 2.1, subject to appeal to the Faculty Board in Law.

Juris Doctor, current

To qualify for honours in the current Juris Doctor (C04236) (see page 354), students who commenced study in the course from 2012 onwards must complete 78102 LLM Project by Research as an 8-credit-point option subject within the degree.

To be eligible to undertake 78102 LLM Project by Research, students must successfully complete not less than 96 credit points within UTS: Law, including 70717 Evidence and Criminal Procedure; and attain a minimum weighted average mark of 73.00 across all subjects attempted.

The research subject forms part of the credit points required for degree completion. 78102 LLM Project by Research has requirements that students must comply with in addition to the honours regulations for the Juris Doctor (below). Further details are available in the online subject description.

Honours regulations, current

The Honours regulations for the current Juris Doctor, current (C04236) (see page 354) are:

1. Awards

- 1.1 Award of the Juris Doctor degree shall be classified as follows:
- a. degree (with honours), and
- b. degree.

2. Requirements of honours

- 2.1 To qualify for an award of the degree with honours a student shall:
- a. successfully complete 78102 LLM Project by Research
- b. subject to requirements below, obtain an honours mark, of no less than 75.00, calculated as a weighted average mark received in all subjects, in accordance with the formula 'sum of all' (UTS law subject credit points multiplied by mark) divisible by the 'sum of all law subject credit points'
- c. not fail any subject after the first semester of study
- a student's honours mark shall include the mark obtained by the student in 78102 LLM Project by Research.
- 2.2 In exceptional circumstances the director (students) may modify or dispense with the requirements of regulation 2.1, subject to appeal to the Faculty Board in Law.

Juris Doctor Master of Business Administration

To qualify for honours in the Juris Doctor Master of Business Administration (C04250) (see page 374), a student must complete 78102 LLM Project by Research as an 8-credit-point option within the Juris Doctor component of the degree.

To be eligible to undertake 78102 LLM Project by Research, students must successfully complete not less than 96 credit points within UTS: Law, including 70717 Evidence and Criminal Procedure; and attain a minimum weighted average mark of 73.00 across all subjects attempted.

The research subject forms part of the credit points required for degree completion. 78102 LLM Project by Research has requirements that students must comply with in addition to the honours regulations for the Juris Doctor component of the Juris Doctor Master of Business Administration (below). Further details are available in the online subject description.

Honours regulations, JD MBA

The Honours regulations for the Juris Doctor component of Juris Doctor Master of Business Administration (C04250) (see page 374) are:

1. Awards

- 1.1 Award of the Juris Doctor component of the Juris Doctor Master of Business Administration shall be classified as follows:
- a. degree (with honours), and
- b. degree.

2. Requirements of honours

- 2.1 To qualify for an award of the degree with honours a student shall:
- a. successfully complete 78102 LLM Project by Research
- subject to requirements below, obtain an honours mark, of no less than 75.00, calculated as a weighted average mark received in all subjects completed in the Juris Doctor
- c. not fail any subject after the first semester of study
- a student's honours mark shall include the mark obtained by the student in 78102 LLM Project by Research.
- 2.2 In exceptional circumstances the director (students) may modify or dispense with the requirements of regulation 2.1, subject to appeal to the Faculty Board in Law.

International exchange program: Juris Doctor

Juris Doctor students participate in the international exchange program administered by UTS: International. Through the program, it is possible to undertake three law subjects from CBK90592 Options at overseas exchange partner universities.

To be eligible for the program, students should have a credit average or better and have completed 68 credit points of core subjects, including 70517 Equity and Trusts before going overseas. The number of places is strictly limited.

Results achieved in overseas study are recorded as a pass or fail grade without a mark. It should be noted that the pass/fail results for exchange subjects are excluded from the calculation of a GPA and in the calculation for honours.

Information and application packs are available from UTS: International. Further information is available at:

www.uts.edu.au/international/exchange

Mandatory continuing legal education

Participation in postgraduate study may entitle lawyers to mandatory continuing legal education (MCLE) points. If this particular educational activity is relevant to students' immediate or long-term professional development needs, particularly those related to the practice of the law, they may claim one 'unit' per hour of attendance (excluding refreshment breaks).

Further information regarding MCLE points is available from the Law Society of NSW:

www.lawsociety.com.au

Postgraduate coursework

UTS: Law offers a range of postgraduate coursework degrees (see page 14) to suit both law graduates and graduates of other disciplines. UTS: Law prides itself on its unique specialisations, flexibility and vocational relevance. Graduate certificate, graduate diploma and master's programs in law and legal studies, and specialised programs in communications law, intellectual property law, international law, practical legal training and dispute resolution are available.

Courses

Coursework programs are normally structured as follows:

- master's degrees: 48 credit points
- graduate diplomas: 36 credit points
- graduate certificates: 24 credit points.

Exceptions to this include the Juris Doctor (C04236) (see page 354) (144 credit points), Juris Doctor Master of Business Administration (C04250) (see page 374) (192 credit points), Graduate Diploma in Australian Law (C07073) (see page 411) (48 credit points), Graduate Certificate in Australian Law (C11211) (see page 458) (30 credit points), and the Graduate Certificate in Legal Practice (C11128) (see page 444) (12 credit points).

Subiects

UTS: Law timetables subjects over three teaching periods: Autumn semester, Spring semester and Summer session. The full range of core and optional subjects available can be found under each of the course entries.

Core law subjects

All core subjects are taught in Autumn and Spring semester and are timetabled during the day and are repeated in the evening.

Optional law subjects

A range of optional law subjects is taught in each semester. However, not all optional subjects are timetabled every semester and some optional subjects are offered on a two-yearly basis only. Timetabled optional subjects are offered subject to sufficient student interest.

Postgraduate progression

In accordance with rules 10.2.3 and 10.4.1, a graduate certificate, graduate diploma or master's candidate shall be excluded if they fail to maintain a minimum rate of progress. To maintain a minimum rate of progress, a student must not fail:

- two subjects in a graduate certificate
- three subjects in a graduate diploma
- four subjects in a master's degree, or
- five subjects in the JD, JD MBA, or MLLP.

Students may appeal against such exclusion under rule 10.8.

Postgraduate students are advised that they may be excluded from a course if they exceed the maximum time allowed for completion of that course (see rule 10.5).

Contacts and inquiries

Haymarket Student Centres CM05B.5 – Building 5, block B, level 5 CM05C.1 – Building 5, block C, level 1 City campus, Haymarket cnr Quay St and Ultimo Rd, Haymarket telephone 1300 ask UTS (1300 275 887) Ask UTS www.ask.uts.edu.au

Majors

UTS: Law offers seven major areas of study within the Master of Laws (C04143) (see page 328). Students in this course elect to complete study within a major, sub-major or alternatively subjects from across the major areas. Students must nominate a major or sub-major for it to appear on their academic transcript. Students who do not nominate a major and subsequently meet the requirements for a major must submit an e-request before graduation. Majors are available in:

- corporate and commercial law
- dispute resolution
- global business law
- intellectual property
- international law.

Postgraduate research

Higher research degrees provide an opportunity for law and non-law graduates to make a major contribution to knowledge by undertaking advanced-level research through the exploration of ideas and issues in a thesis. UTS: Law offers a Doctor of Philosophy in Law (C02028) (see page 475), the 'professional doctorate', the Doctor of Juridical Science (C02027) (see page 474) and a Master of Laws (Research) (C03024) (see page 488). These degrees are particularly valuable for students wishing to pursue a career in research or academia. Entry is on the basis of proven research achievement.

Information about potential supervisors and areas of supervision is available at:

www.law.uts.edu.au/research/postgraduate/supervisors.html

Student research is coordinated through the associate dean (research) and the faculty research officer and governed by the Research Management Committee (RMC) and the Higher Degree Committee. The faculty research officer can be contacted for further information about the faculty's research and higher degree research program.

Credit recognition

The granting of exemption for higher degree by research courses is at the discretion of the associate dean (research).

Support for research students

In addition to the support provided by the UTS Library and the UTS Graduate Research School, UTS: Law provides a range of facilities for higher-degree research candidates such as research support funding, study spaces, printing access, email and internet access.

Contacts and inquiries

Faculty research officer telephone +61 2 9514 3753 fax +61 2 9514 3400 email law.research@uts.edu.au www.law.uts.edu.au

Research interests of staff members

There is a diverse range of staff research interests within the faculty. The faculty has established research networks and interest groups which represent the key areas of research strength.

Information on supervision and research interests of staff is available at:

www.law.uts.edu.au/research/postgraduate/supervisors.html Staff contact details are available at:

http://datasearch2.uts.edu.au/law/staff/index.cfm

UTS: PHARMACY

Information for students

UTS: Pharmacy strives to provide industry-relevant, practice-based and future-focused education for graduate-entry students, giving them the best possible start for a career in pharmacy. UTS: Pharmacy has strong links with industry, including professional associations and industry advisory committees to ensure its curriculum is closely tied to industry expectations and developments. The degrees have been developed with the current and expanding role of the pharmacist in mind and give students a solid foundation in the pharmaceutical sciences, develop their abilities to be effective practitioners and provide them with them with a number of options to allow them to pursue their area of interest. In addition, the courses have been developed by pharmacy academics with extensive experience in pharmacy curriculum development and delivery, pharmacy practice and integrating research into practice and teaching.

UTS: Pharmacy also undertakes world-class research with many of its academic staff leading researchers in their fields. The research areas covered include pharmaceutical services, drug resistance in cancer and quality use of medicines. UTS: Pharmacy is expanding its research profile national and internationally by undertaking collaborative research with colleagues from other disciplines, institutions, industry and health care settings. Research will be further developed through a strong cohort of postgraduate research students, who are supported and encouraged by these leading researchers and a vibrant research culture. UTS: Pharmacy is committed to collaborative research that has a real impact on the pharmacy profession, with a focus on innovative practice-oriented research that improves the quality use of medicine and informs health policy.

Location, contacts and inquiries

UTS: Pharmacy is located at City campus, Broadway. Further information about UTS: Pharmacy is available at: email pharmacy@uts.edu.au www.pharmacy.uts.edu.au

Structure

UTS: Pharmacy is governed through a Graduate School of Health Academic Board of Studies. The head of school is supported by an executive officer. Academic staff members hold responsible academic officer positions for teaching and learning, research and clinical placements.

The Academic Board of Studies is chaired by the head of school and includes representatives from other faculties, senior executive representatives, and a student and industry representative.

The Graduate School of Health is managed in conjunction with the faculties of Science and Nursing, Midwifery and Health.

 $\label{lem:uts:pharmacy} UTS: Pharmacy also has two External Advisory Committees: national and international.$

Support and facilities

UTS: Pharmacy has a dedicated, purpose-built facility for student education which includes a simulated pharmacy for practice-based learning.

UTS: Pharmacy supports the Master of Pharmacy students through an Academic Mentorship Scheme, where each student is allocated an academic mentor who oversees her or his progress and assists with any ongoing difficulties affecting her or his learning. Regular meetings are held with students and academic mentors to identify any issues affecting students.

Professional bodies

UTS: Pharmacy has strong links to industry through its External Advisory Committees which include representatives from several areas of industry, including community pharmacy, hospital pharmacy, the pharmaceutical industry and professional associations.

Additionally, academic staff have links with the profession through their research and professional activities, such as hospital appointments, membership of professional associations and research collaborations.

Professional practice

Students of the Master of Pharmacy undertake three clinical placement subjects to gain experience in the professional pharmacy environment. The placement program includes experience in community pharmacy, hospital pharmacy and the pharmaceutical industry.

The clinical placement subjects are further supported by the professional services subjects which prepare students for the varying roles in the profession.

Subjects

The Master of Pharmacy is a structured, two-year, full-time degree. In the final year of the program students are given the opportunity to undertake two electives from other faculties of the University in areas such as business management, health policy and the sciences.

Postgraduate course information

Postgraduate coursework

UTS: Pharmacy currently offers the Master of Pharmacy (C04252) (see page 376), which is a graduate-entry degree for students who have completed a bachelor's degree in a relevant science discipline (e.g. medical science) who wish to become registered pharmacists.

The Master of Pharmacy has been developed by leading pharmacy teachers and researchers, with the input of a dedicated educational designer. The course is highly integrated, with the content and learning outcomes of each subject linked with the others in the course to provide students with continuity of learning and a thorough understanding of the sciences underpinning pharmacy practice and experience in applying concepts learnt in real-life situations. The course aims to incorporate educational technologies to facilitate student-based learning and reflect the postgraduate level of learning. Problem-based learning is also a major component of the course, preparing students for the workplace.

Contacts and inquiries

Initial inquiries regarding the Master of Pharmacy degree should be made to the Building 6 Student Centre:

telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

Postgraduate research

UTS: Pharmacy provides opportunities for graduates of pharmacy and related disciplines to develop their research career by undertaking a higher degree by research, the Doctor of Philosophy (C02056) (see page 485). Research students are guided by supervisors who are leading researchers in their fields and are supported by a strong research culture. Research degrees offer students the opportunity to gain research training by undertaking original research and investigating questions related to a broad range of areas including the pharmaceutical sciences, pharmacy practice and service delivery.

Contacts and inquiries

Initial inquiries regarding research degrees should be directed to: email pharmacy@uts.edu.au

Research profile

UTS: Pharmacy research covers a broad range of areas including cancer drug resistance, quality use of medicines, pharmacy practice and consumer behaviour. Research staff are international leaders in their area of research and their work is supported by several large grants, including those from the NHMRC and the Cancer Council.

UTS: SCIENCE

Information for students

UTS: Science publishes a specific course guide at the beginning of each academic year. The course guide is available from the Building 6 Student Centre.

UTS: Science's website provides information on its news, events and operations:

www.science.uts.edu.au

Location, contacts and inquiries

- CB04.4.48H: Dean of Science
- CB04.4.48J: Associate Dean (Teaching and Learning)
- CB04.4.48I: Associate Dean (Research and Development)
- CB04.4.48L: General Manager, Faculty Administration
- CB04.5.23B: General Manager, Technical Services
- CB04.4.48: Academic Administration team
- CB04.4.48D: Research Development team
- CB04.4.48: Financial team
- CB04.4.50: Marketing team

All student inquiries should be directed to:

Building 6 Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

Schools and locations

UTS: Science's courses are delivered through its five schools. Staff and postgraduate research students within these schools conduct research in its research institutes and centres. The schools are as follows.

School of Chemistry and Forensic Science

Professor Tony Baker Head of School CB04.4.31F telephone +61 2 9514 1764 email Anthony.Baker@uts.edu.au www.science.uts.edu.au/chemistry

School of Physics and Advanced Materials

Associate Professor Mike Ford Head of School CB01.12.27 telephone + 61 2 9514 7956 email Mike.Ford@uts.edu.au www.science.uts.edu.au/physics

School of Mathematical SciencesDr Beverley Moore

Head of School CB01.15.13 telephone + 61 2 9514 2236 email Beverley.Moore@uts.edu.au www.science.uts.edu.au/maths

School of the Environment

Professor William Gladstone Head of School CB04.5.49B telephone + 61 2 9514 8272 email William.Gladstone@uts.edu.au www.science.uts.edu.au/environment

School of Medical and Molecular Biosciences

Professor Ann Simpson Head of School CB04.6.39B telephone + 61 2 9514 4097 email Ann.Simpson@uts.edu.au www.science.uts.edu.au/medical

Learning resource and study centres

UTS: Science operates learning resource and study centres in chemistry, physics and mathematics/statistics. These are drop-in centres staffed by the relevant school for all UTS students to get help with introductory subjects in these areas. Although the emphasis is on the provision of help for first-year subjects, sometimes assistance can be provided for later-year subjects.

Chemistry Learning Centre

Dr Paul Thomas

telephone +61 2 9514 1721

fax +61 2 9514 1460

email Paul.Thomas@uts.edu.au

www.science.uts.edu.au/facilities/centre/chemistry.html

Physics Learning Centre

Associate Professor Les Kirkup telephone +61 2 9514 2218 fax +61 2 9514 2219 email Les.Kirkup@uts.edu.au

www.science.uts.edu.au/facilities/centre/physics.html

Mathematics Study Centre

Dr Mary Coupland telephone +61 2 9514 2241 fax +61 2 9514 2260 email Mary.Coupland@uts.edu.au www.science.uts.edu.au/facilities/centre/maths.html

Research facilities and institutes

Science research facilities

Through its technology hubs, UTS: Science is repositioning its relationship with the community, industry and government. Expert researchers, scientists and experienced technical staff are supported by world-class instrumentation in a state-of-the-art science building.

These technology hubs form a network of niche expertise and platform technologies, providing cutting-edge capabilities, advanced training and high-level services managed in a way that is accessible to both internal researchers at UTS and also external industries, allowing informal access to researchers, links with state and federal research and development schemes and access to world-class national infrastructure.

UTS: Science invites organisations to be stakeholders in our technology hubs in conjunction with research institutes and groups. The technology hubs are:

- Microstructural Analysis Unit
- Biosciences Research Facility
- Chemical Technologies Research Facility
- Environment Research Facility.

These technology hubs are where UTS: Science interacts with industry in pursuit of leading-edge techniques, methodologies and capabilities.

Further information on the technology hubs is available from:

www.science.uts.edu.au/research/coe

Microstructural Analysis Unit

The Microstructural Analysis Unit (MAU) provides access to a comprehensive array of state-of-the-art materials characterisation and microscopy instrumentation, which is supported by resident professional staff.

MAU has six scanning electron microscopes, four scanning probe microscopes and an X-ray diffractometer. All these instruments are equipped with specialised attachments, such as cathodoluminescence spectroscopy with hot and cold stages, electron backscatter diffraction, electron beam lithography as well as EDS and WDS quantitative X-ray mapping systems. A broad range of equipment for characterising the electrical and optical properties of materials is also available as well as extensive materials fabrication facilities.

All MAU instrumentation are available 24 hours a day, seven days a week, to all staff and students within UTS: Science. External user access is available on a cost recovery basis. MAU also offers accredited training programs in electron microscopy and microanalysis, scanning probe microscopy techniques and X-ray analytical methods.

Inauiries

Associate Professor Matthew Phillips Director, Microstructural Analysis Unit telephone +61 2 9514 1620 email Matthew.Phillips@uts.edu.au www.science.uts.edu.au/mau

Biosciences Research Facility

The Biosciences Research Facility includes an extensive array of instrumentation and support services for research in medical, molecular biology including two high-end specialised core facilities for proteomics and microbial imaging.

Proteomics describes the study of the complete set of proteins (proteome) that is expressed at a given time in a cell, tissue, organ or organism. Modern proteomics requires the integration of a wide range of protein analytical tools and information technologies, to quickly and reliably identify changes in proteins, e.g. altered proteomic states associated with disease.

The Proteomics Core Facility (PCF) brings together leading technologies for sample preparation, protein separations, identification and characterisation.

PCF offers services and training in proteomics discovery technologies to Australian and international researchers from academia and industry. PCF has particular expertise in experimental design, custom method development, sample preparation, complex mixture fractionation and protein separations.

The Microbial Imaging Facility (MIF) at UTS has recently been established to provide high-resolution imaging of bacteria, parasites, eukaryotic cells and parasite—host interactions. The facility also has equipment for flow cytometry and biological specimen preparation for optical and electron microscopy.

MIF is comprehensively equipped with sophisticated and state of the art optical microscopes for epifluorescence, deconvolution, confocal and live-cell imaging microscopy.

The star of the facility is the DeltaVision OMX 3D-SIM \square , a structured illumination microscope for super-resolution imaging, which enables scientists/researchers to view cells and organisms in spectacular detail at a resolution never before possible. It is the only one in Australia, and one of only two commercial units in the world.

Inquiries

Philip Lawrence telephone +61 2 9514 8356 email Philip.Lawrence@uts.edu.au www.science.uts.edu.au/research/coe

Chemical Technologies Research Facility

The Chemical Technologies Research Facility (CTRF) draws from several world-class laboratories, technical and research staff specialising in chemistry and materials science at UTS: Science. CTRF focuses on chemical and biochemical analysis and materials technology. It is equipped to produce and characterise a diverse range of organic and inorganic materials and is supported by a team of over 20 experienced technical staff and researchers. CTRF expertises include the physical and mechanical characterisation of engineering materials, chemical and physical characterisation of forensic and pharmaceutical samples.

CTRF provides services to industry, researchers and the community in these specialised areas.

Inquiries

Dr Ronald Shimmon telephone +61 2 9514 8260 email Ronald.Shimmon@uts.edu.au www.science.uts.edu.au/research/coe

Research strengths and capabilities

UTS: Science has a strong record of research and development, essential to facilitating quality postgraduate research programs. Research grants and funding are very important to the direction and support of postgraduate research. UTS: Science wins a substantial proportion of national and international competitive research grants awarded to UTS annually.

The faculty obtains grants and funding across wide areas of expertise such as in the physical, chemical, forensic, climate change and environmental, biological, biomedical and mathematical sciences.

UTS: Science prides itself on research that engages the interest of the community and industry, and produces outcomes of economic and social benefit.

Further information on the research strengths and areas is available from:

www.science.uts.edu.au/research

UTS: Science's research strengths are marked by its research institutes and centres, which form a substantial part of the University's research strengths.

The ithree Institute

The Institute for Biotechnology of Infectious Diseases has recently been re-branded to 'the ithree Institute' (I3) to reflect its new strategic direction and its one-health research focus, where it will take an interdisciplinary approach of 'infectious ecology' — infection, immunity and innovation.

The aim of the institute is to deliver the highest quality research on the biology and control of infectious diseases in humans and animals. I3 research holds the keys to interrupting the lifecycle of pathogens.

Located in state-of-the-art laboratories in central Sydney, its facilities include pathogen culture and the Delta Vision OMX 3D-SIM \square (the only one in Australia). This structured illumination microscope for superresolution imaging enables scientists and researchers to view cells and organisms in spectacular detail at a resolution never before possible.

It also brings together expertise in molecular biology, cell biology, genetics, bioinformatics and protein chemistry, etc. Its philosophy is to work in partnership with others to deliver world-class scientific discovery and to drive innovation.

I3 also works very closely with the Department of Medical and Molecular Biosciences at UTS: Science to focus its teaching commitments, encourage research-oriented teaching and raise its visibility to UTS students. It also promotes career development of its staff and students.

Inauiries

Professor Ian Charles Director, The I3 Institute telephone +61 2 9514 2672 email Ian.Charles@uts.edu.au www.ithreeinstitute.uts.edu.au

Plant Functional Biology and Climate Change Cluster

The Plant Functional Biology and Climate Change Cluster (C3) was established to demonstrate UTS's commitment to finding real and accurate solutions to climate change problems.

C3 is a cross-disciplinary research group with the aim to improve and enhance predictions about climate change outcomes. Building on existing key UTS research strengths and resources in terrestrial and aquatic ecosystems, C3 brings together a core group of experts in plant physiologists, ecologists, biologists, remote sensing specialists, and biological and physical modellers.

Working on a regional scale, e.g. forest, coastal and estuarine ecosystems, this unique group's targeted research approach improves the confidence in scientists' predictions about climate change. Whether terrestrial or aquatic plants are at the bottom of the list, and more often than not forgotten, by integrating the biological feedback from plants into climate change models, C3 improves their research findings accuracy and usefulness for developing future resource planning strategies to reduce climate change.

C3 also aims to provide an opportunity for the University, and wider community, to connect on issues relating to climate change by fostering interfaculty discussion through forums and seminars.

C3 is currently undergoing a considerable growth in its research capacity and welcomes inquiries from students interested in taking up honours and PhD positions. Some areas of research include ocean acidification, ecosystem and food web modelling, coral bio-energetic, biological invasions and climate change synergies, and Antarctic sea-ice algal communities.

Inquiries

Associate Professor Peter Ralph Director, Plant Functional Biology and Climate Change Cluster telephone +61 2 9514 4070 email Peter.Ralph@uts.edu.au www.c3.uts.edu.au

Institute for Nanoscale Technology

The Institute for Nanoscale Technology's (INT) core research activities focus on the interaction of light with nano and microscale structures, and on materials chemistry. INT's research work revolves around, but is not limited to, the following:

- modelling and fundamental understanding of optical, chemical, electrical and structural phenomena at optical and sub-optical wavelengths
- technological development and exploitation of these phenomena to achieve useful results in the communications, architectural and biomedical industries.

The group has also successfully developed a range of efficient analytical and numerical algorithms for a number of important situations and is internationally recognised for the development and application of semi-analytic methods based on multiple techniques, bloch mode techniques and Green's function methods.

There is also substantial expertise in computational electromagnetic techniques, particularly the finite element and finite difference time domain methods. Part of the focus of this group is in the design and study of the fundamental physics of photonic crystal devices, micro-structured optical fibres, radiation dynamics of photonic crystal clusters, localisation in random structures, optical biomimetics, plasmon resonances, sensing applications, plasmonic heating and light scattering.

Another area of particular interest is the development of 'smart' and energy-efficient coatings for windows.

The aim of the group is to produce graduates with the necessary skills to sustain a vibrant industry. INT ensures that its works are closely tied in with UTS: Science's undergraduate and postgraduate curriculum.

Inauiries

Professor Michael Cortie Director, Institute for Nanoscale Technology telephone +61 2 9514 2208 email Michael.Cortie@uts.edu.au www.nano.uts.edu.au

Centre for Forensic Science

The Centre for Forensic Science (CFS) was established in 2002 and became a University research centre in 2007. The aim of the centre is to provide high-calibre research, high-quality education, enhancement of professional practice and independent services for the benefit of the community. It brings together world-class academics with different expertise but with a common vision, that is the prevention and solving of crime and terrorism.

Forensic science at UTS is presented as a multidisciplinary methodology applied within a scientific, legal and political structure. One of the prime objectives of the centre is to develop new investigative techniques and also to demonstrate their significance within the legal system and to communicate their meaning to juries and society in general. The centre is the only one of its kind in Australian universities, making it unique, and serves local and national law enforcement agencies, security agencies and the community at large in the application of scientific principles, methods of administration and enforcement of the law.

It also capitalises on UTS: Science's forensic programs and runs professional short courses and seminars for law enforcement agencies, forensic organisations, practitioners, insurance companies, legal firms, various research institutes and the community.

It has research programs in the areas of fingerprints, questioned documents, trace evidence, fire investigation and analysis, illicit drugs, toxicology, DNA profiling, materials and engineering, statistics and data handling, and artificial neural networks applied to forensic classification.

The centre also offers an independent investigative and consulting service through the UTS commercial company accessUTS Pty Limited.

Inquiries

Professor Claude Roux Director, Centre for Forensic Science telephone +61 2 9514 1718 email Claude.Roux@uts.edu.au www.forensics.uts.edu.au

Centre for Environmental Sustainability

The Centre for Environmental Sustainability (CEnS) aims to generate multidisciplinary, multiscale information that is urgently needed for sustainable natural resource management by providing:

- high-quality innovative research on the tolerance and resilience of our natural terrestrial and riverine systems and biota to human-induced environmental stressors and requirements for remediation and management
- insights into physical/chemical dynamics and ecosystem functions at the mechanistic level for use in modelling landscape and/or catchment processes.

The centre coordinates research programs at honours, master's and doctoral level. It works closely with the Centre for Ecotoxicology — a joint enterprise between UTS and the NSW Department of Environment, Climate Change and Water with the aim to promote education research and knowledge transfer in the field of ecotoxicology.

The University arm also offers an independent investigative and testing consulting service for industry through access UTS Pty Limited.

Inquiries

Professor David Booth Centre for Environmental Sustainability telephone +61 2 9514 4053 email David.Booth@uts.edu.au www.research.uts.edu.au/strengths/es

Cross-faculty research

Centre for Health Technologies

The Centre for Health Technologies (CHT) research team brings together complementary interdisciplinary research skills unique in Australia in the development of innovative medical devices and biotechnology processes for health technology applications.

The focus of CHT is on the study of health and disease processes and the development of new medical devices and advanced biotechnology applications for early detection, diagnosis, treatment and rehabilitation of lifestyle diseases such as cardiovascular disease, diabetes mellitus, neurological disorder and cancer.

The centre's innovative medical device technologies and biotechnology/biopharmaceutical research programs are currently at the cutting edge of biomedical engineering and biotechnology science, and have already developed several significant biomedical devices and advanced biotechnology processes.

Further information is available from:

www.research.uts.edu.au/strengths/ht

Quantitative Finance Research Centre

The Quantitative Finance Research Centre (QFRC) is a joint initiative of UTS: Business's School of Finance and Economics and UTS: Science's Department of Mathematical Sciences. QFRC is a recognised key UTS research centre.

QFRC encompasses the largest and pre-eminent concentration of research strength in quantitative finance in Australia, and is recognised as one of the leading centres for this discipline in the Asia–Pacific region. The group focuses on financial risk management and the associated quantitative methods. Areas of particular interest include simulation techniques in finance, financial optimisation, credit risk, financial econometrics and market design issues. In line with the federal government's aim for Sydney to become a major international finance centre, the QFRC performs internationally competitive research and translates breakthroughs into ideas that can be implemented in the local and global finance industry.

Further information is available from:

www.qfrc.uts.edu.au

Centre for the Study of Choice

The Centre for the Study of Choice (CenSoC) is a cross-disciplinary initiative of UTS: Business's School of Marketing and School of Finance and Economics with UTS: Science's Department of Mathematical Sciences linked with national and global affiliates. CenSoC uses theory, tools, processes and insights from econometrics, mathematics, statistics, marketing and psychology to build models to predict how consumers or firms are likely to respond to future choices. Its charter is to better understand individual and group decision-making, including the decision and choice processes of managers, organisations and consumers.

Further information is available from:

www.censoc.uts.edu.au

Links with industry

In the development of all its courses, UTS: Science is assisted by appropriate advisory committees with members drawn from the wider community. The courses are regularly reviewed to ensure currency and relevance to industrial and commercial practice.

UTS: Science has strong links with industry through its academic staff who maintain contact by undertaking appropriate research and consulting activities and through the centres of expertise. Undergraduate students have the option of spending an additional 12 months working in a relevant industry. UTS: Science provides assistance to students in finding these professional experience positions.

Subject prerequisites, corequisites, antirequisites

While every effort has been made to ensure the accuracy of the prerequisite, corequiste and antirequisite data in subject descriptions, students should check with their program directors if they intend to enrol in subjects in a different sequence to the typical course program shown in the handbook.

Bridging and short courses

Short intensive bridging courses designed for students about to enter a degree are offered in February each year. These courses teach at an introductory level only and assist in bridging the gap between school and university study. Subjects include chemistry, physics and mathematics. Other short courses are available, subject to demand.

Further information is available from:

www.science.uts.edu.au/courses/bridging.html

Undergraduate course information

UTS: Science offers a number of undergraduate degree programs developed to produce graduates for professional and vocational practice, with an ability to continue their studies by research and to contribute to the knowledge base of their scientific discipline. Most of UTS: Science's undergraduate courses are built from three building blocks of subjects comprising a 48-credit-point foundation stream, a 48-credit-point disciplinary core and a 48-credit-point extension block.

Students in the Bachelor of Science (C10242) (see page 241) select a major course of study by combining a specific disciplinary core with a matching extension block and then graduate with an award specifying that major, e.g. Bachelor of Science in (name of Science major). Most undergraduate majors also contain 24 credit points of ree electives that can be used to take subjects in a different science specialty or a different discipline altogether, such as business or information technology.

Research-based, one-year honours degrees are also available to bachelor's pass degree graduates.

Professional experience is also offered as an optional and additional component of the science degree courses in which students work in industry for a year and complete two subjects focused on enhancing understanding of the workplace environment and further development of their technical and generic skills.

Contacts and inquiries

Further information regarding undergraduate courses offered by UTS: Science is available from:

Building 6 Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

Honours degree courses

One-year, research-based honours degrees are available in all disciplines of science and mathematics at UTS. Honours programs provide basic training in research and introduce students to advanced areas of study in the relevant discipline. Graduates generally enter occupations for which an honours degree is the minimum requirement or continue with postgraduate research degrees. Honours programs are offered in applied chemistry, applied physics, biomedical science, biotechnology, environmental science, forensic biology, forensic science, marine biology, mathematics, mathematics and finance, medical science and nanotechnology.

Admission requirements

Honours courses are one-year full-time or equivalent part-time courses. They are open to students who possess or have fulfilled all the requirements for a relevant bachelor's degree from UTS, or equivalent qualification, with at least a credit average over the final third of the undergraduate program.

Commencement date

Students commencing their honours course in Autumn semester are normally required to commence work on their honours program on the first Monday in February. This applies even when formal enrolment is held after this date. Students should contact their supervisor for details.

Award

Honours degrees may be awarded in the following grades: first class, second class (division 1), second class (division 2) and third class.

Other information

Interested students should discuss the program and possible research projects available with the relevant head of department or honours course coordinator, or with individual members of academic staff.

Majors

The Bachelor of Science (C10242) (see page 241) and most named degrees offered by UTS: Science are structured into 48-credit-point foundation streams plus 96 credit points in majors. A major is defined by a specific 48-credit-point disciplinary core group of subjects plus a specific 48-credit-point extension group of subjects.

Students in the Bachelor of Science do not have to choose a major and can instead choose a range of subjects according to their interests, providing they ensure they choose the appropriate prerequisite subjects and have the required mix of second and third year subjects. However, there are benefits to students of formal majors:

- UTS: Science provides direction in the choice of subjects so the variety and complexity of programs is diminished
- there is greater clarity in defining a graduate's capabilities, compared to a situation where choice of subjects is totally free
- a testamur is awarded that identifies the student's area or areas of study.

Listed below are the majors within the Bachelor of Science.

- Applied Chemistry (MAJ01100)
- Applied Physics (MAJ01101)
- Biomedical Science (MAJ01104)
- Biotechnology (MAJ01103)
- Environmental Biology (MAJ01106)
- Environmental Forensics (MAJ01108)
- Marine Biology (MAJ01107)
- Mathematics (MAJ01110)
- Medical Science (MAJ01105)
- Nanotechnology (MAJ01102)
- Statistics (MAJ01111).

Sub-majors

Students enrolled in the Bachelor of Science (C10242) (see page 241), Bachelor of Medical Science (C10184) (see page 217), Bachelor of Biomedical Science (C10115) (see page 172) and Bachelor of Biotechnology (C10172) (see page 215) degrees may undertake a sub-major as part of their course. A sub-major comprises a coherent sequence of subjects offered by UTS: Science, UTS: International Studies or another course area of the University. The purpose of the sub-major is to give students the opportunity to broaden their studies into other areas of interest or to pursue studies in particular disciplines to greater depth.

Examples of possible sub-majors (24 credit points each) are listed below, but it should be noted that not all of them are necessarily appropriate to every course and that normal prerequisite conditions and timetabling constraints apply in all cases. Students should consult their program director for advice on selecting sub-majors.

- Environmental Sciences (SMJ01048): this sub-major is suitable for students in non-environmental courses.
- Mathematics (SMJ01007)
- Quantitative Management (SMJ01025): this sub-major was developed for students who have completed a first course in statistics at the University (e.g. from UTS: Business) or in the biological sciences.

- Quantitative Management (SMJ01026): this sub-major was developed for students in UTS: Information Technology but is also suitable for students from any faculty who have studied no tertiary mathematics or statistics in their degree programs.
- Quantitative Methods (SMJ01029): this sub-major is intended to expose students to the theory and application of quantitative methods that are widely used by information technology professionals, especially techniques drawn from the disciplines of statistics and management science.
- Scientific Computing (SMJ02054): this sub-major is intended to expose students to the theory and practice of computing as applied in the area of computational science.
- Statistics (Life Sciences) (SMJ01030): this sub-major is suitable for students in biological or environmental science courses.
- Statistics (Physical Sciences) (SMJ01031): this sub-major is suitable for students in physical and chemical programs, and assumes they have completed 33190 Mathematical Modelling for Science and 33290 Statistics and Mathematics for Science.
- Statistical Modelling (SMJ01032): this sub-major is intended to expose students to the theory and practice of statistical modelling.

Combined course information

UTS: Science is involved in the teaching of science to other areas of the University, including UTS: Engineering and UTS: Health. UTS: Science is also involved in offering the following joint undergraduate degree programs.

- The Bachelor of Science Bachelor of Laws (C10126) (see page 182) is offered in conjunction with UTS: Law. In order to qualify for separate awards in science and law, students are required to select an area of specialisation in science so that they can proceed to more advanced studies and thereby obtain recognition in relevant professional fields. Science majors available are applied chemistry, applied physics, biomedical science, biotechnology, environmental biology, environmental forensics, marine biology, mathematics, medical science and nanotechnology. Graduates from the course are qualified for professional practice as either scientists or lawyers and especially in areas where a knowledge of both disciplines is desirable.
- The Bachelor of Medical Science Bachelor of Laws (C10131) (see page 189) is similar in structure to the Bachelor of Science Bachelor of Laws (C10126) (see page 182), but with a specialisation in medical science. Graduates qualify for professional practice in either field but may expect to be in most demand in those areas of law in which a knowledge of medical science is a particular advantage or, conversely, in areas of science such as the pharmaceutical industries where a knowledge of the law has special value.
- Science degrees combined with the 96-credit-point Bachelor of Arts in International Studies enables science students to learn and experience the language and culture of another country, thereby enhancing their competitiveness in global career choices. Students are required to select a region or country of specialisation within the International Studies program. The length of these combined degrees is five years full time, which includes one year of in-country study. Graduates may work as professionals in their area of scientific expertise particularly in specialist positions where an understanding of a particular culture may be highly desirable. The Bachelor of Science Bachelor of Arts in International Studies (C10243) (see page 245) enables students to combine a science degree in any of the 12 Bachelor of Science majors with the Bachelor of Arts in International Studies; the Bachelor of Medical Science Bachelor of Arts in International Studies (C10167) (see page 211) and the Bachelor of Biotechnology Bachelor of Arts in International Studies (C10168) (see page 212) impart additional practical skills to students specialising in science, medical science and biotechnology, particularly the knowledge and understanding of a language and culture other than English.
- The combined degree Bachelor of Health Science in Traditional Chinese Medicine Bachelor of Arts in International Studies (C10164) (see page 209) provides acupuncture and Chinese herbal medicine students with greater exposure to and understanding of China's culture and a working knowledge of Chinese. The program makes it easier for traditional Chinese medicine graduates to practise outside Australia.
- The combined degrees Bachelor of Mathematics and Computing Bachelor of Arts in International Studies (C10224) (see page 229) and Bachelor of Mathematics and Finance Bachelor of Arts in International Studies (C10157) (see page 200) facilitate an international perspective on mathematics career choices in the fields of computing and finance.

- The combined degrees Bachelor of Engineering Bachelor of Biotechnology (C10078) (see page 170) and Bachelor of Engineering Bachelor of Medical Science (C10075) (see page 167) integrate the theory and application of science and engineering to produce well-rounded graduates in biotechnology or medical science. In the Bachelor of Engineering Bachelor of Science (C10073) (see page 160) the major science study may be chosen from applied chemistry, applied physics, biomedical science, biotechnology, environmental sciences, mathematics, medical science or nanotechnology. In five years of full-time study, students choose from one of the engineering majors and 78 credit points from one of the science programs. Depending on the combinations chosen, graduates are qualified to work in professional practice as well as in research and development.
- The Bachelor of Science Bachelor of Business (C10162) (see page 203) requires completion, over four years of full-time study, of a 96-credit-point major selected from the Bachelor of Business (C10026) (see page 131) plus a 96-credit-point major selected from the science programs. Graduates may work as professional scientists or as business professionals. Career areas include accounting or economics, finance, management or marketing in enterprises in which high-level scientific expertise is desirable. The program also provides business expertise for scientists who wish to be administrators in research or other scientific institutions. The Bachelor of Medical Science Bachelor of Business (C10163) (see page 208) and the Bachelor of Biotechnology Bachelor of Business (C10169) (see page 214) are similar in structure to the Bachelor of Science Bachelor of Business (C10162) (see page 203), with the science specialisation in medical science or biotechnology.

Postgraduate course information

UTS: Science offers both PhD and master's programs by research and thesis. There are also several master's, graduate diploma and graduate certificate programs by coursework. Inquiries regarding postgraduate coursework programs should be directed to the UTS Student Centre.

Prospective research students should discuss possible topics of research with either a potential supervisor or the head of the appropriate department in the first instance. Further information on research programs is available from UTS: Science's research and development coordinator.

Progression

Postgraduate students are advised that they may be excluded from a course if they exceed the maximum time allowed for completion of that course (see rule 10.5).

Contacts and inquiries

Further information regarding postgraduate coursework courses offered by UTS: Science is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Further information regarding postgraduate research courses offered by UTS: Science is available from:

Research and Development Coordinator

telephone +61 2 9514 2490

fax +61 2 9514 1656

email science.research@uts.edu.au

Postgraduate research

UTS: Science has a well-developed research culture and is proud of its achievements and track record in teaching and researching innovative science. The research courses focus on applied and practical research to bring about benefits to industry and the community. UTS: Science has strong links with industry and its courses are highly respected for their relevance, skills and research training, and for their professional focus.

UTS: Science wins a substantial part of the competitive grants awarded to the University. Much of UTS: Science's research focuses on the activities of its research institutes, centres and units, which include the University's strategic research strengths (see below).

This concentration of research has enabled UTS: Science to significantly improve the quality of its major equipment and instrumentations in recent years to the benefit of its students.

The research programs may be carried out on either a full-time or part-time basis and it is possible for part-time students to undertake a portion of their research at a site external to UTS, provided appropriate supervisory arrangements can be made. Details of current research in progress can be obtained from the office of the associate dean (research and development).

Contacts and inquiries

Further information is available from:

Research and Development Coordinator telephone +61 2 9514 2490 fax +61 2 9514 1656

email science.research@uts.edu.au

Research profile

UTS: Science's strategic research strengths are:

- The ithree Institute (I3)
- Plant Functional Biology and Climate Change Cluster (C3)
- Centre for Forensic Science (CFS)
- Institute for Nanoscale Technology (INT)
- Centre for Environmental Sustainability (CeNS)

Other research areas include, but are not limited to:

- applied chemistry, including nanochemistry, anaytical chemistry, infrared imaging, bioinorganic chemistry
- applied physics, including image processing and analysis
- computational number theory
- ecotoxicology and chemistry toxicology
- experimental design and data analysis
- immunology
- marine biology and ecology
- mathematics and statistics
- medical and biomedical science
- microbiology
- neurotoxins
- numerical integration
- psycho-oncology
- scheduling theory
- traditional Chinese medicine.

- Centre for Health Technologies
- Centre for the Study of Choice
- Quantitative Finance Research Group.

Further information on UTS: Science's research strengths, areas and entities is available from:

www.science.uts.edu.au/research

UNDERGRADUATE COURSES

C09004v6 Bachelor of Business (Honours)

Award(s): Bachelor of Business (Honours) (BBus(Hons))

CRICOS code: 015933J

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1

Location: City and Kuring-gai campuses

Overview

The Bachelor of Business (Honours) provides an opportunity for advanced study in the disciplinary areas of accounting, finance and economics, management or marketing.

The course provides the ideal foundation for students who plan to pursue a career in applied research in business and related professions, or who plan to undertake master's or doctoral research studies.

Course aims

The degree seeks to provide students with the knowledge, competencies and values necessary for a fulfilling and effective career.

Career options

Career options include accounting, economics, finance, financial services, human resource management, international business, management, marketing, marketing communication, and government advisory positions.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

Applicants must have completed the UTS Bachelor of Business, or an equivalent degree, with an overall credit average and an average mark of 70 (or equivalent for non-UTS students) in the discipline area in which the honours degree is to be awarded. A questionnaire, available from UTS: Business student offices, must also be completed.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The honours degree comprises one year of intensive full-time study or, in approved cases, two years of part-time study.

Course structure

The Bachelor of Business (Honours) comprises 48 credit points of study.

Students may undertake any of the following four streams.

- The Accounting stream provides the knowledge and skills to critically evaluate accounting issues. The coursework component provides research skills necessary for critical evaluation of both theoretical and empirical studies in accounting. The thesis component focuses on an area such as market-based accounting research, contracting theory, auditing and management accounting.
- The Economics stream equips students with the skills and knowledge required for applied or postgraduate research in economics. The coursework component provides in-depth knowledge of advanced microeconomic and macroeconomic

- analysis, economic modelling and policy applications. Students undertake original theoretical or applied research in a disciplinary area of economics for the thesis component.
- The Finance stream brings students up to date with both the latest theoretical issues and the current research methods used in finance. The thesis develops skills through applied research in a relevant area, and prepares students for further research in either industry or postgraduate studies. It is recommended that students undertake this program on a full-time basis.
- The Management stream prepares students for applied or postgraduate research in many areas of management. The coursework component brings students up to date with the latest theoretical issues and research paradigms currently in use. The thesis component involves original study in one of the major areas.
- The Marketing stream prepares students for further academic research or research in a marketing management position. The coursework component provides in-depth knowledge of contrasting theories of marketing, and expertise in a range of current research methods and analytical techniques. The thesis component involves original applied research in a disciplinary area of marketing.

Course completion requirements

CBK90793 Stream choice	48cp
	Total 48cp

Course program

Course programs for accounting, economics, finance, management and marketing are shown below.

Accounting

22901	Accounting Research and Consulting Skills		6ср
22902	0		1
22002	Disclosure		6ср
22903	Contemporary Issues in Management		
22906	Accounting Research Thesis in Accounting		6cp 24cp
22908	Economics of Auditing and Assurance Service	es	6cp
22,00	Deorionnes of Fracting and Fissarance service	Co	оср
Economic			
23917	Advanced Macroeconomics		6ср
23907	Advanced Microeconomics		6cp
23908	Economic Modelling		6cp
23918			6cp
23909	Thesis Proposal in Economics (Honours)		6cp
23910	Thesis in Economics (Honours)		18cp
Finance			
25921	Theory of Financial Decision Making		6ср
25922 Financial Econometrics			6ср
25924 Advanced Corporate Finance			6ср
25923 Derivative Security Pricing		6ср	
25928 Thesis Proposal in Finance (Honours)			6ср
25929	Thesis in Finance (Honours)		18cp
Managen	nent .		
	one of the following:		6ср
21907			ocp
	Management and Organisations	6ср	
21914		1	
	Management	6ср	
21908	Advanced Management and Organisation		
	Research Methods		6ср
Select	one of the following:		6ср
21909			1
	Management Theorising	6ср	
21915	0		
	Seminars	6ср	
21910	Researching Organisations and Management		6cp
21912	Thesis Proposal in Management (Honours)		6cp
21913	Thesis in Management (Honours)		18cp

24901	Philosophy of Science and Theory		6ср	
Selec 24902	6)		6ср	
24758	Analysis Techniques Readings in Marketing	6ср 6ср		
Selec 24908	t one of the following: Research Design and Data Collection		6ср	
2175	Techniques	6ср 6ср		
Selec	t one of the following:		6ср	
2433	Marketing Analytics and Decisions	6ср	-	
23908	B Economic Modelling	6ср		
24770	Thesis in Marketing (Honours) 1		6ср	
24771	Thesis in Marketing (Honours) 2		18cp	

Other information

Marketing

Further information is available from UTS: Business at: www.business.uts.edu.au

C09005v6 Bachelor of Management (Honours) in Events and Leisure

Award(s): Bachelor of Management (Honours) in Events and Leisure (BM(Hons))

CRICOS code: 043288A

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1

Location: Kuring-gai campus

Overview

The honours program is designed to provide students with the resources to further develop and apply their research skills and to pursue special areas of interest in depth.

Course aims

The honours program aims to develop, at an advanced undergraduate level, knowledge of sport and leisure management through research; facilitate the completion of a substantive research thesis which focuses on theory, applied/professional issues or some combination of these; provide a direct pathway to graduate-level study; and make contributions to knowledge in the field of sport and leisure management.

Career options

Career options include activities and cultural events coordinator at a university or college; manager or administrator in leisure, tourism, sports, entertainment or the arts; marketing of sport and leisure; outdoor recreation promotion; and recreation planner/manager in local government.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

Applicants typically should have successfully completed the Bachelor of Management in Events and Leisure (C10039) (see page 135), with a credit average or better in the final two full-time semesters.

Graduates from other institutions who have completed a comparable course and who meet the academic criteria are also considered for admission.

In exceptional cases, consideration is given to applicants who have completed the Bachelor of Management in Events and Leisure (C10039) (see page 135), the Bachelor of Management in Sport and Exercise (C10301) (see page 289), the Bachelor of Management in Tourism (C10040) (see page 136) or the Bachelor of Human Movement (C10300) (see page 288) at pass level. In such cases, outstanding professional achievements are taken into account.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is normally completed in one year of full-time or two years of part-time study. It is offered only at Kuring-gai campus.

Course structure

All students must complete three coursework subjects, each worth 6 credit points, and a major thesis of 30 credit points, totalling 48 credit points. The precise nature of each student's program is determined in consultation with the honours course coordinator, with the aim being to choose those subjects that facilitate completion of the honours research thesis.

In choosing electives, students may:

- substitute subject Readings for Thesis with an elective subject with the approval of the course coordinator
- complete both elective subjects in the first semester
- choose other senior undergraduate-level subjects with the approval of the course coordinator; these subjects may be taken from other schools within UTS: Business or elsewhere in the University.

Course completion requirements

27941	Advanced Research Methods for Leisure,	
	Sport and Tourism	6ср
27154	Readings for Thesis	6ср
276901	Honours Thesis 1	15cp
276902	Honours Thesis 2	15cp
CBK90108	Leisure, Sport and Tourism subjects (PG)	6ср
	, , ,	Total 48cp

Other information

Further information is available from UTS: Business on: telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 www.business.uts.edu.au

C09007v4 Bachelor of Management (Honours) in Tourism

Award(s): Bachelor of Management (Honours) in Tourism (BM(Hons)) CRICOS code: 042814C

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1

Location: Kuring-gai campus

Overview

The honours program is designed to provide students with the resources to further develop and apply their research skills and to pursue special areas of interest in depth.

Course aims

The honours program aims to develop, at an advanced undergraduate level, knowledge of tourism management through research; facilitate the completion of a substantive research thesis which focuses on theory, applied/professional issues or some combination of these; provide a direct pathway to graduate-level study; and make contributions to knowledge in the field of tourism management.

Career options

Career options include management, marketing and policy analysis roles in industries such as hotels, airlines, tour operations, regional planning and development, special events and tourist attractions, both in Australia and overseas.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

Applicants typically should have successfully completed the Bachelor of Management in Tourism (C10040) (see page 136), with a credit average or better in the final two full-time semesters.

Graduates from other institutions who have completed a comparable course and who meet the academic criteria are also considered for admission. In exceptional cases, consideration is given to applicants who have completed the Bachelor of Management in Leisure (C10039) (see page 135), the Bachelor of Arts in Sport and Exercise Management (C10301) (see page 289), the Bachelor of Management in Tourism (C10040) (see page 136) or the Bachelor of Arts in Human Movement Studies (C10300) (see page 288) at pass level. In such cases, outstanding professional achievements are taken into account.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The honours component is normally completed in one year of full-time or two years of part-time study. It is offered only at Kuring-gai campus.

Course structure

All students must complete three coursework subjects, each worth 6 credit points, and a major thesis of 30 credit points, totalling 48 credit points. The precise nature of each student's program is determined in consultation with the honours course coordinator, with the aim of choosing those subjects that facilitate completion of the honours research thesis.

In choosing electives, students may:

- substitute subject Readings for Thesis with an elective subject, with the approval of the course coordinator
- complete both elective subjects in the first semester
- choose other senior undergraduate-level subjects with the approval of the course coordinator; these subjects may be taken from other schools within UTS: Business or elsewhere in the University.

Course completion requirements

27941	Advanced Research Methods for Leisure,	
	Sport and Tourism	6ср
27154	Readings for Thesis	6cp
276901	Honours Thesis 1	15cp
276902	Honours Thesis 2	15cp
CBK90108	Leisure, Sport and Tourism subjects (PG)	6cp
	, , , , ,	Total 48cn

Other information

Further information is available from UTS: Business on: telephone 1300 ask UTS (1300 275 887) or $+61\ 2\ 9514\ 1222$ www.business.uts.edu.au

C09009v4 Bachelor of Arts (Honours) in Communication

Award(s): Bachelor of Arts (Honours) in Communication (BA(Hons)) CRICOS code: 017874K Commonwealth-supported place?: Yes Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

This course offers graduates the opportunity to pursue advanced work in the humanities and social sciences, and prepares them for postgraduate research. Emphasis is placed on interdisciplinary approaches and the integration of scholarship with contemporary media.

Students undertake a program of advanced coursework and produce a thesis relevant to their academic, professional and / or creative agenda.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

Applicants are admitted to the honours program only if appropriately qualified UTS: Communication academic staff are available for supervision for the thesis component.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a one-year, full-time basis.

Course structure

Students complete two 12-credit-point subjects (24 credit points) and a thesis (24 credit points). The thesis is based on their original work informed by theoretical study and independent research. The thesis may be presented in a variety of traditional and/or non-traditional formats

Course completion requirements

55069	Honours Workshop		12cp
Select one	of the following:		12cp
55067	Communication and Information		
	Honours Seminar	12cp	
55068	Cultural Studies Honours Seminar	12cp	
55073	Social Sciences Honours Seminar	12cp	
55066	Writing Studies Honours Seminar	12cp	
Select one	of the following:		24cp
55004	Honours Thesis (FT)	24cp	-
55006	Honours Thesis (Production) (FT)	24cp	
		Tota	1 48cp

Course program

The example program below is for a student commencing in Autumn semester.

Year 1

55004

55006

Autumn semester

55069	Honours Workshop		12cp
Select 12	credit points from the following options:		12cp
55066	Writing Studies Honours Seminar	12cp	_
55067	Communication and Information	-	
	Honours Seminar	12cp	
55068	Cultural Studies Honours Seminar	12cp	
55073	Social Sciences Honours Seminar	12cp	
Spring se	emester		
Select 24	credit points from the following options:		24cp

24cp

24cp

Other information

Honours Thesis (FT)

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

Honours Thesis (Production) (FT)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C09018v5 Bachelor of Nursing (Honours)

Award(s): Bachelor of Nursing (Honours) (BN(Hons))

CRICOS code: 015936F

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

This course provides the opportunity for eligible graduates of the Bachelor of Nursing to extend their skills and understanding of the research process. It emphasises the reciprocal relationship between nursing research and the contexts of nursing practice.

This course provides Bachelor of Nursing graduates with the opportunity to develop training in clinically focused research. The course deepens students' understanding of the importance of research in nursing.

Course aims

The purpose of the course is to enable graduate nurses to conduct research relevant to nursing in any of its dimensions. It aims to develop students' skills in using research designs and methodologies, and to reinforce their understanding of the crucial role of research in the evolution of the discipline of nursing. Students also develop academic writing skills to produce a dissertation.

Career options

Career options that graduates may undertake include registered nurse in a clinical specialty supported by their research project work, such as critical care, or roles such as nurse educator or manager. However, graduates are also well-prepared to undertake postgraduate research degrees or begin a career as a researcher.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

All applicants must be eligible to graduate from a Bachelor of Nursing program from UTS or another tertiary institution at the time of application (followed by successful completion). Applicants must be registered as a nurse in their country of citizenship or residence at the time of enrolment (exemptions to this rule may be sought from the Bachelor (Honours) Selection Committee in exceptional

All applicants must have completed at least one research subject (as approved by the Bachelor (Honours) Selection Committee) with a credit grade and have a weighted average mark or grade point average of credit or higher for their bachelor's degree. Applicants are admitted to the honours course only if appropriately qualified academic members of UTS: Health staff are available for supervision of the dissertation component.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course may be completed in one year of full-time or two years of part-time study.

Course structure

The course comprises a total of 48 credit points. Students complete two 6-credit-point subjects and a 36-credit-point thesis.

Course completion requirements

Health Care Research Methodology 6ср Select one of the following: 6cp Developing Health Care Theory 92973 6ср 92974 Investigating Health Care Change 92291 Nursing Honours Dissertation 1 18cp 92292 Nursing Honours Dissertation 2 18cp Total 48cp

Other information

Further information is available from:

Research administration officer

telephone +61 2 9514 4834

email NMHResearch.StudentsAdmin@uts.edu.au

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.nmh.uts.edu.au

C09019v4 Bachelor of Science (Honours) in Information Technology

Award(s): Bachelor of Science (Honours) in Information Technology (BSc(Hons))

CRICOS code: 046619G

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

This course provides the opportunity for students to develop research skills, and provides greater breadth and depth in a specific area of information technology.

The honours program in IT prepares students to be active players in the knowledge economy. The course provides the research skills needed to create knowledge, a much harder and more rewarding task than simply using the knowledge created by other people. Students experience the satisfaction of creating links between the world of cutting-edge knowledge and the IT industry.

Course aims

The honours program aims to provide students:

- with a sound research methodology
- for the in-depth study of particular topics in information technology
- with the experience of undertaking a research-oriented project
- with a basis for postgraduate research or a career in industrial research and development.

Career options

This course prepares graduates for a leading role in industry-relevant

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

Students within the Faculty of Engineering and Information Technology at UTS who are eligible to graduate from any undergraduate degree in information technology may apply for the Bachelor of Science (Honours) in Information Technology. The admission requirement is a weighted average mark of 65 per cent or higher, normally with no recorded failures in the core subjects after the first year (full time) or stages 1 and 2 (part time) of the undergraduate degree.

Students from another faculty in the University, or from another university, with qualifications equivalent to the Bachelor of Science in Information Technology (C10148) (see page 193) are considered for entry, subject to approval by the honours program leader, on the basis of their potential to complete the honours degree.

Students can enrol without having organised a supervisor, but must find one by the end of week 2 of their first semester. Students are

strongly advised to find a potential supervisor during their final undergraduate semester (or sometime before the application deadline for external students).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.0 overall with a writing score of 6.0; or TOEFL: paper based: 500-549 overall with TWE of 4.5, internet based: 60-78 overall with a writing score of 21; or DEEP: C; or PTE: 50-57; or CAE: 52-57

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Most students come from an undergraduate program in IT at UTS, so they are familiar with the three basic topic areas in IT: software engineering, data communications and project management.

Course duration and attendance

The honours program is offered over one year of full-time or two years of part-time study.

Course structure

The honours degree consists of research and advanced coursework.

The research component is spread over the entire course. In the first semester (full time), students undertake a research methods subject and review the research literature in their chosen area; in the second semester (full time), students undertake a formal research project in their chosen area.

Part-time students should undertake the project subjects in the second year of the program.

Any UTS: Information Technology master's-level subject may be taken by an IT honours student, subject to prerequisites and availability. If it aligns with their research, IT honours students may take advancedlevel undergraduate electives or electives from other faculties, with the permission of the course coordinator.

Course completion requirements

32931	Technology Research Methods	6ср
31482	Honours Project	12cp
CBK90304	Electives	24cp
32144	Technology Research Preparation	6cp
		Total 48cp

Course program

The example program below is for a student commencing in Autumn semester and undertaking the course full time.

Note: Subjects listed as electives are only offered in a particular semester (or year) if there is sufficient demand and the necessary resources

Full time

Year 1

Autumn semester

32144 32931	Technology Research Preparation Technology Research Methods	6ср 6ср
Select 12 credit points of electives		12cp
Spring s	semester	
31482	Honours Project	12cp
Select 12	2 credit points of electives	12cp

Part time

Year 1		
Autumn s	emester	
32144	Technology Research Preparation	6ср
Select 6 credit points of electives		6ср
Spring se	mester	
32931	Technology Research Methods	6ср
Select 6 credit points of electives		6ср

Year 2

Autumn semester

Select 12 credit points of electives 12cp Spring semester 31482 Honours Project

12cp

Other information

Further information is available from:

Building 10 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C09020v6 Bachelor of Science (Honours) in Mathematics

Award(s): Bachelor of Science (Honours) in Mathematics (BSc(Hons))

CRICOS code: 017876G

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The honours course offers basic training in research and introduces students to advanced studies in the mathematical sciences.

Students who complete the honours degree are well prepared to enter the workforce at a high level or to undertake graduate studies.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

Students who are eligible to graduate from the Bachelor of Science (Mathematics major) with an average mark of 65 per cent or more in Year 2 (full time) in their core subjects and chosen major are eligible for entry to the honours degree.

Students who have obtained qualifications equivalent to the Bachelor $\,$ of Science in Mathematics (C09020) (see page 112) degree are, upon application, considered for entry by the head of the School of Mathematical Sciences on the basis of assessed potential to complete the honours degree.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional

Course duration and attendance

The course is offered on a one-year, full-time or two-year, part-time

Course structure

The honours program requires the completion of subjects totalling 48 credit points.

Course completion requirements

35493	Thesis (Mathematics) Honours Part A	12cp
35494	Thesis (Mathematics) Honours Part B	12cp
CBK90820	Electives	24cp
		Total 48cp

Course program

The course commences in either Autumn or Spring semester. The program shown assumes full-time attendance. Not all subjects may be available.

Undergraduate courses

Year 1

Διι	tumi	1 SAM	ester
Au	tuiii	1 2011	ICSICI

35493	Thesis (Mathematics) Honours Part A		12cp
Select 12 c 35457 35472 35473 35466	redit points from the following options: Multivariate Statistics Honours Seminar 1 Honours Seminar 2 Advanced Stochastic Processes	6cp 6cp 6cp 6cp	12cp
Spring ser 35494	mester Thesis (Mathematics) Honours Part B		12ср
Select 12 credit points from the following options: 35322 Advanced Analysis 6cp 35474 Honours Seminar 3 6cp 35475 Honours Seminar 4 6cp		12cp	

Other information

Further information is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C09021v6 Bachelor of Mathematics and Finance (Honours)

Award(s): Bachelor of Mathematics and Finance (Honours)

(BMathFin(Hons)) CRICOS code: 017875J

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The honours course offers basic training in research and introduces advanced areas of study in mathematics and finance.

Honours degree graduates are particularly sought after and their skills enable them to compete for high entry-level jobs in the banking sector.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

Students who are eligible to graduate from the Bachelor of Mathematics and Finance (C10155) (see page 199) with an average mark of 65 per cent or more over all subjects in Years 2 and 3 (full time) are eligible for entry to the honours degree, subject to the approval of the head of the School of Mathematical Sciences and the head of the School of Finance and Economics.

Students who have obtained qualifications equivalent to the Bachelor of Mathematics and Finance degree are considered for entry, upon application, by the heads of the participating department and school on the basis of their assessed potential to complete the honours degree.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a one-year, full-time basis.

Course structure

The honours course requires completion of subjects comprising 48 credit points, consisting of advanced coursework subjects in mathematics, statistics and finance, together with a substantial project.

The project involves a major investigation of some area of finance and provides students with the opportunity to apply the skills developed in their coursework.

Course completion requirements

25921	Theory of Financial Decision Making		6ср
35457	Multivariate Statistics		6ср
35466	Advanced Stochastic Processes		6ср
35476	Thesis: Mathematics and Finance (Hons) A		6ср
35477	Thesis: Mathematics and Finance (Hons) B		6ср
35322	Advanced Analysis		6ср
Select 12 c	redit points from the following options:		12cp
25728	Bond Portfolio Management	6ср	•
25729	Applied Portfolio Management	6ср	
25923	Derivative Security Pricing	6ср	
	. 0	Total	48cp

Course program

The course commences in Autumn semester. An example program is shown below.

Year 1

25021

Autumn semester

23921	Theory of Financial Decision Making	ocp
35476	Thesis: Mathematics and Finance (Hons) A	6ср
35457	Multivariate Statistics	6ср
35466	Advanced Stochastic Processes	6ср
Spring s	semester	
35477	Thesis: Mathematics and Finance (Hons) B	6ср
35322	Advanced Analysis	6cn

35322	Advanced Analysis		ьср
Select 12 c	redit points from the following options:		12cp
25728	Bond Portfolio Management	6ср	-
25729	Applied Portfolio Management	6ср	
25923	Derivative Security Pricing	6ср	

Theory of Einensial Desision Malsine

Other information

Further information is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C09022v3 Bachelor of Biotechnology (Honours)

Award(s): Bachelor of Biotechnology (Honours) (BBiotech(Hons))

CRICOS code: 043283F

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The honours degree offers basic training in research and introduces advanced areas of study in biotechnology.

This course provides students with a unique opportunity to undertake original research and gain in-depth knowledge in a particular field of biotechnology. Honours students have access to staff that are leading researchers and experts in their field. Undertaking an honours course allows students to explore their research potential and develop research skills. Honours also provides a pathway for students interested in pursuing postgraduate studies at masters and PhD level, and enhances graduate's career and study options.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

The honours program is open to students who have attained at least a credit average over the final third of the undergraduate program.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full time duration. Students can extend their courses only in exceptional

Course duration and attendance

The course is offered on a one-year, full-time basis.

Course structure

The major component of the course is a research project that extends over the full duration of the course and normally takes the form of an experimental or analytical investigation, undertaken in the laboratory or the field.

Candidates may also be required to undertake one or more critical reviews of the scientific literature in designated areas and to attend formal classes devoted to advanced coursework.

The results of the project are presented in an oral seminar and in a written thesis, both of which are formally assessed.

Course completion requirements

Honours FT (Medical and Molecular 91103

Bioscience) 1 91104

24cp Honours FT (Medical and Molecular

Bioscience) 2

Total 48cp

24cp

Course program

The course commences in Autumn semester. The course program is shown below.

Year 1

Autumn semester

91103 Honours FT (Medical and Molecular

Bioscience) 1 24cp

Spring semester

Honours FT (Medical and Molecular 91104

Bioscience) 2 24cp

Other information

Further information is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C09023v3 Bachelor of Science (Honours) in Biomedical Science

Award(s): Bachelor of Science (Honours) in Biomedical Science

(BSc(Hons))

CRICOS code: 043284E

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The honours course offers basic training in research and introduces advanced areas of study in biomedical science.

This course provides students with a unique opportunity to undertake original research and gain in-depth knowledge in a particular field of biomedical science. Honours students have access to staff that are leading researchers and experts in their field. Undertaking an honours course allows students to explore their research potential and develop research skills. Honours also provides a pathway for students interested in pursuing postgraduate studies at masters and PhD level, and enhances graduate's career and study options.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

The honours program is open to students who have attained at least a credit average over the final third of the undergraduate program.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional

Course duration and attendance

The course is offered on a one-year, full-time basis.

Course structure

The major component of the course is a research project that extends over the full duration of the course and normally takes the form of an experimental or analytical investigation, undertaken either in the laboratory or the field. Candidates may also be required to undertake one or more critical reviews of the scientific literature in designated areas and to attend formal classes devoted to advanced coursework. The results of the project are presented in an oral seminar and in a written thesis, both of which are formally assessed.

Course completion requirements

Honours FT (Medical and Molecular 91103 Bioscience) 1 24cp 91104 Honours FT (Medical and Molecular Bioscience) 2 24cp Total 48cp

Course program

The course commences in Autumn semester. The course program is shown below.

Year 1

Autumn semester

91103 Honours FT (Medical and Molecular Bioscience) 1

Spring semester

91104 Honours FT (Medical and Molecular

Bioscience) 2 24cp

24cp

Other information

Further information is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C09026v3 Bachelor of Science (Honours) in Applied Chemistry

Award(s): Bachelor of Science (Honours) in Applied Chemistry (BSc(Hons)) CRICOS code: 040707M

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The honours degree offers basic training in research and introduces advanced areas of study in applied chemistry.

This degree in applied chemistry provides students with an opportunity to get involved in a research program in an area that interests them, as well as providing training in research techniques and experience with modern research instrumentation. The honours program adds a new dimension to the skills students have acquired during their undergraduate years and enhances their immediate employment prospects and future career potential. An honours degree can lead into a postgraduate research degree.

Career options

Career options include developer, production manager, researcher, safety officer and sales manager in drug, food, industrial chemical and process industries, metal and alloy, paint and plastic.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

The honours program is open to students who have attained at least a credit average over the final third of the undergraduate program.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances

Course duration and attendance

The course is offered on a one-year, full-time basis.

Course structure

The major component of the course is a research project that extends over the full duration of the course and normally takes the form of an experimental or analytical investigation, undertaken in the laboratory or the field. Candidates may also be required to undertake one or more critical reviews of the scientific literature in designated areas and to attend formal classes devoted to advanced coursework. The results of the project are presented in an oral seminar and in a written thesis, both of which are formally assessed.

Course completion requirements

65861	Honours (Chemistry) 1	24cp
65862	Honours (Chemistry) 2	24cp
	· ·	Total 48cp

Course program

The course commences in Autumn semester. An example program is shown below.

Year 1

Autumn semester

65861 Honours (Chemistry) 1 24cp

Spring semester

Honours (Chemistry) 2 65862 24cp

Other information

Further information is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C09029v3 Bachelor of Science (Honours) in Environmental Science

Award(s): Bachelor of Science (Honours) in Environmental Science (BSc(Hons))

CRICOS code: 022683G

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The honours course offers training in research and introduces advanced areas of study in a range of fields in environmental science including marine biology, environmental forensics and environmental

Career options

There is a broad range of career options including professional environmental scientist or consultant, environmental and resource management, communications and media, National Parks ranger, and academic scientist.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

The honours program is open to students who have attained at least a credit average over the final third of the undergraduate program.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances

Course duration and attendance

This program is offered on a one-year, full-time basis.

Course structure

The major component of the course is a research project that extends over the full duration of the course and normally takes the form of an experimental or analytical investigation, undertaken either in the laboratory or the field. Candidates may also be required to undertake one or more critical reviews of the scientific literature in designated areas and to attend formal classes devoted to advanced coursework. The results of the project are presented in an oral seminar and in a written thesis, both of which are formally assessed.

Course completion requirements

91105	Honours FT (Environmental Science) 1	24cp
91106	Honours FT (Environmental Science) 2	24cp
	, , , , , , , , , , , , , , , , , , , ,	Total 48cp

Course program

The course commences in Autumn semester. An example program is shown below.

Year 1

Autumn semester

Honours FT (Environmental Science) 1 24cp

Spring semester

91106 Honours FT (Environmental Science) 2 24cp

Other information

Further information is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C09031v3 Bachelor of Medical Science (Honours)

Award(s): Bachelor of Medical Science (Honours) [BMedSc(Hons)]

CRICOS code: 040706A

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The honours course offers basic training in research and introduces advanced areas of study in medical science.

This course provides students with a unique opportunity to undertake original research and gain in-depth knowledge in a particular field of medical science. Honours students have access to staff that are leading researchers and experts in their field. Undertaking an honours course allows students to explore their research potential and develop research skills. Honours also provides a pathway for students interested in pursuing postgraduate studies at masters and PhD level, and enhances graduate's career and study options.

Career options

Career options include medical researcher, scientist or health-related professional in organisations such as hospitals, medical research institutes, pathology laboratories and universities, and in industries dealing with biochemicals, biotechnology and pharmaceuticals.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

The honours program is open to students who have attained at least a credit average over the final third of the undergraduate program.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a one-year, full-time basis.

Course structure

The major component of the course is a research project that extends over the full duration of the course and normally takes the form of an experimental or analytical investigation, undertaken either in the laboratory or the field. Candidates may also be required to undertake one or more critical reviews of the scientific literature in designated areas and to attend formal classes devoted to advanced coursework. The results of the project are presented in an oral seminar and in a written thesis, both of which are formally assessed.

Course completion requirements

91103 Honours FT (Medical and Molecular

Bioscience) 1

Honours FT (Medical and Molecular

Bioscience) 2

24cp Total 48cp

24cp

Course program

The course commences in Autumn semester. An example program is shown below.

Year 1

Autumn semester

91103 Honours FT (Medical and Molecular

Bioscience) 1

24cp

Spring semester

91104 Honours FT (Medical and Molecular

Bioscience) 2

24cp

Other information

Further information is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C09035v4 Bachelor of Science (Honours) in Applied Physics

 $Award(s): Bachelor\ of\ Science\ (Honours)\ in\ Applied\ Physics\ (BSc(Hons))$

CRICOS code: 040708K

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The honours degree is a one-year, full-time program undertaken following the completion of the pass degree. The main component of the course is a research project conducted within one of the UTS research groups, or jointly with an external organisation.

The course prepares students in aspects of planning and executing a research program to address a specific scientific or technological problem. In addition, two coursework subjects provide detailed knowledge in several areas of contemporary significance in physics and nanotechnology.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

The honours program is open to students who have attained at least a credit average over the final third of the undergraduate program.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a one-year, full-time basis.

Course structure

The honours program consists of two 18-credit-point research subjects and two 6-credit-point advanced coursework subjects. The two research subjects, one taken in each semester, combine to form a single research project that consists of a literature review, development and enunciation of a research plan, and hands-on research work. The two coursework subjects are separate subjects.

91104

6cp

Course completion requirements

68001	Advanced Physics	6ср
68002	Advanced Nanomaterials	6ср
68005	Physics Honours Research 1	18cp
68006	Physics Honours Research 2	18cp
	,	Total 48cp

Course program

The course commences in Autumn semester. The course program is shown below.

Year 1

Autumn semester

68001	Advanced Physics	6ср
68005	Physics Honours Research 1	18ср
Spring sen	,	тоср

68002 Advanced Nanomaterials 6cp 68006 Physics Honours Research 2 18cp

Other information

Further information is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C09046v2 Bachelor of Science (Honours) in Nanotechnology

Award(s): Bachelor of Science (Honours) in Nanotechnology (BSc(Hons))

CRICOS code: 059184M

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The honours degree is a one-year, full-time program undertaken following the completion of the pass degree. The main component of the course is a research project conducted within one of the UTS research groups, or jointly with an external organisation.

This course prepares students in aspects of planning and executing a research program to address a specific scientific or technological problem. In addition, two coursework subjects provide detailed knowledge in specific components of nanoscience and nanotechnology.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

The honours program is open to students who have attained at least a credit average over the final third of an undergraduate program in nanotechnology or other appropriate science degrees.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a one-year, full-time basis.

Course structure

The honours program consists of two 18-credit-point research subjects and two 6-credit-point advanced coursework subjects. The two research subjects, one taken in each semester, combine to form a single research project that consists of a literature review, development and

enunciation of a research plan, and hands-on research work. The two coursework subjects are separate subjects.

Course completion requirements

68001	Advanced Physics	6ср
68002	Advanced Nanomaterials	6cp
68003	Nanotechnology Honours Research 1	18cp
68004	Nanotechnology Honours Research 2	18cp
	5,	Total 48cp

Course program

The course commences in Autumn semester. The course program is shown below.

Year 1

68001

Autumn semester

68003	Nanotechnology Honours Research 1	18cp
Spring s	emester	
68002	Advanced Nanomaterials	6ср
68004	Nanotechnology Honours Research 2	18cp

Other information

Further information is available from:

Advanced Physics

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C09048v2 Bachelor of Design (Honours) in Architecture

Award(s): Bachelor of Design (Honours) in Architecture (BDesign(Hons))

CRICOS code: 044180E

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The Bachelor of Design (Honours) in Architecture offers graduates of the Bachelor of Design in Architecture (C10004) (see page 125) the opportunity to pursue advanced work in subject areas related to architecture and prepares them for postgraduate research.

This course allows students to work at a higher level of academic study. It also allows study in a relevant area of student interest.

Career options

Career options include architect (after completion of the Master of Architecture), urban designer, landscape architect, administrator, policy maker, researcher, educator, or journalist.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

An appropriate first degree can include the UTS Bachelor of Design in Architecture (C10004) (see page 125). The following requirements also apply:

- applicants must have a credit average or better at level 2 of the Bachelor of Design in Architecture (or equivalent from another university)
- the feasibility of the proposed project must be demonstrated by a two-three page description of the thesis proposed including an account of the methods to be employed in completing the project
- applicants must be able to demonstrate an understanding of what is involved in undertaking the research for the project in the proposed area of study
- the availability of staff for supervision as indicated in a signed statement by a potential supervisor.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered full time only, over two semesters. The maximum time taken to complete the course is three semesters.

Course structure

Students complete 48 credit points, comprising one 12-credit-point coursework subject, one 12-credit-point preparatory honours thesis subject and one 24-credit-point honours thesis.

Students must complete a coursework subject, conducted in the first half of first semester, devoted to research methods, information retrieval skills and the initial development of their thesis proposal. Students then spend the remainder of the first semester and the whole of second semester producing, under the direction of a specific supervisor, a thesis relevant to their academic, professional and/or creative agenda. The thesis is based on their original work informed by theoretical study and independent research.

The final level of honours achieved is determined by a weighted calculation of the three components of the honours course:

- pass in subject Research Methods (required for obtaining any level of honours)
- honours thesis preparatory mark (35 per cent)
- honours thesis mark (65 per cent).

The level of honours degree awarded is dependent on the student's final percentage mark for the course:

- honours first class (85-100 per cent)
- honours second class (division 1) (75-84 per cent)
- honours second class (division 2) (65-74 per cent)
- honours third class (50-64 per cent)
- fail (less than 50 per cent).

Course completion requirements

11391	Research Methods, Information Retrieval	
	and Project Proposal	12cp
11392	Honours Thesis: Preparatory	12cp
11393	Honours Thesis	24cp
		Total 48cp

Course program

The example program below is for a full-time student completing the Bachelor of Design in Architecture commencing in Autumn semester, followed by the Bachelor of Design (Honours) in Architecture.

Year 1

Autumn semester

11391	Research Methods, Information Retrieval	
	and Project Proposal	12cp
11392	Honours Thesis: Preparatory	12cp
Spring s	emester	
11393	Honours Thesis	24cp

Other information

Further information is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

C09050v1 Bachelor of Forensic Science (Honours) in Applied Chemistry

Award(s): Bachelor of Forensic Science (Honours) in Applied Chemistry (BForSc(Hons))

CRICOS code: 061247E

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

In this honours course, students gain direct training in the skills required for undertaking research in forensic science as well as further developing their investigative and communication skills in the forensic science context.

The course offers the opportunity for students to undertake a research project within one of the research groups at UTS or collaboratively with an external organisation.

Course aims

This course aims to produce professional forensic scientists and chemists with highly adaptable and practical scientific skills and to develop critical thinking, communication and research skills.

Career options

Career options include positions in the police service or other government forensic services, in drug detection, environmental chemistry, private investigation, and state and federal law enforcement agencies.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

The honours program is open to students who have attained at least a credit average over the final third of the undergraduate program in the Bachelor of Forensic Science in Applied Chemistry (C10244) (see page 251) or other appropriate science degrees.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a one-year, full-time basis.

Course structure

The course comprises 48 credit points of study, consisting of two academic stages. The major component of the course (75 per cent) is a research project that extends over the full duration of the course and normally takes the form of an experimental investigation. The project is undertaken within one of the research groups at UTS in an area of forensic science. Projects may also be undertaken in collaboration with an external partner. Projects are chosen by the student, although first preferences cannot always be accommodated. As part of the project, students undertake a critical review of the existing literature in their research area and develop a research plan for the year. The results of the project are presented in an oral seminar and in a written thesis, both of which are formally assessed. The remaining 25 per cent is coursework.

Course completion requirements

65743	Complex Forensic Cases (Chemistry)	6ср
65863	Expert Evidence Presentation	6cp
65864	Honours (Forensic Science) 1	18cp
65865	Honours (Forensic Science) 2	18cp
		Total 48cp

Course program

The course commences in Autumn semester. An example program is shown below.

Autumn semester

65743	Complex Forensic Cases (Chemistry)	6ср
65864	Honours (Forensic Science) 1	18cp
Spring s	emester	

65863

Expert Evidence Presentation 6ср 65865 Honours (Forensic Science) 2 18cp

Professional recognition

Graduates from this course are eligible to become members of the Royal Australian Chemical Institute and the Australian and New Zealand Forensic Science Society.

Other information

Further information is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C09051v1 Bachelor of Midwifery (Honours)

Award(s): Bachelor of Midwifery (Honours) (BMid(Hons))

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Note(s)

This course is not offered to international students.

Overview

This course provides the opportunity for eligible graduates of the Bachelor of Midwifery (C10225) (see page 230) to extend their skills and understanding of the research process. It emphasises the reciprocal relationship between nursing research and the contexts of midwifery practice.

This course provides Bachelor of Midwifery graduates with the opportunity to develop training in clinically focused research. The course deepens students' understanding of the importance of research in midwifery

Course aims

The purpose of the course is to enable graduate midwives to conduct research relevant to midwifery in any of its dimensions. It aims to develop students' skills in using research designs and methodologies, and to reinforce their understanding of the crucial role of research in the evolution of the discipline of midwifery. Students also develop academic writing skills to produce a dissertation.

Career options

Career options that graduates may undertake include registered midwife in a clinical specialty supported by their research project work, such as antenatal care, or prepare for roles such as midwife educator or manager. However, graduates are also well-prepared to undertake postgraduate research degrees or begin a career as a researcher.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

All applicants must be eligible to graduate from the UTS Bachelor of Midwifery or another tertiary institution at the time of application (followed by successful completion). Applicants must be registered as a midwife in their country of citizenship or residence at the time of enrolment (in exceptional circumstances, exemptions to this rule may be sought from the Bachelor (Honours) Selection Committee).

All applicants must have completed at least one research subject (as approved by the Bachelor (Honours) Selection Committee) with a credit grade and have a weighted average mark or grade point average of credit or higher for their bachelor's degree. Applicants are admitted to the honours course only if appropriately qualified academic members of UTS: Health are available for supervision of the dissertation component.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course may be completed in one year of full-time or two years of part-time study.

Course structure

The course comprises a total of 48 credit points. Students complete two 6-credit-point subjects and a 36-credit-point thesis.

Course completion requirements

92972	Health Care Research Methodology	6ср
Select one	of the following:	6ср
92973		6ср
92974	Investigating Health Care Change	6ср
92265	Midwifery Honours Dissertation 1	18cp
92266	Midwifery Honours Dissertation 2	18cp
	•	Total 48cp

Other information

Further information is available from:

Research administration officer

telephone +61 2 9514 4834

email NMHResearch.StudentsAdmin@uts.edu.au

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.nmh.uts.edu.au

C09052v1 Bachelor of Design (Honours) in Photography and Situated Media

Award(s): Bachelor of Design (Honours) in Photography and Situated

Media (BDesign(Hons))

CRICOS code: 068111J

Commonwealth-supported place?: Yes

Load credit points: 48

Course EFTSL: 1

Location: City campus

Note(s)

This course has its first intake of students in 2013.

Overview

The Bachelor of Design in Photography and Situated Media (C10265) (see page 280) explores both traditional photographic practice and more contemporary uses for urban media, such as exhibitions and installations. The degree has a strong emphasis on the relationship between digital photography and its purpose in an environmental situation, focusing on city and urban issues of media placement.

This course not only recognises the technological change brought about by digital advances in photography, but responds to actual and potential directions in which technological change impacts upon photography, the production of imagery and their applications in the real and virtual worlds.

Accordingly, the course balances practical skills with theoretical underpinnings, ethics and creative speculation. All studio subjects are giving students the capacity to handle the expectations of professional life.

The honours year allows research exploration through an independent project.

Course aims

This degree equips graduates with the ability to engage in the broad scope of photographic careers. Students graduate with skills of self-reflection in their practice, critical engagement with and responses to social and cultural issues, and a broad understanding of research practices. Students also gain an understanding of new technologies for image and sound production, and new ways of approaching media in the environment.

Career options

Career options include employment or self-employment in traditional commercial photography, exhibition media, photographic lighting, photographic technical and digital workflow practice, photojournalism, installation and interactive media and advertising.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

Applicants require a weighted average mark of 70 across the three years of the Bachelor of Design in Photography and Situated Media (C10265) (see page 280).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a one-year, full-time basis.

Course structure

This course totals 48 credit points made up of four 12-credit-point subjects.

Course completion requirements

80030	Research Methods	12cp
80029	Independent Project: Conceptual Development	t 12cp
80028	Independent Project: Designed Outcome	12cp
80041	Dissertation	12cp
	Т	Total 48cp

Course program

The course program is shown below.

Year 1

Autumn semester

80030	Research Methods	12cp
80029	Independent Project: Conceptual Development	12cp
Spring se	mester	
80041	Dissertation	12cp
80028	Independent Project: Designed Outcome	12cn

Other information

Further information is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

C09055v1 Bachelor of Design (Honours) in Interior and Spatial Design

Award(s): Bachelor of Design (Honours) in Interior and Spatial Design (BDesign(Hons))

CRICOS code: 071630D

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1

Overview

With a strong emphasis on creativity and technology, the Bachelor of Design (Honours) in Interior and Spatial Design is the first university program of its kind in Australia. While interior design is an established profession, spatial design encompasses a range of connected practices that engage directly and creatively with space, from designing an exhibition to art directing a performance. This honours course allows students to critically research and develop an interior and spatial design project.

The course enhances employability through the development of a portfolio. This course allows students to develop skills in a specialised area, such as performative space, commercial interiors or residential interiors design.

Uniquely, this course emphasises digital technologies of representation and fabrication, internationalisation and design practice.

Course aims

This course uses project-based learning to allow students to develop a focused portfolio. Through their study, students develop spatial intelligence and excellence in design practice. The program fosters a creative and explorative attitude toward the design process, underpinned by a reflective and critical engagement. In doing so, students generate a cohesive design approach where research and practice are consolidated in design outcomes.

The course cultivates a collaborative and global vision of design through a variety of interdisciplinary subjects, industry projects and international studios. Students develop the flexibility and confidence to work in the divergent and novel environments of contemporary practice.

The course has

- an emphasis on creative, innovative spatial practice and international networks
- practice-oriented and research-integrated learning regarding specific projects
- engagement with innovative and creative technologies
- an emphasis on emerging design practices
- close links with creative practitioners.

Students are expected to develop an understanding of their individual design language and theoretical position in relation to historic and contemporary contexts.

Career options

Career options include commercial and residential interior design, interactive and responsive environment design, museum and exhibition design, production design for film and television, theatre and performance design, and visual and spatial branding.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

Applicants require a weighted average mark of 72.5 across the three years of the Bachelor of Design in Interior and Spatial Design (C10271) (see page 284).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian

student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a one-year, full-time basis. There are generally up to 15 contact hours a week. Lectures and studios are on campus during semester. Semesters are focused on design studios that incorporate advanced communication and technology skills with innovative design thinking and practice.

Course structure

Students must complete 48 credit points of honours subjects.

Course completion requirements

STM90725 Core subjects

48cp Total 48cp

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

C09056v1 Bachelor of Design (Honours) in Animation

Award(s): Bachelor of Design (Honours) in Animation (BDesign(Hons)) CRICOS code: 074705K

Commonwealth-supported place?: Yes

Load credit points: 48

Course EFTSL: 1

Overview

This course offers a practice-based approach to learning animation and places strong emphasis on two key concepts: dramatisation (including performance and character) and VFX (visual effects) design. It teaches students how to conceptualise, visualise and realise animation across many different types of media. Central to the course is the development of conceptual understanding of performance, narrative, characterisation, form, motion, time, space and aesthetics.

This course has a strong emphasis on drawing and image-making, dramatisation, physical movement and expression, teaching a full range of animation techniques and skills in industry-standard facilities.

Through a variety of interdisciplinary subjects, industry-focused projects and international studios, students develop the flexibility and confidence to work in the diverse environments of contemporary practice.

The course focuses on a set of animation studios that concentrate student learning through design projects. The animation studios integrate practice-oriented learning that allows time for a high level of individual presentation and in-depth consultation, complemented by a series of related context subjects that spans drawing and 2D animation practices to 3D and 2D digital practices.

The honours year allows exploration through the completion of an independent animated film/project.

Course aims

The course gives students skills and an outlook that extends beyond the university, and cultivates a collaborative and global vision of design. As part of the ongoing development of key industry innovators, the course aims to create new approaches to 2D and 3D animation and VFX design, enabling graduates to better develop, adapt and respond to a range of creative partnerships and collaborations.

Students develop an understanding of their individual design language and theoretical position in relation to historic and contemporary contexts.

Career options

The course opens up animation careers in film, television, and online and mobile application design. Options include: director, producer, storyboard artist, previsualisation (previs) artist, layout artist, concept artist, production designer, art director, character

designer, animator, modeller, rigger, motion capture designer, lighting designer, matchmover/3D tracker, effects (FX) animator, roto designer, compositor, stop frame model animator (claymation), and animation scriptwriter.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a one-year, full-time basis.

Course completion requirements

STM90747 Core subjects 48cp Total 48cp

Year 1

Autumn semester

82710 Animation Studio: Advanced Animation
Practice 12cp
82711 Animation Studio: Animation Project
Pre-production 12cp

Spring semester

82800 Animation Studio: Animation
Project/Production 24cp

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

C09057v1 Bachelor of Human Movement (Honours)

Award(s): Bachelor of Human Movement (Honours) (BHM(Hons))

CRICOS code: 043289M

Commonwealth-supported place?: Yes

Load credit points: 48

Course EFTSL: 1

Location: Kuring-gai campus

Overview

The honours program is designed to provide students with the resources to further develop and apply their research skills and to pursue special areas of interest in depth.

Course aims

The honours program aims to develop, at an advanced undergraduate level, knowledge of human movement through research; facilitate the completion of a substantive research thesis which focuses on theory, applied/professional issues or some combination of these; provide a direct pathway to graduate-level study; and make contributions to knowledge in the field of human movement.

Career options

Career options include exercise therapy and teaching of personal development, facility management, fitness and corporate health, health, physical education and outdoor education, health promotion, sports coaching, sports development, sports management, sports science and team conditioning.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

Applicants should have successfully completed the Bachelor of Human Movement (C10300) (see page 288), with a credit average or better in the final two full-time semesters.

Graduates from other institutions who have completed a comparable course and who meet the academic criteria are also considered for admission. In exceptional cases, consideration is given to applicants who have completed the Bachelor of Management in Leisure and Events (C10039) (see page 135), the Bachelor of Management in Sport and Exercise (C10301) (see page 289), the Bachelor of Management in Tourism (C10040) (see page 136) or the Bachelor of Human Movement (C10300) (see page 288) at pass level. In such cases, outstanding professional achievements are taken into account.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The honours component is normally completed in one year of full-time or two years of part-time study. It is offered only at Kuring-gai campus.

Course structure

All students must complete three coursework subjects, each worth 6 credit points, and a major thesis of 30 credit points, totalling 48 credit points. The precise nature of each student's program is determined in consultation with the honours course coordinator, with the aim of choosing those subjects that will facilitate completion of the honours research thesis.

In choosing electives, students may:

- substitute subject Readings for Thesis with an elective subject with the approval of the course coordinator
- complete both elective subjects in the first semester
- choose other senior undergraduate-level subjects with the approval of the course coordinator; these subjects may be taken from within UTS: Health or elsewhere in the University.

Course completion requirements

92054	Research and Statistics for Sport and Exercise	e 6cp
92055	Sport and Exercise Science Honours	
	Dissertation 1	18cp
92056	Sport and Exercise Science Honours	-
	Dissertation 2	24cp
		Total 48cp

Other information

Further information is available from:

Research administration officer

telephone +61 2 9514 4834

 $email\ NMHR es earch. Students Admin@uts.edu. au$

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.nmh.uts.edu.au

C09058v1 Bachelor of Management (Honours) in Sport and Exercise

Award(s): Bachelor of Management (Honours) in Sport and Exercise (BM(Hons))

CRICOS code: 053395D

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1

Overview

The honours program is designed to provide students with the resources to further develop and apply their research skills and to pursue special areas of interest in depth.

Course aims

The honours program aims to develop, at an advanced undergraduate level, knowledge of sport and exercise management through research; facilitate the completion of a substantive research thesis which focuses on theory, applied / professional issues or some combination of these; provide a direct pathway to graduate-level study; and make contributions to knowledge in the field of sport and exercise management.

Career options

Career options include corporate health and fitness manager, events manager, health and fitness counsellor, sporting facility manager, sports coach, sports development officer, sports manager and sports marketer.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

Admission to the honours program is open to students who have successfully completed the Bachelor of Management in Sport and Exercise (C10301) (see page 289), with a credit average or better in the final two full-time semesters.

Graduates from other institutions who have completed a comparable course and who meet the academic criteria are also considered for admission.

In exceptional cases, consideration is given to applicants who have completed the Bachelor of Management in Sport and Exercise (C10301) (see page 289) at pass level. In such cases, outstanding professional achievements are taken into account.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The honours component is normally completed in one year of full-time or two years of part-time study. It is offered only at Kuring-gai campus.

Course structure

All students must complete three coursework subjects, each worth 6 credit points, and a major thesis of 30 credit points, totalling 48 credit points. The precise nature of each student's program is determined in consultation with the honours course coordinator, with the aim being to choose those subjects that facilitate completion of the honours research thesis.

In choosing electives, students may:

- substitute subjects Readings for Thesis with an elective subject with the approval of the course coordinator
- complete both elective subjects in the first semester
- choose other senior undergraduate-level subjects with the approval of the course coordinator; these subjects may be taken from within UTS: Health or elsewhere in the University.

Course completion requirements

92054 Research and Statistics for Sport and Exercise 6cp
92057 Sport and Exercise Management Honours
Dissertation 1 18cp
92058 Sport and Exercise Management Honours
Dissertation 2 24cp
Total 48cp

Other information

Further information is available from:

Research administration officer

telephone +61 2 9514 4834

email NMHResearch.StudentsAdmin@uts.edu.au

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.nmh.uts.edu.au

C09059v1 Bachelor of Design (Honours) in Integrated Product Design

Award(s): Bachelor of Design (Honours) in Integrated Product Design

(BDesign(Hons))

CRICOS code: 077332K

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Note(s)

The first intake for this course will be in 2016.

Overview

Integrated product design expands on the traditional field of industrial design to reflect the changed realities of the globalised design profession. The course offers a practice-based approach to learning through the integration of digital and analogue technologies across the broad field of integrated product design, as well as the potential for specialisation within highly contemporary and innovative integrated product design practices.

Structured around design studios, this dynamic course allows the development and realisation of major projects, as a professional design outcome. With a strong emphasis on creativity and technology, graduates move seamlessly from the design of material objects to the design of associated services together with the skills to maintain a specialist role within an interdisciplinary team.

Course aims

The Bachelor of Design in Integrated Product Design (Honours) centres on the integration of research and high-level design project engagement. This provides students with an opportunity to be challenged by high-level engagement with design, research and practice. Honours projects are managed by structuring technology-driven, practice-orientated and research-integrated learning.

Students explore design issues, learn and implement new strategies and combine theory and practice in the context of a rapidly changing technological and social environment. They are encouraged to develop intellectual independence and a research-driven methodology to product development that explores the boundaries of their profession.

Career options

Career options include corporate or in-house designer, design consultant, production manager, industrial designer, interaction designer, designer of smart objects, interactive product designer, system designer, furniture, product or accessories designer, design communication professional, design researcher, commercialisation professional.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a one-year, full-time or part-time equivalent basis.

Course completion requirements

STM90789 Core subjects (Honours)	24cp
CBK90874 Project options	24cp
•	Total 48cp

Course program

The typical course program is shown below.

Year 1

Autumn semester

84905	Design in the Wild	12cp
84902	Industrial Design Major Project: Research and	-
	Conceptualisation	12cp

Spring semester

Select 24	credit points from the following options:		24cp
84906	Professional Studio	12cp	_
84904	Integrated Product Design Major Project:	-	
	Realisation	12cp	
84900	Superstudio	24cp	

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

C09060v1 Bachelor of Design (Honours) in Fashion and Textiles

Award(s): Bachelor of Design (Honours) in Fashion and Textiles (BDesign(Hons))

CRICOS code: 077330A

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Note(s

The first intake for this course will be in 2016.

Overview

The Bachelor of Design in Fashion and Textiles has been designed to enable students to create pathways of learning as they progress through the degree with a flexible and diverse approach to learning. Emphasis throughout this practice-based course is placed on value, innovation, creativity and responsible practice. Students should develop flexibility and confidence in working in and across the diverse environments that constitute contemporary practice.

The course centres around design studios which integrate practiceorientated learning around specific projects, and parallel the process that professionals undertake in industry. The Honours year allows the development and realisation of major projects, as a professional design outcome.

123

Course aims

The course aims to produce graduates who aspire to the highest level of practice and are capable of adapting to the changing nature of the industry and research by developing creative solutions within the context of rapidly changing global fashion.

The course is designed to provide students with an outlook and ambition that extends beyond the university, cultivating a collaborative and global vision of design. The driving force of this course is critical and reflective design practice. It advances critical research skills and challenge students to question, analyse and redefine existing methodologies in fashion and textile practice.

Career options

Career options include buyer, fashion editor, fashion or textile designer, illustrator or stylist. Some students start their own business, while others work within an established company. Graduates may also continue studies at postgraduate level.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a one-year, full-time or part-time equivalent basis

Course completion requirements

83921	Research: Fashion and Textiles Dissertation	6ср
83922	Research: Professional Practice Identity	6ср
83923	Research: Fashion Concept Lab	12cp
83900	Research Realisation: Major Project	24cp
	, ,	Total 48cn

Course program

The typical course program is shown below.

Year 1

Autumn semester

Spring	omostor	
83923	Research: Fashion Concept Lab	12cp
83922	Research: Professional Practice Identity	6ср
83921	Research: Fashion and Textiles Dissertation	6ср

Spring semester 83900 Research Realisation: Major Project

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Other information

www.dab.uts.edu.au

C09061v1 Bachelor of Design (Honours) in Visual Communication

Award(s): Bachelor of Design (Honours) in Visual Communication

(BDesign(Hons)) CRICOS code: 077340K

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Note(s)

The first intake for this course will be in 2016.

Overview

The Bachelor of Design in Visual Communication (Honours) offers a practice-based approach to learning visual communication. Throughout the course, the creation of new design solutions is driven by rigorous and critical exploration of methods, materiality and technology, and understanding the influence of globalisation, digitisation, complexity and interactivity.

The course allows students to develop and realise major design projects, paralleling the process that professionals undertake in industry. It allows students to consolidate an understanding of their own individual design language and gives them advanced levels of analysis, self-direction, motivation and self-management.

Course aims

The Bachelor of Design in Visual Communication (Honours) centres on the integration of research and high-level design project engagement. This provides students with an opportunity to be challenged by high-level engagement with design, research and practice. Honours' projects are managed by structuring technology-driven, practice-orientated and research-integrated learning.

Students explore design issues, learn and implement new strategies and combine theory and practice in the context of a rapidly changing technological and social environment.

Career options

Career options include design roles in graphic design, publishing, advertising, animation, film, television, exhibitions, government agencies, not-for-profit and corporate sectors.

Admission requirements

Applicants must have completed a recognised Australian bachelor's degree in a relevant discipline at an appropriate level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

24cp

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a one-year, full-time basis. Students may study this program part time after consultation with the program director.

Course completion requirements

87931	VC Extensions A	6ср
87932	VC Extensions B	6cp
87933	Design Research: Visualising Research	12cp
87900	Design Research: Major Project VC	24cp
	, ,	Total 48cp

Course program

The typical course program is shown below.

Year 1

Autumn semester

Spring competer		
87933	Design Research: Visualising Research	12cp
87932	VC Extensions B	6ср
87931	VC Extensions A	6ср

87900 Design Research: Major Project VC 24cp

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

C10004v5 Bachelor of Design in **Architecture**

Award(s): Bachelor of Design in Architecture (BDes)

UAC code: 602010

CRICOS code: 044179J

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Note(s)

The Bachelor of Design in Architecture by itself does not lead to professional recognition as an architect. To become a professional architect, students must complete this degree followed by the Master of Architecture (C04235) (see page 353) (an additional two years of full-time study or equivalent).

Overview

The Bachelor of Design in Architecture is the first of two degrees needed to become an architect. Students wishing to qualify for professional recognition as architects must also complete the Master of Architecture (C04235) (see page 353). UTS architecture courses provide the skills and knowledge necessary to practise in the architectural profession and to be a future leader in the design of the built environment.

The Bachelor of Design in Architecture provides students with a rich education oriented towards international practice and design experimentation. Teaching is hands-on and undertaken in teams using the most innovative digital design and fabrication technologies available to the architectural profession in dedicated studios and workshops.

UTS students have the benefit of learning from a cohesive team who are passionate about architecture and engage with the discipline as practitioners, researchers, educators and critics.

The first year is undertaken full time, but in subsequent years students can enrol part time, making it possible to gain significant professional experience before graduation.

Course aims

This degree provides a liberal introduction to the study of architecture as a discipline. Students gain a critical and ethical awareness of architecture as a discipline with much to offer in the face of many of today's most pressing societal challenges. It equips students to join other design fields or related disciplines, and it prepares students for the Master of Architecture degree.

Career options

Career options include architect (after completion of the Master of Architecture), urban designer, landscape architect, administrator, policy maker, researcher, educator, or journalist.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

UTS: Design, Architecture and Building may consider applications based on the results of the Special Tertiary Admissions Test (STAT) if students lack academic qualifications but have extensive professional experience. The STAT is conducted through the $\hat{\text{Universities}}$ Admissions Centre.

 $The \, English \, proficiency \, requirement \, for \, international \, students \, or \, local \,$ applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional

Assumed knowledge

Mathematics and any two units of English.

Design and technology; visual arts; history and physics are recommended.

Course duration and attendance

The course duration is three years of full-time study (or equivalent). Year 1 is recommended to be taken in full-time mode.

Course structure

The course comprises a total of 144 credit points. The normal fulltime load is four 6-credit-point subjects a semester, totalling 48 credit points a year for three years.

Year 1 comprises four compulsory 6-credit-point subjects a semester. Years 2 and 3 comprise one 6-credit-point elective and three compulsory subjects a semester.

Course completion requirements

STM90375 Core subjects	120ср
CBK90284 Sub-major/Electives	24cp
,	Total 144cp

Course program

The subjects listed below represent the standard full-time course. Under certain circumstances, students may apply for exemptions from some subjects. The example program below is for a student commencing in Autumn semester and undertaking the course full time.

Architectural History and Theory: Orientations

Architectural Design: Forming

Year 1

11211

11212

Autumn semester

11205	Architecture Culture and Environment	6cp
11214	Architectural Design: Architectural	
	Communications	6ср
Spring se	emester	
11209	Architectural Design: Making	6ср
11216	Architectural History and Theory: Modernity	_
	and Modernism	6ср
11206	Introduction to Construction and Structural	-
	Synthesis	6ср
11208	Architectural Design: Architectural	
	Communications 2	6ср
Year 2		
Autumn	samastar.	
Autumn	semester	

Select 6 credit points of electives

11225

11221	Architectural Design: Strategy	6ср
11248	Architectural History and Theory: Urbanism	
11207	and the City Architectural Design and Construction	6ср 6ср
Select 6 c	redit points of electives	6ср
Spring se	1	оср
11222		6 cm
	Architectural History and Theory: Critique	6ср
11227	Architectural Design: Performance	6ср

Thermal Design and Environmental Control

6cp

6ср

6cp

6ср

Year 3

Autumn semester

11231	Architectural Design: Field	6ср
11232	Lighting, Acoustics and Advanced	
44000	Environmental Control	6cp
11233	Advanced Architectural Construction	6ср
Select 6 cr	edit points of electives	6ср
Spring semester		
11234	Architectural Design: Integration	6ср
11247	Architectural History and Theory: Current	-
	Events and Debates	6ср
11204	Integrated Services	6ср
Select 6 cr	edit points of electives	6ср

Honours

Further information about an honours qualification is available from the UTS Student Centre.

Further study at UTS

Students who have successfully completed this course may proceed to the Master of Architecture (C04235) (see page 353) as continuing students, provided they enrol in the next academic year after award of the degree, or seek leave of absence for no longer than one academic year after the award.

Other information

Further information is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

C10007v8 Bachelor of Property Economics

Award(s): Bachelor of Property Economics (BPropEc)

UAC code: 602033 CRICOS code: 000372E

Commonwealth-supported place?: Yes

Load credit points: 168 Course EFTSL: 3.5 Location: City campus

Overview

The Bachelor of Property Economics is a functional and practical degree that prepares graduates for careers in real estate, valuation, funds and asset management, and property development. It produces highly skilled property professionals able to enter the workforce with a qualification fully recognised and sought after by employers and professional and industry bodies.

Graduates are renowned among employers for their hands-on and diverse knowledge and professional skills. UTS: Design, Architecture and Building provides a flexible property education that gives students the opportunity to work in the industry, leading to a large majority of students already working in the property sector by their final year of study.

During the course, students have the opportunity to complete practical assignments, apply for property cadetships and employment, network with property professionals, and undertake international exchange programs in a highly stimulating learning environment.

Staff include industry-recognised experts in property-related areas such as the commercial property sector, property taxation, finance, valuation, urban planning and international real estate.

Course aims

The course equips graduates with an understanding of the legalities, principles and processes required to fill a professional role in this field, and an appreciation of a professional ethic that emphasises responsibility and responsiveness to community needs.

Career options

Career options include positions in corporate real estate, property analysis, property and asset management, property development, property finance, property research, property sales and acquisitions, real estate agency (sales/leasing), tenant advisory services and valuation

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

UTS: Design, Architecture and Building may consider applications based on the results of the Special Tertiary Admissions Test (STAT) if students lack academic qualifications but have extensive professional experience. The STAT is conducted through the Universities Admissions Centre.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics and any two units of English.

Credit recognition

Students with prior academic or industrial experience are considered for credit recognition and may be given the opportunity to tailor their program of study in line with subjects completed previously at other institutions.

Course duration and attendance

The course is offered on a three-and-a-half-year, full-time or equivalent part-time basis.

Course structure

The course comprises a total of 168 credit points.

Course completion requirements

CBK90242 Sub-major/Electives (DAB)	24cp
STM90374 Core subjects	144cp
,	Total 168cp

Course program

The example program below is for a student commencing in Autumn semester and undertaking the course full time.

Introduction to the Built Environment

Year 1

16468

Autumn semester

16467	Built Environment Law	6ср
16466	Built Environment Economics	6ср
16127	Building Technology	6cp
Spring se	emester	
16137	Digital Built Environment	6ср
16234	Valuation Methods	6ср
16266	Sustainable Urban Design and Development	6ср
16267	Property Title and Spatial Data Analysis	6ср

6ср

Year 2

Autumn semester

Autum	Addini Semester		
16238	Research Methods	6ср	
16233	Urban Planning Process	6cp	
16236	Property Cash Flow Analysis	6cp	
16235	Urban Économics	6cp	

and Building provides a flexible property education that gives students the opportunity to work in the industry, leading to a large majority of 6ср students already working in the property sector by their final year of 6ср study. Career options are also enhanced by international experience, 6cp making students more marketable to prospective employers. 6cp During the course, students have the opportunity to complete practicalassignments, apply for property cadetships and employment, network with property professionals, and undertake international exchange programs in a highly stimulating learning environment. 6ср UTS: Design, Architecture and Building staff include industryrecognised experts in property-related areas such as the commercial property sector, property taxation, finance, valuation, urban planning and international real estate.

Course aims

6cp

6ср

The course equips students with an understanding of the legalities, principles and processes required to fill a professional role in this field and an appreciation of a professional ethic that emphasises responsibility and responsiveness to community needs. It also develops perspectives and understandings that enable graduates to meet the demands of an internationalised professional environment.

Career options

Career options include asset and portfolio manager, auctioneer, business agent, consultant, land economist, property analyst, property developer, property manager, real estate agent, researcher, stock and station agent, strata manager and valuer.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Admission to the combined degree is on merit according to the admissions policy for the Bachelor of Property Economics (C10007) (see page 126).

There is a range of entry levels to the various language and culture programs. Students are admitted to the international studies program with no guarantee of entry to a specific major, although every effort is made to meet students' preferences.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

 $There \, are \, no \, prior \, language \, requirements \, for \, the \, international \, studies \,$ program (see page 87).

Credit recognition

Students with prior academic or industrial experience are considered for credit recognition, and may be given the opportunity to tailor their program of study in line with subjects completed previously at other institutions. Contact a UTS Student Centre for further information.

Course duration and attendance

The combined program is offered on a six-year, full-time basis. Students spend two semesters of study at a university or other higher education institution in the country of their major.

Course structure

Students are required to complete 264 credit points of study, comprising 168 credit points in property economics and 96 credit points in international studies.

The Bachelor of Arts in International Studies requires undergraduates to study a region or country major over a minimum of three years. The Bachelor of Arts in International Studies is not offered as a separate degree, but is completed only in combination with the professional degree program.

16331 Year 3

16332

16264

16232

16231

Autumn semester

Spring semester

16333	Statutory Valuation and Litigation	6cp
Select 6	credit points of electives	6ср
Spring s	emester	
16237	Property Taxation	6ср
16335	Advanced Valuation	6ср

Accounting and Business Management

Property and Political Economy

Property Management

Investment and Portfolio

Specialised Valuation

Year 4

16338

Autumn semester

Select 6 credit points of electives

16261	Development Management	6ср
Select 6	credit points of electives	6ср
Spring s	emester	
16469	Professional Practice	6ср
16345	Property Trusts and Funds	6ср
Select 6 credit points of electives		6ср

International Property Investment

Honours

Students who achieve a minimum of a 70 per cent weighted average mark in their first two levels of study may be invited to undertake the honours program. This is taken as specialised subjects, focusing on property research and analysis, an honours research proposal and a thesis.

Professional recognition

Australian Property Institute (API); Real Estate Institute of NSW (REI); Royal Institution of Chartered Surveyors (RICS); Singapore Institute of Surveyors and Valuers (SISV)

Other information

Further information is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

C10011v5 Bachelor of Property **Economics Bachelor of Arts in** International Studies

Award(s): Bachelor of Property Economics (BPropEc) Bachelor of Arts in International Studies (BA)

UAC code: 609200 CRICOS code: 026192F

Commonwealth-supported place?: Yes

Load credit points: 264 Course EFTSL: 5.5 Location: City campus

Overview

The Bachelor of Property Economics is a functional and practical degree that prepares graduates for careers in real estate, valuation, funds and asset management, and property development. It produces highly skilled property professionals able to enter the workforce with a qualification fully recognised and sought after by employers, professional and industry bodies. The combined degree program in property economics and international studies provides students specialising in property economics with additional practical skills by providing the opportunity to acquire knowledge and understanding of a language and culture other than English.

Graduates are renowned among employers for their hands-on and diverse knowledge and professional skills. UTS: Design, Architecture

Overseas study

Students spend their fourth year of study at a university overseas.

Industrial training/professional practice

In addition to attending classes, students are required to gain practical experience in appropriate professional or industrial organisations. Full-time students undertake practical studies as part of the program included in core subjects. They are also required to gain approved professional experience in the final two full-time years of their programs. Part-time students are required to enrol each year, except Year 1, in the professional/industrial experience subject and to supply details of the experience gained.

Course completion requirements

CBK90005 Country major choice	96ср
CBK90242 Sub-major/Electives (DAB)	24cp
STM90374 Core subjects	144cp
,	Total 264cp

Course program

The example program below is for a student commencing in Autumn semester and undertaking the course full time with the Germany major as the international studies major. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major.

16468

Autumn semester

	ОСР
16467 Built Environment Law	6ср
16466 Built Environment Economics	6ср
16127 Building Technology	6cp
Spring semester	
16234 Valuation Methods	6ср
16137 Digital Built Environment	6cp
16266 Sustainable Urban Design and Developm	ment 6cp

Property Title and Spatial Data Analysis

Introduction to the Built Environment

16267 Year 2

Autumn semester

16238 976001 97601 16235	Research Methods Foundations in International Studies German Language and Culture 1 Urban Economics	6cp 8cp 8cp 6cp
Spring se	emester	
16264	Accounting and Business Management	6ср
16232	Property and Political Economy	6ср
16231	Property Management	6cp
97602	German Language and Culture 2	8cp
Year 3		

Autumn se	emester	
16233	Urban Planning Process	6ср
16236	Property Cash Flow Analysis	6ср
97603	German Language and Culture 3	8cp
Spring ser	nester	
97604	German Language and Culture 4	8ср
976421	Contemporary Germany	8cp
16331	Specialised Valuation	6cp
Year 4		
Autumn semester		

977420 In-country Study 1: Germany			
Spring semester			
978420	In-country Study 2: Germany	24cp	
Year 5			

Autumn semester

16332

16333	Statutory Valuation and Litigation	6cp
Select 6 credit points of electives		6ср
Spring s	semester	
1/225	A 1 1571 (*	

Advanced Valuation

Investment and Portfolio

10000	ravancea variation	· ·	·CΡ
16237	Property Taxation	6	cp
Select 6 cr	edit points of electives	6	бср

Year 6

Autumn semester

16261 16344	6ср 6ср	
Select 6 cre	edit points of electives	6cp
Spring sen	nester	
16345 16469	Property Trusts and Funds Professional Practice	6ср 6ср
Select 6 cre	edit points of electives	6cp

Honours

Students who achieve a minimum of a credit weighted average mark in their first two levels of study may be invited to undertake the honours program. The honours program is taken as specialised subjects, focusing on property research and analysis, an honours research proposal and a thesis.

Professional recognition

Australian Property Institute (API); Real Estate Institute of NSW (REI); Royal Institution of Chartered Surveyors (RICS); Singapore Institute of Surveyors and Valuers (SISV)

Other information

Further information on the property economics component is available from the Building 6 Student Centre on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

6cp

6ср

6cp

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

Further information on the international studies component is available from the Building 1 Student Centre on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.internationalstudies.uts.edu.au

C10019v3 Bachelor of Arts in Adult Education and Community Management

Award(s): Bachelor of Arts in Adult Education and Community

Management (BA)

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Note(s)

This course is only offered to Aboriginal and Torres Strait Islander people.

This course is not offered in 2013.

This course is not offered to international students.

Overview

The Bachelor of Arts in Adult Education and Community Management addresses the professional development needs of Indigenous people who are directly involved with community management and development activities.

The integration of work-based learning and formal higher education, which is central to the curriculum of this course, requires students to apply theory to practice and reflect on this process in the context of their communities and community-managed organisations. The support services of Indigenous academic and administrative staff combined with the regular participation of Indigenous visiting lecturers provide a depth of support for the learning of Aboriginal and Torres Strait Islander students unequalled in any other Australian university.

Course aims

The course aims to provide an understanding of the context of community non-profit organisations and the theoretical frameworks underpinning the roles of these organisations in the political and economic environment. Key concepts are introduced and students are assisted in situating their organisations and interests within the wider environments in which they operate.

Career options

Career options include management of a range of non-profit or community-based organisations and community education programs.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

This course is only offered to Aboriginal and Torres Strait Islander people. Course entry is not based on ATAR.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Applications

Universities Admissions Centre entry is not available. Students should apply directly to UTS.

External articulation

Students who have completed the TAFE Advanced Certificate in Community Management in the three years prior to entry to this course are eligible to apply for a block exemption that includes up to three subjects. Students should provide a TAFE statement of attainment attached to an application for exemption form.

Course duration and attendance

The course is completed in three years of full-time or six years of part-time study. Subjects are run in intensive block release format, requiring students to attend university for two or three five-day blocks per semester. Between blocks, students work independently and in small study groups utilising flexible learning strategies to learn in ways appropriate to individual needs.

Course structure

The course comprises 144 credit points of study.

The course has been designed in two stages:

- Stage 1 comprises the first 96 credit points of the course. This includes 30 credit points in adult education, 30 credit points in community management and 36 credit points in Aboriginal
- Stage 2 comprises 12 credit points in Aboriginal studies and 36 credit points in either adult education or community management in any combination.

Course completion requirements

STM90291 Core subjects 144cp Total 144cp

Course program

A typical course program is provided below.

Development

Year 1

21134

Autumn semester

21143 21043 013953	21043 Australian Indigenous Studies	
Spring se	emester	
21224	Indigenous Community Research	6ср
21225	Managing Human Resources in Indigenous	1
	Organisations	6ср
013980	Identity, Culture and Communication	6ср
21041	Australian Indigenous Social and Political	-

Introduction to Community Management

Year 2

Autumn semester

013954	Program Design	6ср
21136	Resource Management in Nonprofit	
	Organisations	6ср
21223	Social Analysis and Indigenous Community	
	Organisations	6ср
013977	Teaching and Learning in Practice	6ср
Spring se	mester	
21044	Strategic Management of Nonprofit	
	Organisations	6ср
015033	Programming for Community Learning	6ср
21140	Monitoring Organisational Performance	6ср
21185	Social Change and Community Practice	6ср
Year 3		
Autumn s	emester	
21058	Management Project	6ср
		- r

Δ

013978	Research and inquiry	оср
21184	Government and Community Sector	6cp
21042	Australian Indigenous Studies Research Project	6ср
Spring se	mester	
21183	Funds Development	6ср
21040	Advocacy and Social Change	6cp
21211	Indigenous Community Organisation Practicum	6cp
21045	Career Development in Indigenous Community	•
	Management	6ср

Other information

Further information is available from:

Sonya Pearce

Indigenous Programs Coordinator telephone +61 2 9514 3774 email Sonya.Pearce@uts.edu.au

C10020v4 Bachelor of Business **Bachelor of Arts in International** Studies

Award(s): Bachelor of Business (BBus) Bachelor of Arts in International Studies (BA)

UAC code: 609130 CRICOS code: 026187C

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

6ср

6ср

6ср

The course is also available at Kuring-gai campus (see C10021) (see page 131).

Overview

The Bachelor of Business Bachelor of Arts in International Studies is offered jointly by UTS: Business and UTS: International Studies. The degree integrates the study of business with a major in the language and culture of another country.

Career options

Career options include positions in any branch of business or commerce as well as management of private and public sector enterprises ranging from start-ups to large multinational enterprises. Career options are enhanced by international experience, making students more marketable to prospective employers.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Admission to the combined degree is on merit according to the admissions policy for the Bachelor of Business at City campus (C10026) (see page 131) or the Bachelor of Business at Kuring-gai campus (C10027) (see page 133). There is a range of entry levels to the various language and culture programs. Students are admitted to the international studies program with no guarantee of entry to a specific major, although every effort is made to meet students' preferences.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

There are no prior language requirements for the international studies program (see page 87).

Credit recognition

Information on credit recognition in the business component is available from the Bachelor of Business (C10026) (see page 131).

Course duration and attendance

The course is offered as a full-time program over five years. Students spend two semesters of study at a university or other higher education institution in the country of their major.

Course structure

All students must complete 240 credit points of study, comprising 144 credit points relating to business and 96 credit points relating to international studies. Full details of the Bachelor of Business component of the combined degree are available from the Bachelor of Business (C10026) (see page 131). The Bachelor of Arts in International Studies requires undergraduates to study a region or country major over a minimum of three years. The Bachelor of Arts in International Studies is not offered as a separate degree, but is completed only in combination with the professional degree program.

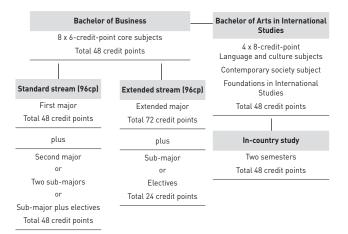
Overseas study

Students spend their fourth year of study at a university overseas.

Course completion requirements

CBK90005 Country major choice	96cp
STM90273 Core subjects (Business)	48cp
CBK90679 Stream choice	96cp
	Total 240cp

Course diagram



Course program

The typical program shown below is for a full-time student who has chosen the Germany major as their International Studies major. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major.

Full details of the business component are available from the Bachelor of Business (C10026) (see page 131).

Full time - core subjects

Year 1

icai i						
Autumn se	emester					
26100						
22107 26134	Accounting for Business Decisions A Business Statistics	6ср 6ср				
23115	6ср					
Spring ser	nester	•				
21129	Managing People and Organisations	6ср				
24108	Marketing Foundations	6ср				
25300 22207	Fundamentals of Business Finance Accounting for Business Decisions B	6ср 6ср				
	Accounting for business Decisions b	оср				
Year 2						
Autumn se		0				
976001 97601	Foundations in International Studies German Language and Culture 1	8ср 8ср				
		оср				
Spring ser 97602	German Language and Culture 2	8cn				
Year 3						
Autumn se		0				
97603	German Language and Culture 3	8ср				
Spring ser						
97604 976421	German Language and Culture 4 Contemporary Germany	8ср 8ср				
	Contemporary Germany	оср				
Year 4						
Autumn se						
977420	In-country Study 1: Germany	24cp				
Spring ser						
978420	978420 In-country Study 2: Germany 24cp					
Year 5						
Autumn se	emester					
Select 24 c	Select 24 credit points of electives 24cp					
Spring ser	Spring semester					
, 5						

Other information

Further information on the business component is available from UTS: Business on:

24cp

telephone 1300 ask UTS (1300 275 887)

Select 24 credit points of electives

or +61 2 9514 1222

www.business.uts.edu.au

Further information on the international studies component is available from the Building 1 Student Centre on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www. international studies. uts. edu. au

C10021v4 Bachelor of Business Bachelor of Arts in International Studies

Award(s): Bachelor of Business (BBus)
Bachelor of Arts in International Studies (BA)

CRICOS code: 026187C

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5

Location: Kuring-gai campus

Note(s)

The course is also available at City campus (see C10020) (see page 129).

Overview

The Bachelor of Business Bachelor of Arts in International Studies is offered jointly by UTS: Business and UTS: International Studies. The degree integrates the study of business with a major in the language and culture of another country.

Career options

Career options include positions in any branch of business or commerce as well as management of private and public sector enterprises ranging from start-ups to large multinational enterprises. Career options are enhanced by international experience, making students more marketable to prospective employers.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Admission to the combined degree is on merit according to the admissions policy for the Bachelor of Business at City campus (C10026) (see page 131) or the Bachelor of Business at Kuring-gai campus (C10027) (see page 133). There is a range of entry levels to the various language and culture programs. Students are admitted to the international studies program with no guarantee of entry to a specific major, although every effort is made to meet students' preferences.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

There are no prior language requirements for the international studies program (see page 87).

Credit recognition

Information on credit recognition in the business component is available from the Bachelor of Business (C10027) (see page 133).

Course duration and attendance

The course is offered as a full-time program over five years. Students spend two semesters of study at a university or other higher education institution in the country of their major. The international studies component of the course is mainly offered at City campus.

Course structure

All students must complete 240 credit points of study, comprising 144 credit points relating to business and 96 credit points relating to international studies. Full details of the Bachelor of Business component of the combined degree are available from the Bachelor of Business (C10027) (see page 133). The Bachelor of Arts in International Studies requires undergraduates to study a region or country major over a minimum of three years. The Bachelor of Arts in International

Studies is not offered as a separate degree, but is completed only in combination with the professional degree program.

Overseas study

Students spend their fourth year of study at a university overseas.

Course completion requirements

CBK90005 Country major choice 96cp STM90273 Core subjects (Business) 48cp CBK90679 Stream choice 96cp Total 240cp

Course program

For details of the course program see the Bachelor of Business Bachelor of Arts in International Studies (C10020) (see page 129).

Other information

Further information on the business component is available from UTS: Business on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

www.business.uts.edu.au

Further information on the international studies component is available from the Building 1 Student Centre on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.internationalstudies.uts.edu.au

C10026v4 Bachelor of Business

Award(s): Bachelor of Business (BBus) UAC code: 601030 (FT), 601035 (PT)

CRICOS code: 006487A

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Note(s)

This is the City campus version of the Bachelor of Business. It is also available at Kuring-gai campus (see C10027) (see page 133).

Overview

The Bachelor of Business offers students a sound background in all areas of business through common core subjects, in addition to indepth knowledge in one or more chosen areas of interest.

This course provides an understanding of important aspects of business and offers a wide choice of majors and sub-majors. Students are encouraged to add a specialisation to their broad general training.

Course aims

The degree seeks to provide students with the knowledge, competencies and values necessary to develop critical, analytical and evaluative skills essential for a fulfilling and effective career in business.

Career options

Career options include accounting, banking, economics, finance, financial services, human resource management, international business, management, marketing, marketing communication, sport or tourism management.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics and any two units of English. Bridging courses are available.

External articulation

- TAFE NSW: UTS has an articulated credit transfer policy with TAFE NSW. Block credit may be granted for a number of completed TAFE courses. To be eligible for credit, students must have completed their course at a minimum Diploma (AQF) or higher. These courses must have been completed no earlier than two years prior to their commencement in the relevant course at UTS, i.e. students commencing in 2012 must have completed their TAFE courses in 2010 or later.
- INSEARCH: Students who have completed appropriate courses through INSEARCH, if admitted, will be given up to one year's credit recognition in the Bachelor of Business.

Credit recognition

Students who are enrolled in the Bachelor of Business and have previously studied at another university or other recognised tertiary educational institution may be eligible for credit recognition if the subjects previously studied are deemed by UTS: Business to be equivalent to those specified for their course.

Students who have completed subjects at a recognised university may be granted exemptions for particular subjects at UTS or unspecified electives that are credit points granted without nominating a particular subject equivalent. To be considered for credit recognition, subjects must have been completed no more than 10 years prior to the commencement of the Bachelor of Business course. Undergraduate students who have been identified as having studied at another university prior to the commencement of their studies at UTS normally receive information on applying for credit recognition at approximately the same time as they receive their offer of a place at UTS.

Students who have completed a course at a private college are not eligible for any exemptions unless an articulation agreement between UTS: Business and the college is in place.

Course duration and attendance

The course can be completed in a minimum of three years of full-time or six years of part-time study.

The course may be completed through either a full-time or part-time attendance pattern, or a combination of these.

Full-time study is usually undertaken at the rate of 24 credit points a semester. Students who wish to undertake more than the normal full-time load in one semester must have their study plan endorsed by a student adviser from a UTS Student Centre.

Part-time study is usually undertaken at the rate of 12 credit points a semester. Part-time students must be prepared to attend one afternoon or morning class during each teaching week.

Some subjects may be offered in an optional Summer session so that students may fast-track their studies.

Course structure

Students must complete 144 credit points, comprising eight foundation core subjects (48 credit points), and a standard stream (96 credit points) or an extended major stream (96 credit points). The standard stream comprises a first major (48 credit points), and either a second major (48 credit points), or two sub-majors (24 credit points each), or a single sub-major (24 credit points) in conjunction with elective subjects (24 credit points). The extended major stream comprises an extended major (72 credit points), and a sub-major (24 credit points) or elective subjects (24 credit points).

Students can choose any one of the following as a first major: Accounting, Economics, Finance, Human Resource Management, International Business, Management, Marketing, Financial Services or Marketing Communication.

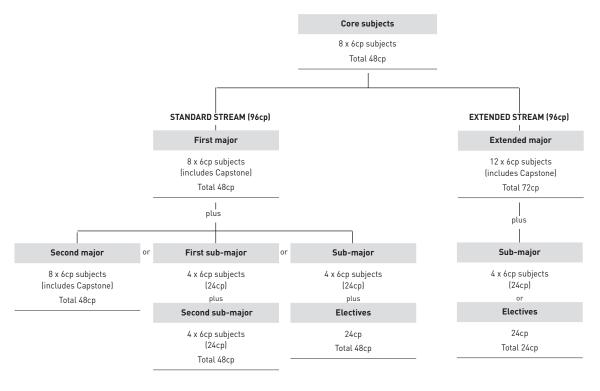
The choice of second major includes those listed above as well as Business Law, Information Technology, Sport Management or Tourism Management.

Electives or structured elective sequences (totalling 24 credit points) can be taken from any faculty in the University, or from another university or its equivalent, with UTS: Business approval.

Course completion requirements

STM90273 Core subjects (Business) CBK90679 Stream choice 48cp 96cp Total 144cp

Course diagram



Course program Typical full-time and part-time programs for the core subjects are provided below. Typical full-time program for core subjects Autumn semester 26100 **Integrating Business Perspectives** 6ср 22107 Accounting for Business Decisions A 6ср 23115 Economics for Business 6ср 26134 **Business Statistics** 6ср Spring semester Accounting for Business Decisions B 22207 6ср 21129 Managing People and Organisations 6ср

Typical part-time program for core subjects

Fundamentals of Business Finance

Marketing Foundations

24108

25300

Year 1				
Autumn s	emester			
22107 26100	Accounting for Business Decisions A Integrating Business Perspectives	6ср 6ср		
Spring se	mester			
23115 26134	Economics for Business Business Statistics	6ср 6ср		
Year 2				
Autumn s	emester			
21129 22207	Managing People and Organisations Accounting for Business Decisions B	6ср 6ср		
Spring semester				
25300 24108	Fundamentals of Business Finance Marketing Foundations	6ср 6ср		
List of majors				

FISC OF THE	ijoi 5	
MAJ08437	Accounting	48cp
MAJ09401	Business Law	48cp
MAJ09209	Economics	48cp
MAJ08440	Finance	48cp
MAJ08068	Financial Services	48cp
MAJ08446	Human Resource Management	48cp
MAJ02041	Information Technology	48cp
MAJ08442	International Business	48cp
MAJ08438	Management	48cp
MAJ08441	Marketing	48cp
MAJ08116	Marketing Communication	48cp
MAJ08445	Sport Management	48cp
MAJ08443	Tourism Management	48cp

Li	st	of	su	b-	maj	ors	

SMJ08211 Public Relations

List of su	b-majors	
SMJ08131	Advanced Advertising	24cp
SMJ08137	Advertising	24cp
SMJ02036	Business Information Systems	24cp
	Business Law	24cp
SMJ09058	Econometrics	24cp
SMJ09028	Economics	24cp
SMJ08203	Event Management	24cp
SMJ08123		24cp
SMJ08214	Financial Planning	24cp
SMJ08116	Financial Reporting	24cp
SMJ08215	Financial Services	24cp
SMJ08141	Human Resource Development	24cp
SMJ08128	Human Resource Management	24cp
SMJ08117	International Accounting	24cp
SMJ08139	International Business Studies	24cp
SMJ08129	International Management	24cp
SMJ09034	International Studies	24cp
SMJ02037	Information Technology	24cp
SMJ09035	Language other than English	24cp
SMJ08130	Management	24cp
SMJ08109	Management Consulting	24cp
SMJ08195	Management Reporting	24cp
	Marketing	24cp
SMJ08132	Marketing Research	24cp
SMJ01007	Mathematics	24cp

SMJ08120 SMJ09036 SMJ08126 SMJ01009 SMJ08204 SMJ09033	Quantitative Management Small Business Accounting Specialist Country Studies Sport Management Statistics Strategic Marketing Taxation Law Tourism Management	24cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp
MAJ09402 MAJ08060 MAJ08046	tended majors Extended Economics Extended Finance Extended Management Extended Marketing	72cp 72cp 72cp 72cp

Honours

6ср

6ср

The Bachelor of Business (Honours) (C09004) (see page 108) is $available\ with\ an\ additional\ one\ year\ of\ full-time\ study\ (or\ part-time$ equivalent) for eligible students.

Professional recognition

The Accounting major meets the educational membership requirements for CPA Australia, Institute of Chartered Accountants in Australia, Institute of Public Accountants and Chartered Institute of Management Accountants.

Students who complete the Human Resource Management major are eligible to apply for the professional member status and/or advancement to a higher level of membership of the Australian Human Resources Institute.

Students who complete a Marketing major are eligible to apply for Associate Membership of the Australian Marketing Institute.

The Bachelor of Business covers a broad range of the specialist knowledge areas required to be ASIC RG146 registered.

UTS is a CFA Institute University Program Partner based on the Bachelor of Business with a Finance major.

Other information

Further information is available from UTS: Business on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

www.business.uts.edu.au

C10027v4 Bachelor of Business

Award(s): Bachelor of Business (BBus)

UAC code: 601045 (FT) CRICOS code: 067092D

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3

Location: Kuring-gai campus

Note(s)

This is the Kuring-gai campus version of the Bachelor of Business. It is also available at City campus (see C10026) (see page 131).

Overview

The Bachelor of Business offers students a sound background in all areas of business through common core subjects, in addition to indepth knowledge in one or more chosen areas of interest.

This course provides a basic understanding of important aspects of business and a wide choice of majors/sub-majors. Students are encouraged to add a specialisation to their broad general training.

Course aims

The degree seeks to provide students with the knowledge, competencies and values necessary to develop critical, analytical and evaluative skills essential for a fulfilling and effective career in business.

Career options

Career options include accounting, economics, finance, financial services, human resource management, international business, management, marketing, marketing communication, sport or tourism management.

133

24cp

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics and any two units of English. Bridging courses are available.

External articulation

- TAFE NSW: UTS has an articulated credit transfer policy with TAFE NSW. Block credit may be granted for a number of completed TAFE courses. To be eligible for credit, students must have completed their course at a minimum Diploma (AQF) or higher. These courses must have been completed no earlier than two years prior to their commencement in the relevant course at UTS, i.e. students commencing in 2012 must have completed their TAFE courses in 2010 or later.
- INSEARCH: Students who have completed appropriate courses through INSEARCH, if admitted, are given up to one year's credit recognition in the Bachelor of Business.

Credit recognition

Students who are enrolled in the Bachelor of Business and have previously studied at another university or other recognised tertiary educational institution may be eligible for credit recognition if the subjects previously studied are deemed by UTS: Business to be equivalent to those specified for their course.

Students who have completed subjects at a recognised university may be granted exemptions for particular subjects at UTS or unspecified electives which are credit points granted without nominating a particular subject equivalent. To be considered for credit recognition, subjects must have been completed no more than 10 years prior to the commencement of the Bachelor of Business course. Undergraduate students who have been identified as having studied at another university prior to the commencement of their studies at UTS normally receive information on applying for credit recognition at approximately the same time as they receive their offer of a place at UTS.

Students who have completed a course at a private college are not eligible for any exemptions unless an articulation agreement between UTS: Business and the college is in place.

Course duration and attendance

The course can be completed in a minimum of three years of full-time study (at Kuring-gai campus).

Full-time study is usually undertaken at the rate of 24 credit points a semester. Students who wish to undertake more than the normal full-time load in one semester must have their study plan endorsed by a student adviser from a UTS Student Centre.

Some subjects may be offered in an optional Summer session so that students may fast-track their studies.

Course structure

Students must complete 144 credit points, comprising eight foundation core subjects (48 credit points), and a standard stream (96 credit points) or an extended major stream (96 credit points). The standard stream comprises a first major (48 credit points), and either a second major (48 credit points), or two sub-majors (24 credit points each), or a single sub-major (24 credit points) in conjunction with elective subjects (24 credit points). The extended major stream comprises an extended major (72 credit points), and a sub-major (24 credit points) or elective subjects (24 credit points).

Students can choose any one of the following as a first major: Accounting, Economics, Finance, Human Resource Management, International Business, Management, Marketing, Financial Services or Marketing Communication.

The choice of second major includes those listed above as well as Business Law, Information Technology, Sport Management or Tourism Management.

Electives or structured elective sequences (totalling 24 credit points) can be taken from any faculty in the University, or from another university or its equivalent, with UTS: Business approval.

Course completion requirements

STM90273 Core subjects (Business)	48cp
CBK90679 Stream choice	96cp
	Total 144cp

Course program

A typical full-time program for the core subjects is provided below. For details on the available majors and sub-majors refer to the Bachelor of Business (C10026) (see page 131). Students should note that all major and sub-majors listed may not be available at Kuring-gai campus.

Typical full-time program for core subjects

Year 1

Autumn semester

26100	Integrating Business Perspectives	6ср
22107	Accounting for Business Decisions A	6ср
26134	Business Statistics	6ср
23115	Economics for Business	6ср
Spring s	emester	
21129	Managing People and Organisations	6ср

21129	Managing People and Organisations	6ср
24108	Marketing Foundations	6ср
25300	Fundamentals of Business Finance	6ср
22207	Accounting for Business Decisions B	6cp

Honours

The Bachelor of Business (Honours) (C09004) (see page 108) is available with an additional one year of full-time study (or part-time equivalent) for eligible students.

Professional recognition

The Accounting major meets the educational membership requirements for CPA Australia, Institute of Chartered Accountants in Australia, Institute of Public Accountants and Chartered Institute of Management Accountants.

Students who complete the Human Resource Management major are eligible to apply for the professional member status and/or advancement to a higher level of membership of the Australian Human Resources Institute.

The Bachelor of Business covers a broad range of the specialist knowledge areas required to be ASIC RG146 registered.

UTS is a CFA Institute program partner based on the Bachelor of Business with a major in finance.

Other information

Further information is available from UTS: Business on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

www.business.uts.edu.au

C10039v10 Bachelor of Management in Events and Leisure

Award(s): Bachelor of Management in Events and Leisure (BM)

UAC code: 601065 CRICOS code: 008759K

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3

Location: Kuring-gai campus

Overview

The Bachelor of Management in Events and Leisure provides students with the knowledge and professional skills necessary to operate within the events and leisure industry.

This course provides students with a broad understanding of leisure behaviour and the event and experience industries that enrich the lives of individuals, organisations and Australian communities. It examines in some depth the ways in which sporting, recreational, touristic, entertainment and arts events are produced and used in the commercial, public and not-for-profit sectors to satisfy the community's need for economic development, social interaction and as important fund raising functions for causes and charities. The degree provides the skills to design, plan, create, implement, manage and market events from community events such as sports and public celebrations, to major and mega events such as the Olympic Games. These technical skills are set within contemporary management practice that includes sustainability, ethics, entrepreneurship, strategic management, consultancy and research.

The degree develops the student's capabilities as a manager, to work independently and in team environments, supported by strong critical, analytical, written, verbal and interpersonal skills.

Course aims

Graduates of this program develop theoretical knowledge and skills relevant to the organisation, research, planning, administration, marketing and equitable distribution of event and leisure services.

Career options

Career options include event coordinator / manager, meetings planner, entertainment, venue or facility manager, festival organiser, leisure and recreation planner, marketing manager for arts, leisure and events organisations, sponsor manager.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Non-current school leavers should submit a personal statement to UTS by $30\ \mathrm{November}.$

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Any two units of English.

Credit recognition

Students may apply for credit recognition in subjects in which they consider themselves eligible. Equivalence of subject matter is the main criterion for credit recognition in a subject successfully completed at another institution.

Course duration and attendance

The course is taught on a full-time basis. The normal time for completion is three years.

Full-time students should be aware that they are required to attend evening classes as part of their program of study.

This course is offered at Kuring-gai campus only.

Course structure

All students must complete a total of 144 credit points made up of 24 subjects, comprising 20 core and four elective subjects.

The electives (totalling 24 credit points) are to be chosen from a prescribed list of subjects in events, leisure, sport, tourism or arts management. The four electives chosen from the prescribed list may comprise a Tourism Management or Sport Management sub-major.

With the approval of the undergraduate program director, two of the four electives may be chosen from outside the prescribed list of subjects.

Industrial training/professional practice

The course has an extensive compulsory internship program and a capstone industry-based research project.

Course completion requirements

STM90288 Core subjects	•	120ср
CBK90190 Electives		24cp
		Total 144cp

Course program

A typical course program is provided below.

Year

Autumn semester

23115	Economics for business	ьср
24108	Marketing Foundations	6ср
27126	Event and Leisure Industries	6ср
27342	Sociocultural Concepts for Leisure, Sport	-
	and Tourism	6ср
Spring se	emester	
22107	Accounting for Business Decisions A	6ср
27703	Event Management	6cp
21129	Managing People and Organisations	6cp
27326	Diversity Management	6ср

Year 2

Autumn semester

Research Foundations for Leisure Sport and Tourism	6ср
Arts and Entertainment Industries Event Impacts and Legacies	6cp 6cp
edit points of electives	6ср
mester	
Professional Internship (Capstone)	6ср
Law for Leisure, Sport and Tourism	6ср
and Tourism	6ср
edit points of electives	6ср
	and Tourism Arts and Entertainment Industries Event Impacts and Legacies edit points of electives mester Professional Internship (Capstone) Law for Leisure, Sport and Tourism Government and Policy for Leisure, Sport and Tourism

Year 3

Autumn semester

Select 6 credit points of electives

27216 27324	Venue Management	6cp
27361	Strategic Management in Leisure, Sport and Tourism Organisations Industry Project 1	6cp 6cp
Select 6 cr	edit points of electives	6cp
Spring ser	nester	
27362 27116	Industry Project 2 e-Marketing and Management of Services	6cp
27345	Creating Event Experiences	6ср

6cp

Honours

The Bachelor of Management (Honours) in Events and Leisure (C09005) (see page 109) is available to eligible students with an additional one year of full-time or two years of part-time study.

Other information

Further information is available from UTS: Business on: telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 www.business.uts.edu.au

C10040v8 Bachelor of Management in Tourism

Award(s): Bachelor of Management in Tourism (BM)

UAC code: 601085 CRICOS code: 000383B

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3

Location: Kuring-gai campus

Overview

The Bachelor of Management in Tourism provides students with a strong understanding of the distinctive features of tourism and the tourism industry, with the knowledge and range of skills that provide the flexibility to manage effectively in an environment of significant growth and change. The course also develops students' understanding of tourism as an increasingly important social phenomenon, in order to foster a critical approach to this field of study.

The course takes a broad approach studying the phenomenon of tourism and tourists, the society in which tourism takes place, the relationship of tourism to sustainability and the role of the different tourism industry sectors. The course develops ethical, professional values and skills for working in the various fields of toursim, such as, strategic management, marketing, research and policy.

Career options

Career options include management, marketing and policy-analysis roles in national and regional tourism offices, hotels, airlines, tour operations, tourist attractions and events.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Non-current school leavers should submit a personal statement to UTS by 30 November.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances

Assumed knowledge

Any two units of English.

Credit recognition

Students may apply for credit recognition in subjects in which they consider themselves eligible. Equivalence of subject matter is the main criterion for credit recognition in a subject successfully completed at another institution.

Course duration and attendance

The course is taught on a full-time basis. The normal time for completion is three years. Students should be aware that they may be required to attend evening classes.

This course is offered at Kuring-gai campus only.

Course structure

All students must complete a total of 144 credit points made up of 24 subjects, comprising 20 core and four elective subjects.

The electives (totalling 24 credit points) are to be chosen from a prescribed list of subjects in events, leisure, sport, tourism or arts management. The four electives chosen from the prescribed list may comprise an Event Management or Sport Management sub-major.

With the approval of the undergraduate program director, two of the four electives may be chosen from outside the prescribed list of subjects.

Industrial training/professional practice

The course has an extensive compulsory internship program and a capstone industry-based project.

Course completion requirements

STM90289 Core subjects	120cp
CBK90376 Sub-major/Four electives	24cp
,	Total 144cp

Course program

A typical course program is shown below.

The Tourist Experience

Year 1

Autumn semester

24108	Marketing Foundations	6ср
23115	Economics for Business	6ср
27184	Dimensions of Tourism	6ср
27342	Sociocultural Concepts for Leisure, Sport and Tourism	6ср
Spring s	semester	1
224.0	4 (D D 4	,

Spring s	emester	
22107	Accounting for Business Decisions A	6ср
21129	Managing People and Organisations	6ср
27648	The Tourism Business	6ср
27327	Tourism and Sustainability	6ср

6cp

6ср

Year 2

27185

Autumn semester

27344	Research Foundations for Leisure Sport	
	and Tourism	6ср
27642	Tourism Marketing	6ср
Select 6 cre	edit points of electives	6ср
Spring ser	mester	
27628	Law for Leisure, Sport and Tourism	6ср
27350	Professional Internship (Capstone)	6ср
27323	Government and Policy for Leisure, Sport	-
	and Tourism	6ср
Select 6 credit points of electives 6c		

Year 3

Autumn semester

27361	Industry Project 1	6ср
27324	Strategic Management in Leisure, Sport	-
	and Tourism Organisations	6ср
27523	Planning for Sustainable Destinations	6ср
Select 6 cre	edit points of electives	6ср
Spring ser	nester	
27116	e-Marketing and Management of Services	6ср
27348	Critical Issues in Global Tourism	6ср
27362	Industry Project 2	6ср

Honours

The Bachelor of Management (Honours) in Tourism (C09007) (see page 109) is available to eligible students with an additional year of full-time study, or two years of part-time study.

Other information

Select 6 credit points of electives

Further information is available from UTS: Business on: telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 www.business.uts.edu.au

C10044v7 Bachelor of Management in Tourism Bachelor of Arts in International Studies

Award(s): Bachelor of Management in Tourism (BM) Bachelor of Arts in International Studies (BA)

UAC code: 609110 CRICOS code: 026190G

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5

Location: Kuring-gai campus

Overview

This degree program develops understanding of tourism as an increasingly important social phenomenon in order to foster a critical approach to this field of study. The course combines a professional degree with immersion in another language and culture, enhancing professional training and career options.

The course is distinctive in six ways: it follows a broad and holistic approach to the study of tourism; it is interdisciplinary, in that it makes use of systems theory to create a framework for subsequent interdisciplinary description, analysis and inquiry; it gives full coverage to all of the tourism sector; it has a practical hands-on component; it has an industry experience component that includes a minimum of 10 weeks' work experience; and it provides the opportunity to live and study in another country.

Course aims

The degree provides students with a strong understanding of the distinctive features of tourism and the tourism industry, with the knowledge and skills to manage effectively in an environment of significant growth and change. This degree integrates tourism management with a major in the language and culture of another country.

Career options

Career options include management, marketing and policy analysis roles in such areas as airlines, hotels, regional planning and development, special events, tour operations and tourist attractions. Career options are enhanced by international experience, making students more marketable to prospective employers.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Admission to the combined degree is on merit according to the admissions policy for the Bachelor of Management in Tourism (C10040) (see page 136). There is a range of entry levels to the various language and culture programs. Students are admitted to the international studies program with no guarantee of entry to a specific major, although every effort is made to meet students' preferences.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances

Assumed knowledge

There are no prior language requirements for the international studies program (see page 87).

Credit recognition

For credit recognition details, see the Bachelor of Management in Tourism (C10040) (see page 136).

Course duration and attendance

The course is offered as a full-time program over five years. Students may be required to attend some evening classes and undertake a minimum of 10 weeks' industry-related work experience during the course. Students spend two semesters of study at a university or other higher education institution in the country of their major. The international studies component of the course is mainly offered at City campus.

Course structure

Students must complete 240 credit points of study, comprising 144 credit points relating to management in tourism and 96 credit points relating to international studies. For full details of the Bachelor of Management in Tourism component of the combined degree, refer to the Bachelor of Management in Tourism (C10040) (see page 136). The Bachelor of Arts in International Studies requires undergraduates to study a region or country major over a minimum of three years. The Bachelor of Arts in International Studies is not offered as a separate degree, but is completed only in combination with the professional degree program.

Overseas study

Students spend their fourth year of study at a university overseas.

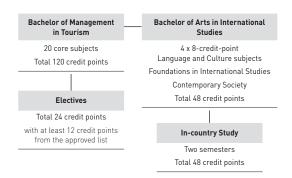
Industrial training/professional practice

This course has a professional internship component that includes a minimum of six weeks' work experience.

Course completion requirements

CBK90005 Country major choice	96ср
STM90289 Core subjects	120cp
CBK90190 Electives	24cp
	Total 240cp

Course diagram



Course program

The typical program shown below is for a full-time student who has chosen the Germany major as their international studies major. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major.

Year 1

24108

Autumn semester

23115	Economics for Business	6ср
27184	Dimensions of Tourism	6ср
27342	Sociocultural Concepts for Leisure, Sport	-
	and Tourism	6ср
Spring se	emester	
21129	Managing People and Organisations	6ср
22107	Accounting for Business Decisions A	6cp
27327	Tourism and Sustainability	6ср
27648	The Tourism Business	6ср

Marketing Foundations

Year 2

Autumn semester

27344	Research Foundations for Leisure Sport	
	and Tourism	6cr
27642	Tourism Marketing	6cr
976001	Foundations in International Studies	8cr
97601	German Language and Culture 1	8cp

Spring semester

27116	e-Marketing and Management of Services	6ср
27323	Government and Policy for Leisure, Sport	-
	and Tourism	6ср
97602	German Language and Culture 2	8cp
Select 6	credit points of electives	6ср

Year 3

Autumn semester

Autuilli	sinester	
27185	The Tourist Experience	6ср
27523	Planning for Sustainable Destinations	6ср
97603	German Language and Culture 3	8cp
Select 6 credit points of electives		6ср
Spring semester		
Spring ser	nester	
Spring ser 27628	Law for Leisure, Sport and Tourism	6ср
		6ср
27628	Law for Leisure, Sport and Tourism Strategic Management in Leisure, Sport and Tourism Organisations	6ср 6ср
27628	Law for Leisure, Sport and Tourism Strategic Management in Leisure, Sport	-

976421 Year 4

Autumn semester 977420 In-country Study 1: Germany 24cp				
Spring sel 978420	mester In-country Study 2: Germany	24cp		

Contemporary Germany

Year 5

Autumn semester				
27361	Industry Project 1	6ср		
27350	Professional Internship (Capstone)	6ср		
Select 6	credit points of electives	6ср		
Spring semester				
27262	Industry Project 2	6an		

2/302	maustry Project 2	оср
27348	Critical Issues in Global Tourism	6cp
Select 6	credit points of electives	6ср

Other information

Further information on the business component is available from UTS: Business on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

www.business.uts.edu.au

Further information on the international studies component is available from the Building 1 Student Centre on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.internationalstudies.uts.edu.au

C10045v9 Bachelor of Management in Events and Leisure Bachelor of Arts in International Studies

Award(s): Bachelor of Management in Events and Leisure (BM)

Bachelor of Arts in International Studies (BA)

UAC code: 609090 CRICOS code: 026189A

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5

Location: Kuring-gai campus

Overview

The Bachelor of Management in Events and Leisure Bachelor of Arts in International Studies is offered jointly by UTS: Business and UTS: International Studies. The degree integrates leisure management with a major in the language and culture of another country.

Course aims

Graduates of this program develop theoretical knowledge and skills relevant to the organisation, research, planning, administration, marketing and equitable distribution of leisure services.

Career options

Career options include activities and cultural events coordinator at a university or college, manager or administrator in leisure, tourism, sports, entertainment or the arts, marketing of sport and leisure, outdoor recreation promotion, and recreation planner/manager in local government. Career options are enhanced by international experience, making students more marketable to prospective employers.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Admission to the combined degree is on merit according to the admissions policy for the Bachelor of Management in Events and Leisure (C10039) (see page 135). There is a range of entry levels to the various language and culture programs. Students are admitted to the international studies program with no guarantee of entry to a specific major, although every effort is made to meet students' preferences.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

8cp

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

There are no prior language requirements for the international studies program (see page 87).

Credit recognition

For credit recognition, see the Bachelor of Management in Events and Leisure (C10039) (see page 135).

Course duration and attendance

The course is offered as a full-time program over five years. Students may be required to attend some evening classes and undertake a minimum of 10 weeks' industry-related work experience during the course. Students spend two semesters of study at a university or other higher education institution in the country of their major. The international studies component of the course is mainly offered at City campus.

Course structure

Students must complete 240 credit points of study, comprising 144 credit points relating to management in events and leisure and 96 credit points relating to international studies. For full details of the Bachelor of Management in Events and Leisure component of the combined degree, refer to the Bachelor of Management in Events and Leisure (C10039) (see page 135). The Bachelor of Arts in International Studies requires undergraduates to study a region or country major over a minimum of three years. The Bachelor of Arts in International Studies is not offered as a separate degree, but is completed only in combination with the professional degree program.

Overseas study

Students spend their fourth year of study at a university overseas.

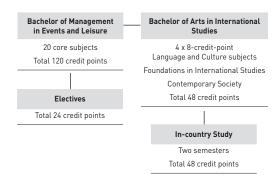
Industrial training/professional practice

This course has a professional internship component that includes a minimum of six weeks' work experience.

Course completion requirements

CBK90005 Country major choice	96ср
STM90288 Core subjects	120cp
CBK90190 Electives	24cp
	Total 240cp

Course diagram



Course program

The typical program shown below is for a full-time student who has chosen the Germany major as their international studies major. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major.

Typical full-time program

Year 1

Autumn semester

Autumn semester

24108	Marketing Foundations	6ср		
23115	Economics for Business	6ср		
27126	Event and Leisure Industries	6ср		
27342	Sociocultural Concepts for Leisure, Sport	•		
	and Tourism	6ср		
Spring ser	Spring semester			
21129	Managing People and Organisations	6ср		
27326	Diversity Management	6cp		
27703	Event Management	6cp		
22107	Accounting for Business Decisions A	6cp		
Year 2				

27344	Research Foundations for Leisure Sport	
	and Tourism	6ср
27115	Arts and Entertainment Industries	6ср
976001	Foundations in International Studies	8cp
97601	German Language and Culture 1	8cp

Spring ser	mester
27116	e-Marketing and Management of Services
27323	Government and Policy for Leisure, Sport
	and Tourism
97602	German Language and Culture 2

Select 6 credit points of electives Year 3

Autumn semester

27324	Strategic Management in Leisure, Sport	
	and Tourism Organisations	6ср
27192	Event Impacts and Legacies	6ср
97603	German Language and Culture 3	8cp
Select 6 c	redit points of electives	6ср
Spring se	emester	
27628	Law for Leisure, Sport and Tourism	6ср
27216	Venue Management	6cp
97604	German Language and Culture 4	8cp
976421	Contemporary Germany	8cp
Year 4		

Year 4		
Autumn s	emester	
977420	In-country Study 1: Germany	24cp
Spring se	mester	
978420	In-country Study 2: Germany	24cp

Year 5

Autumn semester

27361	Industry Project 1	6ср
27350	Professional Internship (Capstone)	6ср
Select 6 c	redit points of electives	6ср
Spring se	emester	
27362	Industry Project 2	6ср
27345	Creating Event Experiences	6ср
Select 6 c	redit points of electives	6ср

Other information

Further information on the business component is available from UTS: Business on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

www.business.uts.edu.au

Further information on the international studies component is available from the Building 1 Student Centre on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.internationalstudies.uts.edu.au

C10048v6 Bachelor of Management in Tourism and Hospitality

Award(s): Bachelor of Management in Tourism and Hospitality (BM) UAC code: 601095 CRICOS code: 040685A Commonwealth-supported place?: Yes Load credit points: 144 Course EFTSL: 3 Location: Kuring-gai campus

Note(s)

6ср

6ср

8ср

6ср

This course is not offered to recent school leavers. Specific prior study conditions apply.

Overview

This course is a pathway program developed in conjunction with TAFE NSW. It explores the collaborative linkages and networks that are an integral part of the tourism industry and which need to be managed so that a hospitality organisation achieves its stated objectives. Strategies to ensure the sustainability of a destination's $tour is m\, product\, and\, marketing/management\, effort\, are\, highlighted.$

The course broadens students' understanding of the hospitality sector's role in tourism. It highlights tourism-related environmental factors that influence and are affected by hospitality operations. The course develops ethical, professional values and skills for working in tourism and hospitality.

Course aims

The UTS component of the course seeks to build on the vocational skills and knowledge acquired by students in the hospitality management courses offered by TAFE NSW.

Career options

Career options include hotel and resort management, research and policy development for government tourism authorities, destination management and marketing, wholesaling and tour operations.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Applicants must have completed either the Advanced Diploma in Hospitality (Management) from TAFE NSW, or the Advanced Diploma in Hospitality Management and the Advanced Diploma in Tourism Management from Kenvale College of Tourism and Hospitality Management.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Applications

Local students

Commonwealth-supported place applicants are assessed as noncurrent school leaver students through the Universities Admissions Centre.

International students

Overseas full-fee-paying students are admitted through UTS International provided they meet the applicable English language requirements for UTS courses.

Assumed knowledge

Any two units of English.

External articulation

Applicants must have either the Advanced Diploma in Hospitality (Management) from TAFE NSW at credit level or higher, or the Advanced Diploma in Hospitality from Kenvale College at credit level or higher (credit recognition is being reviewed and subject to variation). Successful applicants are granted credit recognition for advanced diploma studies, and must complete 72 credit points to attain the degree.

Course duration and attendance

The course duration is one-and-a-half years of full-time study (following completion of the Advanced Diploma in Hospitality (Management) from TAFE NSW prior to entry) if students commence the course in Autumn semester.

This course is offered at Kuring-gai campus only.

Course structure

Students from the Advanced Diploma in Hospitality (Management) receive a block exemption of 72 credit points for their hospitality studies. Completion of a further 72 credit points (as listed in the course program) leads to the award of the Bachelor of Management in Tourism and Hospitality.

Course completion requirements

The Tourism Business

Critical Issues in Global Tourism

CBK90525 Electives (TAFE articulation)	72cp
STM90723 Core subjects	72cp
•	Total 144cp

Course program

A typical course program for students who need to complete 72 credit points is shown below.

Electives available within the program may be chosen from a wide range of subjects offered leisure, sport and tourism. Approval for electives outside these subjects should be sought from the undergraduate program director.

Year 1

Autumn semester

27184	Dimensions of Tourism	6ср
27185	The Tourist Experience	6ср
27324	Strategic Management in Leisure, Sport	•
	and Tourism Organisations	6ср
27342	Sociocultural Concepts for Leisure, Sport	•
	and Tourism	6ср
Spring ser	mester	
27116	e-Marketing and Management of Services	6ср
27327	Tourism and Sustainability	6ср

Year 2

Autumn semester

27523	Planning for Sustainable Destinations	6ср
27642	Tourism Marketing	6ср
22107	Accounting for Business Decisions A	6ср
23115	Economics for Business	6ср

Other information

Further information is available from UTS: Business on: telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 www.business.uts.edu.au

C10061v4 Bachelor of Engineering Diploma in Engineering Practice

Award(s): Bachelor of Engineering in (name of Engineering major)
Diploma in Engineering Practice (BE DipEngPrac)
UAC code: 603005 (Civil and Environmental Engineering), 603015 (Civil
Engineering), 603018 (Civil Engineering (Structures)), 603025 (ICT
Engineering (Computer Systems)), 603035 (Electrical Engineering),
603055 (Mechanical Engineering), 603060 (ICT Engineering), 603065 (ICT
Engineering (Telecommunications)), 603085 (ICT Engineering (Software)),
603095 (Civil Engineering (Construction)), 603105 (General degree, no
major), 603115 (Mechanical and Mechatronic Engineering), 603125
(Innovation Engineering), 603130 (Biomedical Engineering)
CRICOS code: 025003B

Commonwealth-supported place?: Yes

Load credit points: 204 Course EFTSL: 4.25 Location: City campus

Overview

This program is a comprehensive preparation for careers in the professional practice of engineering. Students learn to deal with complex systems and manage large-scale projects using the most appropriate emerging technologies.

The course offers an authentic, professionally focused and practice-based education program with two semesters of internship (normally paid) in a real workplace setting. A number of the areas of study are available with explicit specialisations. For example, ICT Engineering is available with sub-majors in Software, Computer Systems and Telecommunications. Civil Engineering is available with specialisations in Structures and Construction. Students can also focus on or broaden their studies by completing electives. By appropriate choice of electives, students can gain knowledge in a second engineering discipline, obtain a sub-major in a different field or study postgraduate degree subjects and apply for credit towards an engineering master's degree.

Course aims

The course aims to equip graduates with the skills and attributes needed for professional practice and leadership. It is based on the themes of academic development, personal development and professional formation. It provides sound foundations in engineering theory, technical expertise and knowledge of professional practice, while also developing academic literacy, advocacy skills and social awareness so that graduates become lifelong learners and effective citizens in many different capacities. The concept has been strongly endorsed in wide-ranging industry consultations. Interaction between work experience and academic curriculum is very strong, giving the program a depth that no other full-time academic course can match.

Career options

6ср

6ср

Career options depend on the major chosen.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Current school leavers are advised to submit a HSC Bonus Scheme Questionnaire to UTS by 2 December.

Non-current school leavers are advised to complete the employment question on their UAC application as bonus points may be awarded on the basis of relevant work experience.

27648

27348

6ср

 $The \, English \, proficiency \, requirement \, for \, international \, students \, or \, local \,$ applicants with international qualifications is: Academic IELTS: 6.0 overall with a writing score of 6.0; or TOEFL: paper based: 500-549 overall with TWE of 4.5, internet based: 60-78 overall with a writing score of 21; or DEEP: C; or PTE: 50-57; or CAE: 52-57

Eligibility for admission does not guarantee offer of a place.

Local students

Entry to individual engineering majors is subject to ATAR requirements.

International students

Applicants who successfully complete a recognised pathway program are eligible to apply.

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics Extension 1; Physics; and English Standard.

English Advanced is recommended.

Course duration and attendance

Full-time students normally complete the program in five years, which includes four years of study plus two periods of engineering internship in the workplace totalling at least 48 weeks. The internship is typically taken in the third or fourth semester and again in the seventh or eighth.

It is possible to complete the program entirely on a part-time basis, with continuous concurrent employment, by enrolling at half the full-time rate, however this is not recommended. Students wishing to make extensive use of part-time attendance are strongly encouraged to negotiate with their employers for at least two full-time semesters of study somewhere through the program.

Course structure

A total of 204 credit points is required for graduation, distributed in the following way:

- core program: 48 credit points
- engineering practice program: 12 credit points, plus 48 weeks of approved internship
- fields of practice (including a major capstone project): 120 credit points (credit points may vary depending on major), and
- electives (within this component students may undertake a faculty-approved sub-major totalling 24 credit points): 24 credit points (credit points may vary depending on sub-major). Students in the Civil Engineering major, Structures specialisation are required to complete 12 credit points of electives from approved postgraduate structural engineering subjects.

The degree may be taken with a designated major which students usually select at entry. Opportunities exist in later years for students to apply to change majors. Students may choose not to take a major and instead take a general program comprising subjects from different areas of engineering which must be approved by the director of UTS: Engineering undergraduate programs.

The Diploma in Engineering Practice is not offered separately.

Industrial training/professional practice

The Diploma in Engineering Practice requires the completion of two six-month internships and the Engineering Practice Program. Completing 12 months of relevant engineering experience before graduating enables students to link learning in the workplace and learning at University, with each experience enhancing the other.

Course completion requirements

CBK90011 Electives	24cp
STM90106 Core subjects	48cp
STM90271 Engineering practice program	12cp
CBK90173 Major choice	120cp
,	Total 204cp

Course program

Most of the subjects are offered in both Autumn and Spring semesters, sometimes as day classes and sometimes as evening classes. The programs provided below for each major show a suggested sequence for students undertaking the course full time for Autumn $commencement. \ This \ sequence \ may \ be \ impacted \ in \ future \ semesters$ by course changes, subject availability, or satisfactory academic progress. Internships may be taken in semesters other than those shown, but this may lengthen the time required to complete the course. The program for students undertaking the Civil Engineering major beyond Year 1 depends on which specialisation is chosen.

List of majors

CBK90010 No specified major	120cp
MAJ03001 Civil Engineering	120cp
MAJ03002 Civil and Environmental Engineering	120cp
MAJ03005 Electrical Engineering	120cp
MAJ03007 Mechanical Engineering	120cp
MAJ03012 Mechanical and Mechatronic Engineering	120cp
MAJ03446 ICT Engineering	120cp
MAJ03029 Innovation Engineering	120cp

Civil Engineering major, Autumn commencing, full time

Year 1

68037

Autumn semester

Physical Modelling

10010	7	r
48310	Introduction to Civil and Environmental	
	Engineering	6ср
48230	Engineering Communication	6ср
33130	Mathematical Modelling 1	6ср
Spring se	mester	
48321	Engineering Mechanics	6ср
48320	Surveying	6ср
33230	Mathematical Modelling 2	6ср
60101	Chemistry and Materials Science	6ср
Year 2		
Autumn s	emester	

48121	Engineering Practice Preview 1	3ср
48221	Engineering Computations	6ср
48240	Design Fundamentals	6ср
48331	Mechanics of Solids	6ср
48340	Construction	6ср

Spring semester

48110	Engineering Experience 1	0ср
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Year 3

Autumn semester

48250	Engineering Economics and Finance	6ср
48330	Soil Behaviour	6ср
48349	Structural Analysis	6cp
48352	Construction Materials	6cp
48122	Engineering Practice Review 1	3ср

Spring competer

Spining sen	Heatel	
48260	Engineering Project Management	6ср
48353	Concrete Design	6ср
48641	Fluid Mechanics	6cp
48370	Road and Transport Engineering	6cp

Year 4

Autumn semester

48141	Engineering Practice Preview 2	Зср
48270	Entrepreneurship and Commercialisation	6ср
48350	Environmental and Sanitation Engineering	6ср
48360	Geotechnical Engineering	6ср
Select 6 credit points of electives		6ср

Spring semester

	-		
4813	0 E	ngineering Experience 2	0ср

Year 5

Autumn semester

48142	Engineering Practice Review 2	3ср	
48016	Capstone Project Part A	6ср	
48366	Steel and Timber Design	6ср	
Select 12 credit points of electives		12cp	
Spring semester			

Spring semester					
48362	Hydraulics and Hydrology	6ср			
48389	Computer Modelling and Design	6ср			
48026	Capstone Project Part B	6ср			
Select 6 credit points of electives					

	jineering major, Construction specialisa commencing	ation,			gineering major, Structures specialisation, commencing	
Year 1				Year 1		
Autumn s	emester				semester	
68037 48310	Physical Modelling Introduction to Civil and Environmental		6ср	68037 48310	Physical Modelling Introduction to Civil and Environmental	6ср
	Engineering		6ср		Engineering	6ср
48230	Engineering Communication		6cp	48230 33130	Engineering Communication	6cp
33130	Mathematical Modelling 1		6ср		Mathematical Modelling 1	6ср
Spring se			6	Spring so		
48321 48320	Engineering Mechanics Surveying		6ср 6ср	48321 48320	Engineering Mechanics Surveying	6ср 6ср
33230	Mathematical Modelling 2		6ср	33230	Mathematical Modelling 2	6ср
60101	Chemistry and Materials Science		6cp	60101	Chemistry and Materials Science	6cp
Year 2				Year 2		
Autumn s	emester			Autumn	semester	
48221	Engineering Computations		6ср	48121	Engineering Practice Preview 1	Зср
48240 48331	Design Fundamentals Mechanics of Solids		6ср 6ср	48221 48240	Engineering Computations Design Fundamentals	6cp
48340	Construction		6ср	48331	Mechanics of Solids	6ср 6ср
48121	Engineering Practice Preview 1		3cp	48340	Construction	6cp
Spring se	mester			Spring s	emester	
48110	Engineering Experience 1		0ср	48110	Engineering Experience 1	0cp
Year 3				Year 3		
Autumn s	emester			Autumn	semester	
48250	Engineering Economics and Finance		6ср	48250	Engineering Economics and Finance	6ср
48330	Soil Behaviour		6cp	48330	Soil Behaviour	6cp
48349 48352	Structural Analysis Construction Materials		6ср 6ср	48349 48352	Structural Analysis Construction Materials	6ср 6ср
48122	Engineering Practice Review 1		3ср	48122	Engineering Practice Review 1	3ср
Spring se	mester			Spring s	emester	
48260	Engineering Project Management		6ср	48260	Engineering Project Management	6ср
48353	Concrete Design		6ср	48353	Concrete Design	6ср
48641 16265	Fluid Mechanics Construction Technology 2		6ср 6ср	48641	Fluid Mechanics	6ср
Year 4	Construction Technology 2		оср		credit points of electives	6ср
Autumn s	emester			Year 4		
48141	Engineering Practice Preview 2		3ср		semester	
48360	Geotechnical Engineering		6cp	48141 48270	Engineering Practice Preview 2 Entrepreneurship and Commercialisation	3ср 6ср
16912	Site Management		6ср	48360	Geotechnical Engineering	6ср
Select 12	credit points of electives		12cp	Select 6 o	credit points from the following options:	6ср
Spring se	mester			48350	Environmental and Sanitation Engineering 6cp	•
48130	Engineering Experience 2		0ср	48370	Road and Transport Engineering 6cp	
Year 5				Select 6 o	credit points of electives	6ср
Autumn s				48130	Engineering Experience 2	0ср
48362 48142	Hydraulics and Hydrology Engineering Practice Review 2		6ср 3ср		Englicering Experience 2	оср
48016	Capstone Project Part A		6ср	Year 5		
Select 6 c	redit points from the following options:		6ср		semester	
16314	Construction Technology 3	6ср	I	48371 48016	Advanced Engineering Computing Capstone Project Part A	6cp
16422	Construction Technology 4	6cp		48366	Steel and Timber Design	6ср 6ср
16913 48850	Time and Quality Management Environmental Planning and Law	6ср 6ср		48142	Engineering Practice Review 2	3cp
48370	Road and Transport Engineering	6ср		Select 6 o	credit points of electives	6ср
Select 6 c	redit points of electives	-	6ср	Spring s	emester	
Spring se	=		···I	48362	Hydraulics and Hydrology	6ср
48270	Entrepreneurship and Commercialisation		6ср	48389	Computer Modelling and Design	6ср
48026	Capstone Project Part B		6cp	48026	Capstone Project Part B	6ср
	redit points from the following options:	6	6ср		credit points of electives	6ср
16314 16422	Construction Technology 3 Construction Technology 4	6ср 6ср		Civil and	d Environmental Engineering major, Autumn	
16913 48850	Time and Quality Management	6cp			9	
48850 48370	Environmental Planning and Law Road and Transport Engineering	6ср 6ср		Year 1		
	redit points of electives	J-P	6cn		semester	
ociect o C	cean points of electives		6ср	68037 48230	Physical Modelling Engineering Communication	6cp
				48310	Engineering Communication Introduction to Civil and Environmental	6ср
					Engineering	6ср
				33130	Mathematical Modelling 1	6ср

Spring ser	mester		Year 3			
48321	Engineering Mechanics	6ср	Autumn s	emester		
48320	Surveying Mathematical Modelling 2	6cp	48250	Engineering Economics and Finance		6ср
33230 65111	Mathematical Modelling 2 Chemistry 1	6ср 6ср	48531	Electromechanical Automation		6ср
	Chemiotry 1	оср	48540 48122	Signals and Systems		6cp
Year 2				Engineering Practice Review 1		Зср
Autumn se 48121	emester Engineering Practice Preview 1	3ср		edit points of electives		6ср
48221	Engineering Computations	6ср	Spring sei			600
48240	Design Fundamentals	6ср	48260	Engineering Project Management		6ср
48340	Construction	6ср		redit points from the following options:	(12cp
48821	Ecological Engineering	6ср	48451 48560	Advanced Digital Systems Introductory Control	6ср 6ср	
Spring ser	mester		48570	Data Acquisition and Distribution	6ср	
48110	Engineering Experience 1	0cp	48571	Electrical Machines	6ср	
Year 3			48572	Power Circuit Theory	6ср	
Autumn se				edit points of electives		6ср
48250	Engineering Economics and Finance	6ср	Year 4			
48352	Construction Materials	6cp	Autumn s	emester		
48641 48840	Fluid Mechanics Water Supply and Wastewater Engineering	6ср 6ср	48270	Entrepreneurship and Commercialisation		6ср
48122	Engineering Practice Review 1	3ср	48141	Engineering Practice Preview 2		Зср
Spring ser		1	Select one	subject from the following:		6ср
48260	Engineering Project Management	6ср	48580	Advanced Control	6ср	_
48331	Mechanics of Solids	6ср	48581	Digital Electronics	6cp	
48850	Environmental Planning and Law	6ср	48434 48561	Embedded Software Power Electronics and Drives	6cp	
Select 6 cr	edit points of electives	6ср	48582	Power Systems Analysis and Design	6ср 6ср	
Year 4	1	1		subject from the following:	1	6ср
_	a mastar		48451	Advanced Digital Systems	6ср	1
Autumn se 48141	Engineering Practice Preview 2	200	48560	Introductory Control	6cp	
48330	Soil Behaviour	3ср 6ср	48570 48571	Data Acquisition and Distribution Electrical Machines	6ср 6ср	
48342	Structural Behaviour and Design	6ср	48572	Power Circuit Theory	6ср	
48362	Hydraulics and Hydrology	6cp		,	··r	6an
48270	Entrepreneurship and Commercialisation	6ср	Spring se	edit points of electives		6ср
Spring ser			48130	Engineering Experience 2		0ср
48130	Engineering Experience 2	0ср		Engineering Experience 2		оср
Year 5			Year 5			
Autumn se			Autumn s			(
48370	Road and Transport Engineering	6cp	48016 48142	Capstone Project Part A Engineering Practice Review 2		6ср 3ср
48860 48881	Pollution Control and Waste Management Water and Environmental Design	6cp		0 0		
48016	Capstone Project Part A	6ср 6ср	48434	subjects from the following: Embedded Software	6ср	12cp
48142	Engineering Practice Review 2	3ср	48561	Power Electronics and Drives	6ср	
Spring ser		_	48580	Advanced Control	6cp	
48026	Capstone Project Part B	6ср	48581	Digital Electronics	6cp	
Select 18 c	redit points of electives	18cp	48582	Power Systems Analysis and Design	6ср	
	1	тоср	Select one 49274	subject from the following: Advanced Robotics	6cn	6ср
Electrica	l Engineering major, Autumn commencing		48551	Analog Electronics	6ср 6ср	
Year 1			48450	Real-time Operating Systems	6cp	
Autumn se	emester		48550	Renewable Energy Systems	6cp	
33130	Mathematical Modelling 1	6ср	48583	Power Systems Operation and Protection	6ср	
48230	Engineering Communication	6cp	Spring se	mester		
48510	Introduction to Electrical Engineering	6ср	48026	Capstone Project Part B		6ср
68037	Physical Modelling	6ср	Select 12 c	redit points from the following options:		12cp
Spring ser			48450	Real-time Operating Systems	6cp	
33230	Mathematical Modelling 2	6cp	48550	Renewable Energy Systems	6cp	
48441 48521	Introductory Digital Systems	6cp	48551 48583	Analog Electronics Power Systems Operation and Protection	6ср 6ср	
48520	Fundamentals of Electrical Engineering Electronics and Circuits	6ср 6ср	49274	Advanced Robotics	6ср	
Year 2		Г	Select 6 cr	edit points of electives	•	6ср
Autumn se	emester			or, Computer Systems sub-major, Autu	ımn	1
48121	Engineering Practice Preview 1	3ср	commen			
48240	Design Fundamentals	6ср		9		
48430	Embedded C	6cp	Year 1			
48530	Circuit Analysis	6cp	Autumn s			
68038	Advanced Mathematics and Physics	6ср	33130	Mathematical Modelling 1		6ср
Spring ser			48230	Engineering Communication		6cp
48110	Engineering Experience 1	0ср	68037 48410	Physical Modelling Introduction to ICT Engineering		6ср 6ср
			-	0 0		1

Spring se	emester		Year 2			
33230	Mathematical Modelling 2	6ср		samastar.		
48023	Programming Fundamentals	6ср		semester		,
48510	Introduction to Electrical Engineering	6cp	48024	Applications Programming		6cp
48720	Network Fundamentals	6ср	48240	Design Fundamentals		6ср
V 2		1	48541 48441	Signal Theory Introductory Digital Systems		6cp
Year 2			48121	Engineering Practice Preview 1		6ср 3ср
Autumn s				ŭ ŭ		r
48240	Design Fundamentals	6ср	Spring s			0
48441	Introductory Digital Systems	6ср	48110	Engineering Experience 1		0cp
48520	Electronics and Circuits	6cp	Year 3			
48541	Signal Theory	6cp	Autuman	samastar		
48121	Engineering Practice Preview 1	3ср		semester		2
Spring se	emester		48122 48250	Engineering Practice Review 1 Engineering Economics and Finance		3cp
48110	Engineering Experience 1	0ср	48430	Embedded C		6ср 6ср
Year 3			48440	Software Engineering Practice		6ср
				0 0		-
Autumn				credit points from the following options: 66 ICT choice	18cp	6ср
48250	Engineering Economics and Finance	6cp			тоср	
48430	Embedded C	6cp	Spring s			
48451 48122	Advanced Digital Systems Engineering Practice Review 1	6cp	48434	Embedded Software		6ср
	0 0	Зср	48433	Software Architecture		6cp
	redit points from the following options:	6ср	48260	Engineering Project Management		6ср
CBK9036	6 ICT choice	18cp		credit points from the following options:		6ср
Spring se	emester		CBK9036	66 ICT choice	18cp	
48260	Engineering Project Management	6ср	Year 4			
48434	Embedded Software	6cp	_			
48570	Data Acquisition and Distribution	6ср		semester		_
Select 6 c	redit points from the following options:	6ср	48141	Engineering Practice Preview 2		3cp
	6 ICT choice	18cp	48270 48450	Entrepreneurship and Commercialisation		6cp
Year 4		•		Real-time Operating Systems		6cp
Autumn s	semester			credit points from the following options: 66 ICT choice	18cp	6ср
48141	Engineering Practice Preview 2	3ср			1	600
48270	Entrepreneurship and Commercialisation	6ср		credit points of electives		6ср
48450	Real-time Operating Systems	6cp	Spring s			
Select 6 c	redit points from the following options:	6ср	48130	Engineering Experience 2		0ср
	6 ICT choice	18ср	Year 5			
Soloct 6 c	redit points of electives	6ср	Autumn	semester		
	-	оср	48210	Interrogating Technology: Sustainability,		
Spring se			40210	Environment and Social Change		6ср
48130	Engineering Experience 2	0ср	48471	ICT Analysis		6ср
Year 5			48016	Capstone Project Part A		6cp
	- master		48142	Engineering Practice Review 2		3ср
Autumn s			Select 6 o	credit points of electives		6ср
48210	Interrogating Technology: Sustainability,	6 an		=		ocp
48471	Environment and Social Change ICT Analysis	6cp	Spring s			
48016	Capstone Project Part A	6ср 6ср	48481	ICT Design		6cp
48142	Engineering Practice Review 2	3ср	48026	Capstone Project Part B		6ср
	redit points of electives	_	Select 12	credit points of electives		12cp
	ı	6ср	ICTE ma	ajor, Telecommunications Eng sub-majo	r Anti	ımn
Spring se			comme		n, Auto	•••••
48481	ICT Design	6cp	Comme	incling		
48026	Capstone Project Part B	6ср	Year 1			
Select 12	credit points of electives	12cp	Autumn	semester		
ICTE ma	ijor, Software Engineering sub-major, A	utumn	33130	Mathematical Modelling 1		6ср
	- <u>-</u>	ataiiii	48230	Engineering Communication		6cp
commer	icing		68037	Physical Modelling		6ср
Year 1			48410	Introduction to ICT Engineering		6ср
Autumn		_	Spring s			(
33130	Mathematical Modelling 1	6cp	33230	Mathematical Modelling 2		6cp
48230	Engineering Communication	6cp	48023 48510	Programming Fundamentals Introduction to Electrical Engineering		6cp
68037 48410	Physical Modelling	6cp	48720	Introduction to Electrical Engineering Network Fundamentals		6ср 6ср
	Introduction to ICT Engineering	6ср		1.0000 and		σер
Spring se		,	Year 2			
33230	Mathematical Modelling 2	6cp	Autumn	semester		
48023	Programming Fundamentals	6cp	48240	Design Fundamentals		6ср
48510 48720	Introduction to Electrical Engineering Network Fundamentals	6cp	48441	Introductory Digital Systems		6cp
10720	1 VCWOIK I UIIGUIICIIGIS	6ср	48541	Signal Theory		6ср
			48740	Communications Networks		6ср
			48121	Engineering Practice Preview 1		Зср

10110	emester		Spring s	cilieste.	
18110	Engineering Experience 1	0ср	48250	Engineering Economics and Finance	6cr
	8 - 8 1	I	48650	Mechanical Design 2	6cr
rear 3			48651	Thermodynamics	6cr
\utumn	samastar		48660	Dynamics and Control	
	semester		40000	Dynamics and Control	6cp
18122	Engineering Practice Review 1	Зср	Year 4		
18250	Engineering Economics and Finance	6ср			
18730	Authentication and System Security	6cp	Autumn	semester	
18770	Continuous Communications	6ср	48141	Engineering Practice Preview 2	Зср
10770	Continuous Communications	оср	48260	Engineering Project Management	
Select 6 c	redit points from the following options:	6ср			6cr
	56 ICT choice 18cp		48663	Advanced Manufacturing	6cp
	-	•	48601	Mechanical Vibration and Measurement	6cp
Spring se	emester		48661	Heat Transfer	6cp
18260	Engineering Project Management	6cn			- 1
		6ср	Spring s	emester	
18750	Network Planning and Management	6ср	48130	Engineering Experience 2	0cp
18771	Discrete Communications	6ср	10150	Engineering Experience 2	loop
Coloot 6 o	wadit paints of alastices	6.00	Year 5		
belect o c	credit points of electives	6ср			
Year 4			Autumn	semester	
icui -			48670	Mechanical and Mechatronic Design	6cr
Autumn s	semester		48016	Capstone Project Part A	6cr
18141		200			
	Engineering Practice Preview 2	Зср	48142	Engineering Practice Review 2	3cr
18270	Entrepreneurship and Commercialisation	6ср	Select 12	credit points of electives	12cp
18780	Mobile Communications	6ср	Sciect 12	create points of creatives	12-01
2-110	and the sinte from the fall and a settlemen	10	Spring s	emester	
	credit points from the following options:	12cp	48270	Entrepreneurship and Commercialisation	60
CBK9036	66 ICT choice 18cp)			6cr
·!			48026	Capstone Project Part B	6cp
Spring se	emester		Soloct 12	credit points of electives	12cr
18130	Engineering Experience 2	0ср	Select 12	credit points of electives	120
	0 0 1	1	Maaham	isal and Machatusnia Fusinassina maisa. Au	
rear 5			mecnan	ical and Mechatronic Engineering major, Au	tumn
A			comme	ncing	
Autumn s	semester			•	
18210	Interrogating Technology: Sustainability,		Year 1		
	Environment and Social Change	6ср			
18016	Capstone Project Part A	. *	Autumn	semester	
	_ *	6ср	33130	Mathematical Modelling 1	6cp
18471	ICT Analysis	6ср	48230	Engineering Communication	6cr
18142	Engineering Practice Review 2	Зср	48610		lock
Coloct 6 o	modit mainte of elections	6.00	40010	Introduction to Mechanical and Mechatronic	,
belect o c	credit points of electives	6ср		Engineering	6cp
Spring se	emester		68037	Physical Modelling	6cp
		(Carina	o mo a to r	
18481	ICT Design	6cp	Spring s	emester	
18026	Capstone Project Part B	6ср	33230	Mathematical Modelling 2	6cr
1 at 10	and the sinte of alastics	10	48510	Introduction to Electrical Engineering	6cp
beiect 12	credit points of electives	12cp	48620	Fundamentals of Mechanical Engineering	6cr
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Year 5

Autumn semester

48016 48670 48142	Capstone Project Part A Mechanical and Mechatronic Design Engineering Practice Review 2	6ср 6ср 3ср
Select 12	credit points of electives	12cp
Spring s	emester	
48270 48026	Entrepreneurship and Commercialisation Capstone Project Part B	6ср 6ср
Select 12 credit points of electives		

Levels of award

The Bachelor of Engineering Diploma in Engineering Practice may be awarded with first or second class honours for meritorious performance in the course as a whole.

Professional recognition

The Bachelor of Engineering is accredited by Engineers Australia (under the Washington Accord the degree is internationally recognised by countries including the UK, USA, Hong Kong China, Malaysia, Korea, Japan, Ireland, New Zealand, Canada, Chinese Taipei, Russia, Singapore, South Africa and Turkey). The Diploma in Engineering Practice allows students to accelerate their entry into the engineering profession as a chartered professional engineer by reducing the time required for professional experience after graduation.

Other information

Further information is available from: Building 1 Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

C10062v4 Bachelor of Engineering Bachelor of Arts in International Studies Diploma in Engineering Practice

Award(s): Bachelor of Engineering in (name of Engineering major)
Diploma in Engineering Practice (BE DipEngPrac)
Bachelor of Arts in International Studies (BA)

CRICOS code: 043948C

Commonwealth-supported place?: Yes

Load credit points: 252 Course EFTSL: 5.25 Location: City campus

Overview

This combined degree, offered jointly by UTS: Engineering and UTS: International Studies, links the Bachelor of Engineering Diploma in Engineering Practice (C10061) (see page 140) with the study of a language and culture other than English.

This combined degree offers a shortened version of the Bachelor of Arts International Studies together with a shortened version of the Bachelor of Engineering Diploma of Engineering Practice. Students who choose this course have less opportunity to elect specialist areas of study. On completion, students receive separate testamurs for each degree.

Course aims

The purpose of the program is to develop skills for leadership in the professional practice of engineering in an international setting. It reflects a belief in the international character of engineering, and the conviction that Australian professionals can benefit from the early development of an international perspective and a fluency in crosscultural interactions.

Career options

Career options depend on the major chosen. Options are enhanced by international experience, making students more marketable to prospective employers.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Admission to the combined degree is on merit according to the admissions policy for the Bachelor of Engineering (C10067) (see page 152).

There is a range of entry levels to the various language and culture programs. Students are admitted to the international studies program with no guarantee of entry to a specific major, although every effort is made to meet students' preferences.

Current school leavers are advised to submit a HSC Bonus Scheme Questionnaire to UTS by 2 December.

Non-current school leavers are advised to complete the employment question on their UAC application as bonus points may be awarded on the basis of relevant work experience.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Local students

Entry to individual engineering majors is subject to ATAR requirements.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances

Assumed knowledge

There are no prior language requirements for the international studies program (see page 87).

Course duration and attendance

The course duration is normally six years of full-time study, although it may be possible to complete the degree in less time than this.

The program involves four years of academic work in Australia, one year of academic work overseas and two periods of engineering internship. The periods of engineering internship can be taken in Australia, or one in Australia and one overseas.

Course structure

The course comprises a total of 252 credit points, made up of 156 credit points relating to engineering and 96 credit points relating to international studies. The Bachelor of Arts in International Studies requires students to study a region or country major over a minimum of three years. The Bachelor of Arts in International Studies is not offered as a separate degree, but is completed only in combination with the professional degree program. The engineering component of this degree is made up of subjects selected from the engineering core, the engineering practice program and the engineering fields of practice (majors) subjects. The international studies component is made up of subjects in language and culture, foundations in international studies, and contemporary society, and study undertaken in the country of the student's chosen international studies major.

Overseas study

Students spend their fourth year of study at a university overseas.

Industrial training/professional practice

Students undertake a minimum of 48 weeks of engineering internship. Some students choose to take their first period of engineering internship overseas, during their second or third year of enrolment. Most take this first period in Australia. This course is also available without the Diploma in Engineering Practice. For details, refer to the Bachelor of Engineering Bachelor of Arts in International Studies (C10063) (see page 147).

Course completion requirements

course completion requirements	
CBK90005 Country major choice	96ср
STM90107 Core subjects (Engineering)	42cp
STM90271 Engineering practice program	12cp
CBK90174 Major choice (Engineering)	102cp
, , , , , , , , , , , , , , , , , , , ,	Total 252cp

Course program

The example program below is for a full-time, Autumn-commencing student with electrical engineering as the engineering major and Germany as the international studies major. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major. For further information, please contact the appropriate UTS Student Centre.

LI	st	0t	mai	ıors

CBK90053	No specified major	102cp
MAJ03013	Civil Engineering	102cp
MAJ03014	Civil and Environmental Engineering	102cp
MAJ03017	Electrical Engineering	102cp
MAJ03019	Mechanical Engineering	102cp
MAJ03448	ICT Engineering	102cp

Year 1

33130

Autumn semester

48230	Engineering Communication	6cp
68037	Physical Modelling	6cp
48510	Introduction to Electrical Engineering	6ср
Spring se	mester	
33230	Mathematical Modelling 2	6ср
48441	Introductory Digital Systems	6cp
48521	Fundamentals of Electrical Engineering	6cp

Mathematical Modelling 1

Electronics and Circuits

48520 Year 2

Autumn semester

976001	Foundations in International Studies	8ср
48121	Engineering Practice Preview 1	3cp
97601	German Language and Culture 1	8cp
48530	Circuit Analysis	6ср
Spring ser	nester	
48110	Engineering Experience 1	Оср
97602	German Language and Culture 2	8cp

Year 3

Autumn semester

97603	German Language and Culture 3	8ср
48122	Engineering Practice Review 1	3ср
48430	Embedded C	6cp
48531	Electromechanical Automation	6ср
Spring se	mester	
68038	Advanced Mathematics and Physics	6ср
48240	Design Fundamentals	6ср
97604	German Language and Culture 4	8cp
976421	Contemporary Germany	8cp

Year 4

Autumn semester

)// 1 120	in-country study 1. Germany	2401
Spring se	emester	
978420	In-country Study 2: Germany	24cp

In country Study 1: Cormany

Engineering Experience 2

Year 5

48130

Autumn semester

Autumn Semester				
48260	Engineering Project Management		6ср	
48141	Engineering Practice Preview 2		Зср	
48250	Engineering Economics and Finance		6ср	
Select 12 c	redit points from the following options:		12cp	
48560	Introductory Control	6ср	-	
48570	Data Acquisition and Distribution	6ср		
48451	Advanced Digital Systems	6ср		
48571	Electrical Machines	6ср		
48572	Power Circuit Theory	6ср		
Spring semester				

Year 6

Autumn semester

48142 48540 48016	Engineering Practice Review 2 Signals and Systems Capstone Project Part A		3ср 6ср 6ср
Select 12 c 48580 48581 48434 48561 48582	redit points from the following options: Advanced Control Digital Electronics Embedded Software Power Electronics and Drives Power Systems Analysis and Design	6cp 6cp 6cp 6cp	12cp
Spring ser	mester		
48026	Capstone Project Part B		6cp
Select 12 c 49274 48551 48450 48550 48583	redit points from the following options: Advanced Robotics Analog Electronics Real-time Operating Systems Renewable Energy Systems Power Systems Operation and Protection	6cp 6cp 6cp 6cp	12cp

Levels of award

6cp

6ср

The Bachelor of Engineering Diploma in Engineering Practice may be awarded with first or second class honours for meritorious performance in the course as a whole.

Transfer between UTS courses

It is not possible to complete either degree at an intermediate point. However, a student unable for any reason to continue with international studies could transfer to the Bachelor of Engineering Diploma in Engineering Practice.

Professional recognition

The Bachelor of Engineering is accredited by Engineers Australia (under the Washington Accord the degree is internationally recognised by countries including the UK, USA, Hong Kong China, Malaysia, Korea, Japan, Ireland, New Zealand, Canada, Chinese Taipei, Russia, Singapore, South Africa and Turkey).

Other information

Further information is available from:

Building 1 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10063v5 Bachelor of Engineering **Bachelor of Arts in International** Studies

Award(s): Bachelor of Engineering in (name of Engineering major) (BE)

Bachelor of Arts in International Studies (BA)

UAC code: 609032 CRICOS code: 052693B

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Overview

This combined degree, offered jointly by UTS: Engineering and UTS: International Studies, links the Bachelor of Engineering (C10067) (see page 152) with the study of a language and culture other than English.

This combined degree offers a shortened version of the Bachelor of Arts International Studies together with a shortened version of the Bachelor of Engineering. Students who choose this course have less opportunity to elect specialist areas of study. On completion, students receive separate testamurs for each degree.

Course aims

0cp

The purpose of the course is to develop skills for leadership in the professional practice of engineering in an international setting. It reflects a belief in the international character of engineering and the conviction that Australian professionals can benefit from the early development of an international perspective and a fluency in crosscultural interactions.

Career options

Career options depend on the major chosen. Options are enhanced by international experience, making students more marketable to prospective employers.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Admission to the combined degree is on merit according to the admissions policy for the Bachelor of Engineering (C10067) (see page 152).

There is a range of entry levels to the various language and culture programs. Students are admitted to the international studies program with no guarantee of entry to a specific major, although every effort is made to meet students' preferences.

Current school leavers are advised to submit a HSC Bonus Scheme Questionnaire to UTS by 2 December.

Non-current school leavers are advised to complete the employment question on their UAC application as bonus points may be awarded on the basis of relevant work experience.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Local students

Entry to individual engineering majors is subject to ATAR requirements.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

There are no prior language requirements for the international studies program (see page 87).

Course duration and attendance

The course duration is normally five years of full-time study, although it may be possible to complete the degree in less time than this. Students spend two semesters of study at a university or other higher education institution in the country of their major.

Course structure

The program comprises a total of 240 credit points, made up of 144 credit points relating to engineering and 96 credit points relating to international studies. The Bachelor of Arts in International Studies requires students to study a region or country major over a minimum of three years. The Bachelor of Arts in International Studies is not offered as a separate degree, but is completed only in combination with the professional degree program. The engineering component is made up of subjects selected from the engineering core and the engineering fields of practice (majors). The international studies component is made up of subjects in language and culture, foundations in international studies, and contemporary society, and study undertaken in the country of the student's chosen international studies major.

Overseas study

Students spend their fourth year of study at a university overseas.

Industrial training/professional practice

Students graduating without the Diploma in Engineering Practice are required to obtain the equivalent of at least 12 weeks exposure to professional engineering practice, preferably outside the university environment. For further details, refer to 48100 Professional Practice.

Course completion requirements

CBK90005	Country major choice	96cp
STM90107	Core subjects (Engineering)	42cp
CBK90174	Major choice (Engineering)	102cp
48100	Professional Practice (BE)	0cp
		Total 240cn

Course program

The program for this course is the same as that for the Bachelor of Engineering Bachelor of Arts in International Studies Diploma in Engineering Practice (C10062) (see page 146), but without the two semester-long internships and associate Diploma in Engineering Practice subjects.

Levels of award

The Bachelor of Engineering may be awarded with first or second class honours for meritorious performance in the course as a whole.

Transfer between UTS courses

It is not possible to complete either degree at an intermediate point. However, a student unable for any reason to continue with international studies could transfer to the Bachelor of Engineering Diploma in Engineering Practice (C10061) (see page 140).

Professional recognition

The Bachelor of Engineering is accredited by Engineers Australia (under the Washington Accord the degree is internationally recognised by countries including the UK, USA, Hong Kong China, Malaysia, Korea, Japan, Ireland, New Zealand, Canada, Chinese Taipei, Russia, Singapore, South Africa and Turkey).

Other information

Further information is available from: Building 1 Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10065v8 Bachelor of Engineering Bachelor of Business

Award(s): Bachelor of Engineering in (name of Engineering major) (BE)

Bachelor of Business (BBus) UAC code: 609350

CRICOS code: 030574B Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Overview 3 4 1

This combined degree is offered jointly by UTS: Engineering and UTS: Business. It allows students to complete the core and major components of both the engineering and business degrees, producing engineers with skills in commercialisation of technology innovation and business graduates with professional-level competency in technology use.

Students learn how engineering and business fit together, how to manage technology and innovation, and how to commercialise engineering innovations. For graduates choosing to practise as engineers, the business knowledge gained in this course will prove invaluable in providing a sound foundation for entrepreneurial initiatives and the commercialisation of engineering innovations.

This combined degree can be completed in less time than would be required to complete the two degrees separately.

Career options

Career options include working in a business career applying advanced technology in commercial settings or practising as an engineer where business knowledge helps to ensure success in commercialisation of engineering innovations. The course provides excellent training for senior management roles.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Current school leavers are advised to submit a HSC Bonus Scheme Questionnaire to UTS by 2 December.

Non-current school leavers are advised to complete the employment question on their UAC application as bonus points may be awarded on the basis of relevant work experience.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Local students

To be admitted to this combined degree, applicants must achieve an ATAR rank no lower than five points below the rank for the Bachelor of Business single degree.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

 $Mathematics\ Extension\ 1;\ Physics;\ and\ English\ Standard.$

English Advanced is recommended.

Course duration and attendance

The program may be completed on a five-year, full-time or equivalent part-time basis.

Course structure

The program comprises a total of 240 credit points, made up of 150 credit points relating to the Bachelor of Engineering and 90 credit points relating to the Bachelor of Business. Students wishing to graduate from the engineering component of the combined degree prior to completion of the business component must have completed the business core subjects (STM90108) and at least 30 credit points from their chosen business major (CBK90169).

Industrial training/professional practice

Students graduating with a Bachelor of Engineering without the Diploma in Engineering Practice are required to obtain the equivalent of at least 12 weeks exposure to professional engineering practice. For further details, refer to 48100 Professional Practice.

Course completion requirements

STM90272	Core subjects (Engineering)	36ср
STM90108	Core subjects (Business)	42cp
CBK90169	Major choice (Business)	48cp
CBK90176	Major choice (Engineering)	114cp
48100	Professional Practice (BE)	0cp
		Total 240cp

Course program

A typical program for a student attending full time would be that shown for the Bachelor of Engineering Bachelor of Business Diploma in Engineering Practice (C10068) (see page 157), but with semesters moved forward to replace the semesters in which students in the Bachelor of Engineering Bachelor of Business Diploma in Engineering Practice undertake the Diploma in Engineering Practice.

Levels of award

The Bachelor of Engineering may be awarded with first or second class honours for meritorious performance in the course as a whole.

Transfer between UTS courses

Students wishing to transfer from the combined degree to the Bachelor of Business (C10026) (see page 131) single degree are required to apply for admission through UAC in the non-current school leaver category.

Professional recognition

The Bachelor of Engineering is accredited by Engineers Australia (under the Washington Accord the degree is internationally recognised by countries including the UK, USA, Hong Kong China, Malaysia, Korea, Japan, Ireland, New Zealand, Canada, Chinese Taipei, Russia, Singapore, South Africa and Turkey). Refer to the Bachelor of Business for details on professional recognition.

Other information

Further information is available from:

Building 1 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10066v4 Bachelor of Engineering Science

Award(s): Bachelor of Engineering Science in (name of Engineering major)

(BEngSc)

CRICOS code: 033909D

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Note(s)

This course is only offered to new international students. Local students in an existing UTS course may be able to transfer into it.

This course is also offered offshore. It is available in Hong Kong. The language of tuition is English.

Local students are advised to refer to the Bachelor of Engineering Diploma in Engineering Practice (C10061) (see page 140), which includes industry experience and provides a comprehensive preparation for a career in the engineering profession.

Overview

This course is an engineering technologist-level program which is similar in nature to the Bachelor of Engineering (C10067) (see page 152) but does not provide full professional engineering status.

This course provides students with the skills required at an engineering technologist level - and hence the ability to work with professional engineers - without developing full professional engineering competencies.

Career options

Career options include positions in engineering teams across the full spectrum of engineering activities. Specific career options depend on the major chosen.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.0 overall with a writing score of 6.0; or TOEFL: paper based: 500-549 overall with TWE of 4.5, internet based: 60-78 overall with a writing score of 21; or DEEP: C; or PTE: 50-57; or CAE: 52-57

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics Extension 1; Physics; and English Standard. English Advanced is recommended.

Course duration and attendance

The course can be completed in three years of full-time study.

Course structure

A total of 144 credit points is required for graduation, distributed in the following way:

- core program (including the Project BEngSc): 42 credit points
- fields of practice (including a major BEngSc project): 84 credit points, and
- electives: 18 credit points.

The degree may be taken with a designated major which students usually select at entry. Opportunities exist in later years for students to apply to change majors. Students may choose not to take a major, instead taking a general program comprising subjects from different areas of engineering as approved by the director of UTS: Engineering Undergraduate Programs.

Course completion requirements

STM90356 Core subjects	36cp
CBK90228 Electives	18cp
48001 Project BEngSc	6cp
CBK90178 Major choice	84cp
,	Total 144cp

Course program

Most subjects are offered in Spring and Autumn semesters, sometimes as day classes and sometimes as evening classes. The programs shown below for each major show a suggested sequence for students undertaking the course full time. The subjects taken in any one semester are determined by what is on offer and any subject requisites.

List of majors

MAJ03134	Civil Engineering	84cp
MAJ03139	Mechanical Engineering	84cp
MAJ03412	Civil and Environmental Engineering	84cp
MAJ03413	Electrical Engineering	84cp
MAJ03024	Innovation Engineering	84cp
MAJ03447	ICT Engineering	84cp
STM90357	No specified major	84cp

Civil Engineering major

Year 1

Autumn semester

48230	Engineering Communication	6ср
33130	Mathematical Modelling 1	6cp
68037	Physical Modelling	6cp
48310	Introduction to Civil and Environmental	•
	Engineering	6ср
Spring s	emester	

33230	Mathematical Modelling 2	6ср
60101	Chemistry and Materials Science	6ср
48321	Engineering Mechanics	6ср
48320	Surveying	6ср

Year 2

Autumn semester

48221 48240 48331 48641	Engineering Computations Design Fundamentals Mechanics of Solids Fluid Mechanics	6cp 6cp 6cp		
Spring se	mester			
48250Engineering Economics and Finance6c48340Construction6c48350Environmental and Sanitation Engineering6c				
Select 6 credit points of electives 6cr				

Year 3

Autumn comostor

Autumn s	emester		
48330	Soil Behaviour	6ср	
48349	Structural Analysis	6ср	
48352	Construction Materials	6ср	
48210	Interrogating Technology: Sustainability,		
	Environment and Social Change	6ср	
Spring ser	mester		
48001	Project BEngSc	6ср	
48353	Concrete Design	6cp	
Select 12 credit points of electives 12cp			

Civil and Environmental Engineering major

Year 1				
Autumn s	emester			
48230 48310	Engineering Communication 6cp Introduction to Civil and Environmental			
33130 68037	Engineering Mathematical Modelling 1 Physical Modelling	6cp 6cp 6cp		
Spring ser	mester			
65111 33230 48321 48320	Chemistry 1 Mathematical Modelling 2 Engineering Mechanics Surveying	6cp 6cp 6cp 6cp		
Year 2				
Autumn s	emester			
48221 48240 48331 48641	Engineering Computations Design Fundamentals Mechanics of Solids Fluid Mechanics	6cp 6cp 6cp		
Spring ser				
48250 48340 48821 48840	Engineering Economics and Finance Construction Ecological Engineering Water Supply and Wastewater Engineering	6cp 6cp 6cp		
Year 3				
Autumn s	emester			
48210	Interrogating Technology: Sustainability,	6cn		
48330 48352 48850	Environment and Social Change Soil Behaviour Construction Materials Environmental Planning and Law	6cp 6cp 6cp 6cp		
Spring ser	mester			
48001	Project BEngSc	6ср		
Select 18 c	redit points of electives	18cp		
Electrica	l Engineering major			
Year 1				
Autumn s				
33130 48230	Mathematical Modelling 1 Engineering Communication	6cp 6cp		
48510 68037	Introduction to Electrical Engineering Physical Modelling	6cp 6cp		
Spring ser				
33230 48441	Mathematical Modelling 2 Introductory Digital Systems	6cp 6cp		
48521 48520	Fundamentals of Electrical Engineering Electronics and Circuits	6cp 6cp		
Year 2				
Autumn s				
48240 48430 48531 48530	Design Fundamentals Embedded C Electromechanical Automation Circuit Analysis	6cp 6cp 6cp		
Spring ser	*	1		
48250 48540 68038	Engineering Economics and Finance Signals and Systems Advanced Mathematics and Physics	6cp 6cp 6cp		
Select 6 cr	edit points of electives	6ср		
Year 3				

48560

6cp

Au	tumn	semes	ter

48572 48451 48570	Power Circuit Theory Advanced Digital Systems Data Acquisition and Distribution	6cp 6cp 6cp		
Select 6 cr	edit points of electives	6ср		
Spring ser	nester			
48001	Project BEngSc	6ср		
48571	Electrical Machines			

6ср

6ср

Select 6 credit points of electives

Introductory Control

ICTE maj	jor, Computer Systems Engineering sul	b-majo	r	Spring se	emester		
Year 1				48001 48433	Project BEngSc Software Architecture		6ср 6ср
Autumn semester			48450	Real-time Operating Systems		6ср	
33130 48230	Mathematical Modelling 1 Engineering Communication		6ср 6ср	Select 6 c	redit points of options		6ср
68037	Physical Modelling		6ср	ICTE ma	jor, Telecommunications Engineering s	ub-ma	jor
48410	Introduction to ICT Engineering		6ср	Year 1			
Spring se				Autumn	semester		
33230 48023	Mathematical Modelling 2 Programming Fundamentals		6ср 6ср	33130	Mathematical Modelling 1		6ср
48510	Introduction to Electrical Engineering		6ср	48230	Engineering Communication		6ср
48720	Network Fundamentals		6ср	68037 48410	Physical Modelling Introduction to ICT Engineering		6ср 6ср
Year 2				Spring se	emester		1
Autumn s				33230	Mathematical Modelling 2		6ср
48240 48441	Design Fundamentals Introductory Digital Systems		6ср 6ср	48023 48510	Programming Fundamentals		6cp
48520	Electronics and Circuits		6ср	48720	Introduction to Electrical Engineering Network Fundamentals		6ср 6ср
48541	Signal Theory		6ср	Year 2			1
Spring se				Autumn	semester		
48250 48430	Engineering Economics and Finance Embedded C		6ср 6ср	48240	Design Fundamentals		6ср
48451	Advanced Digital Systems		6ср	48441	Introductory Digital Systems		6ср
Select 6 cr	redit points from the following options:		6ср	48541 48740	Signal Theory Communications Networks		6cp
	6 ICT choice	18cp	1	Spring se			6ср
Year 3				48250	Engineering Economics and Finance		6ср
Autumn s	emester			48750	Network Planning and Management		6ср
48210	Interrogating Technology: Sustainability,			48770	Continuous Communications		6ср
48434	Environment and Social Change Embedded Software		6ср 6ср	Select 6 c	redit points of electives		6ср
48570	Data Acquisition and Distribution		6cp	Year 3			
Select 6 cr	redit points of electives		6ср	Autumn			
Spring se	mester			48210	Interrogating Technology: Sustainability, Environment and Social Change		6ср
48001	Project BEngSc		6ср	48730	Authentication and System Security		6ср
48450	Real-time Operating Systems		6cp	48780	Mobile Communications		6ср
	credit points of electives		12cp		redit points from the following options: 6 ICT choice	18ср	6ср
	jor, Software Engineering sub-major			Spring se	emester		
Year 1				48001	Project BEngSc		6ср
Autumn s 33130	emester Mathematical Modelling 1		6ср	48771	Discrete Communications		6cp
48230	Engineering Communication		6ср	Select 12	credit points of electives		12cp
68037	Physical Modelling		6ср		on major example with Electrical Engin	eering	l
48410 Spring se	Introduction to ICT Engineering		6ср	speciali	sation		
33230	Mathematical Modelling 2		6ср	Year 1			
48023	Programming Fundamentals		6ср	Autumn	semester		
48510	Introduction to Electrical Engineering		6ср	33130	Mathematical Modelling 1		6cp
48720	Network Fundamentals		6ср	48230 48510	Engineering Communication Introduction to Electrical Engineering		6ср 6ср
Year 2				68037	Physical Modelling		6cp
Autumn s			6	Spring se	emester		
48024 48441	Applications Programming Introductory Digital Systems		6ср 6ср	33230	Mathematical Modelling 2		6cp
48240	Design Fundamentals		6ср	48080 48521	Introduction to Innovation Fundamentals of Electrical Engineering		6ср 6ср
48541	Signal Theory		6ср		redit points from the following options:		6ср
Spring se				48221	Engineering Computations	6ср	оср
48250 48430	Engineering Economics and Finance Embedded C		6ср 6ср	48023	Programming Fundamentals	6ср	
	redit points from the following options:		6ср	Year 2			
CBK90366 ICT choice 18cp		оср	Autumn				
Select 6 cr	redit points of electives		6ср	48520 48441	Electronics and Circuits Introductory Digital Systems		6cp
Year 3				48240	Introductory Digital Systems Design Fundamentals		6ср 6ср
Autumn semester				48430	Embedded C		6cp
48210	Interrogating Technology: Sustainability,		_				
48434	Environment and Social Change Embedded Software		6ср 6ср				
48440	Software Engineering Practice		6ср				
Select 6 cr	redit points of electives		6ср				

Spring semes	ter			Transfer between UTS courses
	gineering Economics and Finance cuit Analysis		6ср 6ср	Students enrolled in the Bachelor of Engineering Science may (dependent upon performance and admission requirements) be
CBK90471 Inr 21227 Inr 21511 Glo	novation and Entrepreneurship obal Operations and Supply Chain	12cp 6cp	6ср	allowed to transfer to the Bachelor of Engineering (C10067) (see page 152). This involves completion of the remaining Bachelor of Engineering subjects. The subject 48001 Project BEngSc is not credited from this course to any Bachelor of Engineering degree.
22107 Ac 24108 Ma 25300 Fu	anagement counting for Business Decisions A arketing Foundations ndamentals of Business Finance ellectual Property Commercialisation	6cp 6cp 6cp 6cp		Other information Further information is available from: Building 1 Student Centre telephone 1300 ask UTS (1300 275 887)
Select 6 credit	points of electives		6ср	or +61 2 9514 1222
Year 3				Ask UTS www.ask.uts.edu.au
Autumn seme				
	gnals and Systems Ivanced Mathematics and Physics		6ср 6ср	C10067v5 Bachelor of Engineering
CBK90471 Inr 21227 Inr 21511 Glo Ma 22107 Ac 24108 Ma 25300 Fu	points from the following options: novation choice novation and Entrepreneurship obal Operations and Supply Chain anagement counting for Business Decisions A arketing Foundations ndamentals of Business Finance ellectual Property Commercialisation	12cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	Award(s): Bachelor of Engineering in (name of Engineering major) (BE) UAC code: 603006 (Civil and Environmental Engineering), 603016 (Civil Engineering), 603019 (Civil Engineering), 603036 (Electrical Engineering), 603056 (Mechanical Engineering), 603061 (ICT Engineering), 603096 (Civil Engineering (Construction)), 603106 (General degree, no major), 603116 (Mechanical and Mechatronic Engineering), 603126 (Innovation Engineering), 603131 (Biomedical Engineering) CRICOS code: 009478M
	points of electives	ocp	6ср	Commonwealth-supported place?: Yes Load credit points: 192
Spring semes	•		оср	Course EFTSL: 4
48001 Pro	oject BEngSc		6ср	Location: City campus
	roductory Control ta Acquisition and Distribution		6ср 6ср	Note(s)
	points of electives		6ср	This course is only offered to new international students. Local students in an existing UTS course may be able to transfer into it.
Mechanical I	Engineering major			Local students are advised to refer to the Bachelor of Engineering
Year 1				Diploma in Engineering Practice (C10061) (see page 140), which includes industry experience and provides a comprehensive preparation for a career in the engineering profession.
Autumn seme	ster athematical Modelling 1		6ср	
48230 En	gineering Communication		6cp	Overview This course is identical to the Bachelor of Engineering Diploma
En	roduction to Mechanical and Mechatronic gineering ysical Modelling		6ср 6ср	in Engineering Practice (C10061) (see page 140) except there is no Diploma in Engineering Practice requirement.
48221 En	ter athematical Modelling 2 gineering Computations ndamentals of Mechanical Engineering		6cp 6cp 6cp	This program is a comprehensive preparation for careers in the professional practice of engineering. Students learn to deal with complex systems and manage large-scale projects using the most appropriate emerging technologies.
60101 Ch	emistry and Materials Science		6ср	Career options
Year 2				Career options depend on the major chosen.
Autumn seme				Admission requirements
48621 Ma 48331 Me	sign Fundamentals anufacturing Engineering echanics of Solids roduction to Electrical Engineering		6cp 6cp 6cp 6cp	Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.
Spring semes			1	The English proficiency requirement for international students or local
48600 Me 48641 Flu	gineering Economics and Finance echanical Design 1 uid Mechanics		6cp 6cp	applicants with international qualifications is: Academic IELTS: 6.0 overall with a writing score of 6.0; or TOEFL: paper based: 500-549 overall with TWE of 4.5, internet based: 60-78 overall with a writing score of 21; or DEEP: C; or PTE: 50-57; or CAE: 52-57
	achine Dynamics		6ср	Eligibility for admission does not guarantee offer of a place.
Year 3				International students
Autumn seme 48642 Str	ester ength of Engineering Materials		6cp	Visa requirement: To obtain a student visa to study in Australia,
	ermodynamics		6ср 6ср	international students must enrol full time and on campus. Australian
	rnamics and Control		6cp	student visa regulations also require international students studying on student visas to complete the course within the standard full-
	points of electives		6ср	time duration. Students can extend their courses only in exceptional
Spring semes			(circumstances.
	oject BEngSc echanical Design 2		6ср 6ср	Assumed knowledge
	t points of electives		12cp	Mathematics Extension 1; Physics; and English Standard. English Advanced is recommended.

Course duration and attendance

The course is offered on a four-year, full-time basis.

Course structure

A total of 192 credit points is required for graduation, distributed in the following way:

- core program: 48 credit pointschoice of major: 120 credit points
- electives: 24 credit points.

Industrial training/professional practice

Students graduating with a Bachelor of Engineering without the Diploma in Engineering Practice are required to obtain the equivalent of at least 12 weeks exposure to professional engineering practice, preferably outside the university environment. For further details, refer to 48100 Professional Practice.

Course completion requirements

CBK90011	Electives	24cp
STM90106	Core subjects	48cp
CBK90173	Major choice	120cp
48100	Professional Practice (BE)	0cp
		Total 192cp

Course program

Most of the subjects are offered in both Autumn and Spring semesters, sometimes as day classes and sometimes as evening classes. The programs provided below for each major show a suggested sequence for students commencing in Autumn semester undertaking the course full time. The program for students undertaking the Civil Engineering major beyond Year 1 depends on which specialisation is chosen.

Civil Engineering major, Autumn commencing

Year 1

Autumn semester

Steel and Timber Design

Capstone Project Part A

Select 12 credit points of electives

Professional Practice (BE)

48366

48016

48100

Autumn se	emester					
68037	Physical Modelling					
48310	Introduction to Civil and Environmental	_				
40000	Engineering	6ср 6ср				
48230 33130	Engineering Communication					
	Mathematical Modelling 1	6ср				
Spring ser						
48321	Engineering Mechanics	6cp				
48320	Surveying Mathematical Modelling 2	6cp				
33230 60101	Mathematical Modelling 2 Chemistry and Materials Science	6ср 6ср				
	Chemistry and Materials Science	оср				
Year 2						
Autumn se	emester					
48221	Engineering Computations	6ср				
48240	Design Fundamentals	6ср				
48331	Mechanics of Solids	6ср				
48340	Construction	6ср				
Spring ser	mester					
48250	Engineering Economics and Finance	6ср				
48330	Soil Behaviour	6ср				
48352	Construction Materials	6cp				
48349	Structural Analysis	6ср				
Year 3						
Autumn se	emester					
48260	Engineering Project Management	6ср				
48641	Fluid Mechanics	6cp				
48353	Concrete Design	6ср				
48370	Road and Transport Engineering	6ср				
Spring ser	nester					
48270	Entrepreneurship and Commercialisation	6ср				
48350	Environmental and Sanitation Engineering	6ср				
48360	Geotechnical Engineering	6ср				
Select 6 cre	edit points of electives	6ср				
Year 4						

Spring se	mester
48362	Hydraulics and Hydrology

48362	Hydraulics and Hydrology	6ср
48389	Computer Modelling and Design	6ср
48026	Capstone Project Part B	6cp
Select 6	credit points of electives	6ср

Civil Engineering major, Construction specialisation, Autumn commencing

Year 1

Autumn semester

68037	Physical Modelling	6ср
48310	Introduction to Civil and Environmental	-
	Engineering	6ср
48230	Engineering Communication	6ср
33130	Mathematical Modelling 1	6ср
C!		
Spring sei	mester	
48321	mester Engineering Mechanics	6ср
		6ср 6ср
48321	Engineering Mechanics	

Year 2

Autumn	semester	
48221	Engineering Computations	6ср
48240	Design Fundamentals	6ср
48331	Mechanics of Solids	6ср
48340	Construction	6ср
Spring s	emester	
48250	Engineering Economics and Finance	6ср

48349 **Year 3**

48330

48352

Soil Behaviour

Construction Materials

Structural Analysis

Autumn	semester				
48260 48641	Engineering Project Management Fluid Mechanics Concrete Design	6cp			
48353 16265	6cp 6cp				
Spring se	emester				
48360 16912	Geotechnical Engineering Site Management	6cp 6cp			
Select 12	Select 12 credit points of electives 12cp				

Year 4

48370

6ср

6cp

0cp

12cp

Autumn s	emester		
48016	Capstone Project Part A		6ср
48362	Hydraulics and Hydrology		6cp
48100	Professional Practice (BE)		0cp
Select 6 cr	edit points from the following options:		6ср
16314	Construction Technology 3	6ср	1
16422	Construction Technology 4	6ср	
16913	Time and Quality Management	6ср	
48850	Environmental Planning and Law	6ср	
48370	Road and Transport Engineering	6cp	
Select 6 cr	edit points of electives		6ср
Spring se	mester		
48270	Entrepreneurship and Commercialisation		6ср
48026	Capstone Project Part B		6cp
Select 6 cr	edit points from the following options:		6ср
16314	Construction Technology 3	6ср	1
16422	Construction Technology 4	6ср	
16913	Time and Quality Management	6ср	
48850	Environmental Planning and Law	6cp	

Road and Transport Engineering

Select 6 credit points of electives

6ср

Civil Eng	gineering major, Structures specialisation,		Year 2			
	commencing		Autumn	semester		
Year 1			48221	Engineering Computations		6ср
Autumn s	semester		48240 48340	Design Fundamentals Construction		6ср 6ср
68037 48310	Physical Modelling Introduction to Civil and Environmental	6ср	48821	Ecological Engineering		6ср
40310	Engineering	6ср	Spring s	emester		
48230	Engineering Communication	6ср	48250	Engineering Economics and Finance		6ср
33130	Mathematical Modelling 1	6cp	48352	Construction Materials		6cp
Spring se	emester		48641 48840	Fluid Mechanics Water Supply and Wastewater Engineering		6ср 6ср
48321	Engineering Mechanics	6ср		water supply and wastewater Engineering		оср
48320	Surveying	6cp	Year 3			
33230	Mathematical Modelling 2	6cp	Autumn	semester		
60101	Chemistry and Materials Science	6ср	48260	Engineering Project Management		6ср
Year 2			48331	Mechanics of Solids		6cp
Autumn s	semester		48850	Environmental Planning and Law		6ср
48221	Engineering Computations	6ср	Select 6	credit points of electives		6ср
48240	Design Fundamentals	6cp	Spring s	emester		
48331	Mechanics of Solids	6ср	48270	Entrepreneurship and Commercialisation		6ср
48340	Construction	6ср	48330	Soil Behaviour		6ср
Spring se	mester		48362	Hydraulics and Hydrology		6cp
48250	Engineering Economics and Finance	6ср	48342	Structural Behaviour and Design		6ср
48330	Soil Behaviour	6ср	Year 4			
48352 48349	Construction Materials Structural Analysis	6cp	Autumn	semester		
	Structural Artalysis	6ср	48860	Pollution Control and Waste Management		6ср
Year 3			48881	Water and Environmental Design		6ср
Autumn s	semester		48370	Road and Transport Engineering		6cp
48260	Engineering Project Management	6ср	48016 48100	Capstone Project Part A Professional Practice (BE)		6ср 0ср
48641	Fluid Mechanics	6ср		, ,		оср
48353	Concrete Design	6ср	Spring s			
Select 6 c	redit points of electives	6ср	48026	Capstone Project Part B		6ср
Spring se	mester		Select 18	credit points of electives		18cp
48270	Entrepreneurship and Commercialisation	6ср	Electric	al Engineering major, Autumn commenc	ina	
48360	Geotechnical Engineering	6ср		at Engineering major, matanin commenc	9	
Select 6 c	redit points from the following options:	6ср	Year 1			
48350	Environmental and Sanitation Engineering 60		Autumn	semester		
48370	Road and Transport Engineering 60	p	33130	Mathematical Modelling 1		6cp
Select 6 c	redit points of electives	6ср	48230 68037	Engineering Communication Physical Modelling		6ср 6ср
Year 4			48510	Introduction to Electrical Engineering		6ср
Autumn s	semester		Spring s	o o		· · · r
48366	Steel and Timber Design	6ср	33230	Mathematical Modelling 2		6ср
48371	Advanced Engineering Computing	6ср	48441	Introductory Digital Systems		6ср
48016	Capstone Project Part A	6cp	48521	Fundamentals of Electrical Engineering		6ср
48100	Professional Practice (BE)	0ср	48520	Electronics and Circuits		6ср
Select 6 c	redit points of electives	6ср	Year 2			
Spring se	emester		Δutumn	semester		
48362	Hydraulics and Hydrology	6ср	48240	Design Fundamentals		6ср
48026	Capstone Project Part B	6cp	48430	Embedded C		6ср
48389	Computer Modelling and Design	6ср	68038	Advanced Mathematics and Physics		6ср
Select 6 c	redit points of electives	6ср	48530	Circuit Analysis		6ср
Civil End	gineering and Environmental Engineering n	naior.	Spring s			
_	commencing		48250	Engineering Economics and Finance		6cp
	•		48531 48540	Electromechanical Automation Signals and Systems		6ср 6ср
Year 1				credit points of electives		. *
Autumn s		(credit points of electives		6ср
68037 48310	Physical Modelling Introduction to Civil and Environmental	6ср	Year 3			
1005	Engineering	6ср		semester		(
48230	Engineering Communication	6cp	48260	Engineering Project Management		6ср
33130	Mathematical Modelling 1	6ср		credit points from the following options:		12cp
Spring se			48560 48570	Introductory Control	6cp	
48321	Engineering Mechanics	6cp	48451	Data Acquisition and Distribution Advanced Digital Systems	6ср 6ср	
48320 33230	Surveying Mathematical Modelling 2	6ср 6ср	48571	Electrical Machines	6ср	
65111	Chemistry 1	6ср	48572	Power Circuit Theory	6cp	
	•	1	Select 6	credit points of electives		6ср
						-

48270	Entrepreneurship and Commercialisation		6ср	48250 48530	Engineering Economics and Finance Circuit Analysis		6ср 6ср
48580	subject from the following: Advanced Control	6ср	6ср	68038	Advanced Mathematics and Physics		6cp
48581	Digital Electronics	6ср			redit points from the following options:	10	6ср
48434 48561	Embedded Software Power Electronics and Drives	6ср 6ср		21227	1 Innovation choice Innovation and Entrepreneurship	12ср 6ср	
48582	Power Systems Analysis and Design	6ср		21511	Global Operations and Supply Chain	оср	
Select one	subject from the following:	1	6ср		Management	6ср	
48451	Advanced Digital Systems	6ср	T	22107 24108	Accounting for Business Decisions A Marketing Foundations	6ср 6ср	
48560	Introductory Control	6cp		25300	Fundamentals of Business Finance	6ср	
48570 48571	Data Acquisition and Distribution Electrical Machines	6ср 6ср		79006	Intellectual Property Commercialisation	6ср	
48572	Power Circuit Theory	6cp		Year 3			
Select 6 cr	edit points of electives		6ср	Autumn	semester		
Year 4				48260	Engineering Project Management		6ср
Autumn s	emester			48531 48540	Electromechanical Automation Signals and Systems		6cp
48016	Capstone Project Part A		6ср		,		6ср
48100	Professional Practice (BE)		0cp		redit points of electives		6ср
Select one	subject from the following:		6ср	Spring se			(
49274	Advanced Robotics	6cp		48270 48081	Entrepreneurship and Commercialisation Innovation Processes		6ср 6ср
48551 48450	Analog Electronics Real-time Operating Systems	6ср 6ср		48570	Data Acquisition and Distribution		6cp
48550	Renewable Energy Systems	6cp		Select 6 c	redit points of electives		6ср
48583	Power Systems Operation and Protection	6ср		Year 4	-		-
Select two 48580	subjects from the following: Advanced Control	600	12cp	Autumn	semester		
48581	Digital Electronics	6ср 6ср		48451	Advanced Digital Systems		6ср
48434	Embedded Software	6ср		48016	Capstone Project Part A		6ср
48561 48582	Power Electronics and Drives Power Systems Analysis and Design	6cp		48572 48100	Power Circuit Theory Professional Practice (BE)		6ср 0ср
Spring se	, ,	6ср			redit points of electives		-
48026	Capstone Project Part B		6ср	Spring se	•		6ср
	credit points from the following options:		12cp	48571	Electrical Machines		6ср
49274	Advanced Robotics	6ср	12ср	48026	Capstone Project Part B		6ср
48551	Analog Electronics	6cp		48560	Introductory Control		6ср
	Real-time Uneraling Systems	6ср					(
48450 48550	Real-time Operating Systems Renewable Energy Systems			Select 6 c	redit points of electives		6ср
48550 48583	Renewable Energy Systems Power Systems Operation and Protection	6cp 6cp			1	umn	оср
48550 48583	Renewable Energy Systems	6ср	6ср		jor, Computer Systems sub-major, Aut	umn	оср
48550 48583 Select 6 cr	Renewable Energy Systems Power Systems Operation and Protection edit points of electives	6cp 6cp	•	ICTE ma	jor, Computer Systems sub-major, Aut	umn	ьср
48550 48583 Select 6 cr	Renewable Energy Systems Power Systems Operation and Protection	6cp 6cp	•	ICTE ma	jor, Computer Systems sub-major, Autocing	umn	оср
48550 48583 Select 6 cr	Renewable Energy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia	6cp 6cp	•	ICTE ma commer Year 1 Autumn s 33130	jor, Computer Systems sub-major, Autocing semester Mathematical Modelling 1	umn	6ср
48550 48583 Select 6 cr Innovation Autumn (Year 1	Renewable Energy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing	6cp 6cp	•	ICTE ma commer Year 1 Autumn s 33130 48230	jor, Computer Systems sub-major, Autocing semester Mathematical Modelling 1 Engineering Communication	umn	6cp 6cp
48550 48583 Select 6 cr Innovation	Renewable Energy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing emester	6cp 6cp	n,	ICTE ma commer Year 1 Autumn s 33130	jor, Computer Systems sub-major, Autocing semester Mathematical Modelling 1	umn	6cp 6cp 6cp
48550 48583 Select 6 cr Innovatio Autumn of Year 1 Autumn s 33130 48230	Renewable Energy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing emester Mathematical Modelling 1 Engineering Communication	6cp 6cp	6 cp 6cp	ICTE ma commer Year 1 Autumn s 33130 48230 68037 48410	jor, Computer Systems sub-major, Autocing semester Mathematical Modelling 1 Engineering Communication Physical Modelling Introduction to ICT Engineering	umn	6cp 6cp
48550 48583 Select 6 cr Innovatio Autumn 6 Year 1 Autumn s 33130 48230 48510	Renewable Energy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing emester Mathematical Modelling 1 Engineering Communication Introduction to Electrical Engineering	6cp 6cp	6cp 6cp 6cp	ICTE ma commer Year 1 Autumn s 33130 48230 68037 48410 Spring se	jor, Computer Systems sub-major, Autocing semester Mathematical Modelling 1 Engineering Communication Physical Modelling Introduction to ICT Engineering	umn	6cp 6cp 6cp 6cp
48550 48583 Select 6 cr Innovatic Autumn Vear 1 Autumn s 33130 48230 48510 68037	Renewable Energy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing emester Mathematical Modelling 1 Engineering Communication Introduction to Electrical Engineering Physical Modelling	6cp 6cp	6 cp 6cp	ICTE ma commer Year 1 Autumn s 33130 48230 68037 48410 Spring se 33230 48023	jor, Computer Systems sub-major, Autoring semester Mathematical Modelling 1 Engineering Communication Physical Modelling Introduction to ICT Engineering emester Mathematical Modelling 2 Programming Fundamentals	umn	6cp 6cp 6cp 6cp
48550 48583 Select 6 cr Innovation Autumn S 33130 48230 48510 68037 Spring sel	Renewable Énergy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing emester Mathematical Modelling 1 Engineering Communication Introduction to Electrical Engineering Physical Modelling mester	6cp 6cp	6cp 6cp 6cp 6cp	ICTE ma commer Year 1 Autumn s 33130 48230 68037 48410 Spring se 33230 48023 48510	jor, Computer Systems sub-major, Autoring semester Mathematical Modelling 1 Engineering Communication Physical Modelling Introduction to ICT Engineering emester Mathematical Modelling 2 Programming Fundamentals Introduction to Electrical Engineering	umn	6cp 6cp 6cp 6cp 6cp
48550 48583 Select 6 cr Innovatic Autumn Vear 1 Autumn s 33130 48230 48510 68037	Renewable Energy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing emester Mathematical Modelling 1 Engineering Communication Introduction to Electrical Engineering Physical Modelling	6cp 6cp	6cp 6cp 6cp 6cp 6cp	ICTE ma commer Year 1 Autumn s 33130 48230 68037 48410 Spring se 33230 48023 48510 48720	jor, Computer Systems sub-major, Autoring semester Mathematical Modelling 1 Engineering Communication Physical Modelling Introduction to ICT Engineering emester Mathematical Modelling 2 Programming Fundamentals	umn	6cp 6cp 6cp 6cp
48550 48583 Select 6 cr Innovation Autumn 6 33130 48230 48510 68037 Spring set 33230 48441 48080	Renewable Énergy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing emester Mathematical Modelling 1 Engineering Communication Introduction to Electrical Engineering Physical Modelling mester Mathematical Modelling 2 Introductory Digital Systems Introduction to Innovation	6cp 6cp	6cp 6cp 6cp 6cp 6cp	ICTE ma commer Year 1 Autumn s 33130 48230 68037 48410 Spring se 33230 48023 48510 48720 Year 2	jor, Computer Systems sub-major, Autocing semester Mathematical Modelling 1 Engineering Communication Physical Modelling Introduction to ICT Engineering mester Mathematical Modelling 2 Programming Fundamentals Introduction to Electrical Engineering Network Fundamentals	umn	6cp 6cp 6cp 6cp 6cp
48550 48583 Select 6 cr Innovation Autumn S 33130 48230 48510 68037 Spring set 33230 48441 48080 48521	Renewable Energy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing emester Mathematical Modelling 1 Engineering Communication Introduction to Electrical Engineering Physical Modelling mester Mathematical Modelling 2 Introductory Digital Systems	6cp 6cp	6cp 6cp 6cp 6cp 6cp	ICTE ma commer Year 1 Autumn s 33130 48230 68037 48410 Spring se 33230 48023 48510 48720 Year 2 Autumn s	jor, Computer Systems sub-major, Autocing semester Mathematical Modelling 1 Engineering Communication Physical Modelling Introduction to ICT Engineering semester Mathematical Modelling 2 Programming Fundamentals Introduction to Electrical Engineering Network Fundamentals	umn	6cp 6cp 6cp 6cp 6cp 6cp
48550 48583 Select 6 cr Innovation Autumn 6 33130 48230 48510 68037 Spring set 33230 48441 48080	Renewable Énergy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing emester Mathematical Modelling 1 Engineering Communication Introduction to Electrical Engineering Physical Modelling mester Mathematical Modelling 2 Introductory Digital Systems Introduction to Innovation	6cp 6cp	6cp 6cp 6cp 6cp 6cp	ICTE ma commer Year 1 Autumn s 33130 48230 68037 48410 Spring se 33230 48023 48510 48720 Year 2 Autumn s 48240	jor, Computer Systems sub-major, Autocing semester Mathematical Modelling 1 Engineering Communication Physical Modelling Introduction to ICT Engineering semester Mathematical Modelling 2 Programming Fundamentals Introduction to Electrical Engineering Network Fundamentals semester Design Fundamentals	umn	6cp 6cp 6cp 6cp 6cp 6cp
48550 48583 Select 6 cr Innovation Autumn 6 33130 48230 48510 68037 Spring sel 33230 48441 48080 48521 Year 2 Autumn s	Renewable Énergy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing emester Mathematical Modelling 1 Engineering Communication Introduction to Electrical Engineering Physical Modelling mester Mathematical Modelling 2 Introductory Digital Systems Introduction to Innovation Fundamentals of Electrical Engineering	6cp 6cp	6cp 6cp 6cp 6cp 6cp	ICTE ma commer Year 1 Autumn s 33130 48230 68037 48410 Spring se 33230 48023 48510 48720 Year 2 Autumn s 48240 48441 48520	jor, Computer Systems sub-major, Autoring semester Mathematical Modelling 1 Engineering Communication Physical Modelling Introduction to ICT Engineering semester Mathematical Modelling 2 Programming Fundamentals Introduction to Electrical Engineering Network Fundamentals semester Design Fundamentals Introductory Digital Systems Electronics and Circuits	umn	6cp 6cp 6cp 6cp 6cp 6cp 6cp
48550 48583 Select 6 cr Innovation Autumn 6 33130 48230 48510 68037 Spring sel 33230 48441 48080 48521 Year 2 Autumn s 48240	Renewable Énergy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing emester Mathematical Modelling 1 Engineering Communication Introduction to Electrical Engineering Physical Modelling mester Mathematical Modelling Introduction to Electrical Engineering Physical Modelling mester Mathematical Modelling 2 Introductory Digital Systems Introduction to Innovation Fundamentals of Electrical Engineering emester Design Fundamentals	6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	ICTE ma commer Year 1 Autumn s 33130 48230 68037 48410 Spring se 33230 48023 48510 48720 Year 2 Autumn s 48240 48441 48520 48541	jor, Computer Systems sub-major, Autocing semester Mathematical Modelling 1 Engineering Communication Physical Modelling Introduction to ICT Engineering semester Mathematical Modelling 2 Programming Fundamentals Introduction to Electrical Engineering Network Fundamentals semester Design Fundamentals Introductory Digital Systems Electronics and Circuits Signal Theory	umn	6cp 6cp 6cp 6cp 6cp 6cp
48550 48583 Select 6 cr Innovation Autumn 6 33130 48230 48510 68037 Spring sel 33230 48441 48080 48521 Year 2 Autumn s	Renewable Énergy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing emester Mathematical Modelling 1 Engineering Communication Introduction to Electrical Engineering Physical Modelling mester Mathematical Modelling 2 Introductory Digital Systems Introduction to Innovation Fundamentals of Electrical Engineering	6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	ICTE ma commer Year 1 Autumn s 33130 48230 68037 48410 Spring se 33230 48023 48510 48720 Year 2 Autumn s 48240 48441 48520 48541 Spring se 35240 48541	jor, Computer Systems sub-major, Autocing semester Mathematical Modelling 1 Engineering Communication Physical Modelling Introduction to ICT Engineering semester Mathematical Modelling 2 Programming Fundamentals Introduction to Electrical Engineering Network Fundamentals semester Design Fundamentals Introductory Digital Systems Electronics and Circuits Signal Theory	umn	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
48550 48583 Select 6 cr Innovation Autumn 6 33130 48230 48510 68037 Spring sel 33230 48441 48080 48521 Year 2 Autumn s 48240 48520 48430	Renewable Énergy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing emester Mathematical Modelling 1 Engineering Communication Introduction to Electrical Engineering Physical Modelling mester Mathematical Modelling 2 Introductory Digital Systems Introduction to Innovation Fundamentals of Electrical Engineering emester Design Fundamentals Electronics and Circuits Embedded C	6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	ICTE ma commer Year 1 Autumn s 33130 48230 68037 48410 Spring se 33230 48023 48510 48720 Year 2 Autumn s 48240 48441 48520 48541 Spring se 48250	jor, Computer Systems sub-major, Autocing semester Mathematical Modelling 1 Engineering Communication Physical Modelling Introduction to ICT Engineering semester Mathematical Modelling 2 Programming Fundamentals Introduction to Electrical Engineering Network Fundamentals semester Design Fundamentals Introductory Digital Systems Electronics and Circuits Signal Theory semester Engineering Economics and Finance	umn	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
48550 48583 Select 6 cr Innovation Autumn 6 33130 48230 48510 68037 Spring sel 33230 48441 48080 48521 Year 2 Autumn s 48240 48520 48430 Select 6 cr CBK90471	Renewable Énergy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing emester Mathematical Modelling 1 Engineering Communication Introduction to Electrical Engineering Physical Modelling mester Mathematical Modelling 2 Introductory Digital Systems Introduction to Innovation Fundamentals of Electrical Engineering emester Design Fundamentals Electronics and Circuits Embedded C edit points from the following options: Innovation choice	6cp 6cp lisatio	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	ICTE ma commer Year 1 Autumn s 33130 48230 68037 48410 Spring se 33230 48023 48510 48720 Year 2 Autumn s 48240 48441 48520 48541 Spring se 35240 48541	jor, Computer Systems sub-major, Autoring semester Mathematical Modelling 1 Engineering Communication Physical Modelling Introduction to ICT Engineering semester Mathematical Modelling 2 Programming Fundamentals Introduction to Electrical Engineering Network Fundamentals semester Design Fundamentals Introductory Digital Systems Electronics and Circuits Signal Theory semester Engineering Economics and Finance Embedded C	umn	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
48550 48583 Select 6 cr Innovation Autumn S 33130 48230 48510 68037 Spring sel 33230 48441 48080 48521 Year 2 Autumn S 48240 48520 48430 Select 6 cr CBK90471 21227	Renewable Énergy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing emester Mathematical Modelling 1 Engineering Communication Introduction to Electrical Engineering Physical Modelling mester Mathematical Modelling 2 Introductory Digital Systems Introduction to Innovation Fundamentals of Electrical Engineering emester Design Fundamentals Electronics and Circuits Embedded C edit points from the following options: Innovation and Entrepreneurship	6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	ICTE ma commer Year 1 Autumn s 33130 48230 68037 48410 Spring se 33230 48023 48510 48720 Year 2 Autumn s 48240 48441 48520 48541 Spring se 48250 48430 48451	jor, Computer Systems sub-major, Autoring semester Mathematical Modelling 1 Engineering Communication Physical Modelling Introduction to ICT Engineering smester Mathematical Modelling 2 Programming Fundamentals Introduction to Electrical Engineering Network Fundamentals Introductory Digital Systems Electronics and Circuits Signal Theory smester Engineering Economics and Finance Embedded C Advanced Digital Systems	umn	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
48550 48583 Select 6 cr Innovation Autumn 6 33130 48230 48510 68037 Spring sel 33230 48441 48080 48521 Year 2 Autumn s 48240 48520 48430 Select 6 cr CBK90471	Renewable Énergy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing emester Mathematical Modelling 1 Engineering Communication Introduction to Electrical Engineering Physical Modelling mester Mathematical Modelling 2 Introductory Digital Systems Introduction to Innovation Fundamentals of Electrical Engineering emester Design Fundamentals Electronics and Circuits Embedded C edit points from the following options: Innovation choice	6cp 6cp lisatio	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	ICTE ma commer Year 1 Autumn s 33130 48230 68037 48410 Spring se 33230 48023 48510 48720 Year 2 Autumn s 48240 48441 48520 48541 Spring se 48250 48430 48451 Spring se 48250 48451 Spring se 48451 Spring se 48250 48451 Spring se 48451 Spring se 58451 Spring se 48451 Spring se 48451 Sprin	jor, Computer Systems sub-major, Autoring semester Mathematical Modelling 1 Engineering Communication Physical Modelling Introduction to ICT Engineering semester Mathematical Modelling 2 Programming Fundamentals Introduction to Electrical Engineering Network Fundamentals semester Design Fundamentals Introductory Digital Systems Electronics and Circuits Signal Theory semester Engineering Economics and Finance Embedded C	umn	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
48550 48583 Select 6 cr Innovation Autumn 6 33130 48230 48510 68037 Spring sel 33230 48441 48080 48521 Year 2 Autumn s 48240 48520 48430 Select 6 cr CBK90471 21227 21511	Renewable Énergy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing emester Mathematical Modelling 1 Engineering Communication Introduction to Electrical Engineering Physical Modelling mester Mathematical Modelling 2 Introductory Digital Systems Introduction to Innovation Fundamentals of Electrical Engineering emester Design Fundamentals Electronics and Circuits Embedded C edit points from the following options: Innovation and Entrepreneurship Global Operations and Supply Chain Management Accounting for Business Decisions A	6cp 6cp lisatio	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	ICTE ma commer Year 1 Autumn s 33130 48230 68037 48410 Spring se 33230 48023 48510 48720 Year 2 Autumn s 48240 48441 48520 48541 Spring se 48250 48430 48451 Spring se 48250 48451 Spring se 48451 Spring se 48250 48451 Spring se 48451 Spring se 58451 Spring se 48451 Spring se 48451 Sprin	jor, Computer Systems sub-major, Autoring semester Mathematical Modelling 1 Engineering Communication Physical Modelling Introduction to ICT Engineering semester Mathematical Modelling 2 Programming Fundamentals Introduction to Electrical Engineering Network Fundamentals semester Design Fundamentals Introductory Digital Systems Electronics and Circuits Signal Theory semester Engineering Economics and Finance Embedded C Advanced Digital Systems redit points from the following options:		6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
48550 48583 Select 6 cr Innovation Autumn 6 33130 48230 48510 68037 Spring sel 33230 48441 48080 48521 Year 2 Autumn s 48240 48520 48430 Select 6 cr CBK90471 21227 21511	Renewable Énergy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing emester Mathematical Modelling 1 Engineering Communication Introduction to Electrical Engineering Physical Modelling mester Mathematical Modelling 2 Introductory Digital Systems Introduction to Innovation Fundamentals of Electrical Engineering emester Design Fundamentals Electronics and Circuits Embedded C edit points from the following options: Innovation choice Innovation and Entrepreneurship Global Operations and Supply Chain Management Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance	6cp 6cp lisatio	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	ICTE ma commer Year 1 Autumn s 33130 48230 68037 48410 Spring se 33230 48023 48510 48720 Year 2 Autumn s 48240 48441 48520 48541 Spring se 48250 48451 Spring se 48250 Spring se 58250 Spring se 58250 Spring se 58250	jor, Computer Systems sub-major, Autoring semester Mathematical Modelling 1 Engineering Communication Physical Modelling Introduction to ICT Engineering semester Mathematical Modelling 2 Programming Fundamentals Introduction to Electrical Engineering Network Fundamentals Introductory Digital Systems Electronics and Circuits Signal Theory semester Engineering Economics and Finance Embedded C Advanced Digital Systems redit points from the following options: 6 ICT choice		6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
48550 48583 Select 6 cr Innovation Autumn 6 33130 48230 48510 68037 Spring sel 33230 48441 48080 48521 Year 2 Autumn s 48240 48520 48430 Select 6 cr CBK90471 21227 21511	Renewable Énergy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing emester Mathematical Modelling 1 Engineering Communication Introduction to Electrical Engineering Physical Modelling mester Mathematical Modelling 2 Introductory Digital Systems Introduction to Innovation Fundamentals of Electrical Engineering emester Design Fundamentals Electronics and Circuits Embedded C edit points from the following options: Innovation and Entrepreneurship Global Operations and Supply Chain Management Accounting for Business Decisions A Marketing Foundations	6cp 6cp 8cp 8cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	ICTE ma commer Year 1 Autumn s 33130 48230 68037 48410 Spring se 33230 48720 Year 2 Autumn s 48240 48441 48520 48541 Spring se 48250 48430 48451 Select 6 c CBK9036 Year 3 Autumn s 48260	jor, Computer Systems sub-major, Autoring semester Mathematical Modelling 1 Engineering Communication Physical Modelling Introduction to ICT Engineering smester Mathematical Modelling 2 Programming Fundamentals Introduction to Electrical Engineering Network Fundamentals Introductory Digital Systems Electronics and Circuits Signal Theory smester Engineering Economics and Finance Embedded C Advanced Digital Systems redit points from the following options: 6 ICT choice semester Engineering Project Management		6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
48550 48583 Select 6 cr Innovation Autumn 6 33130 48230 48510 68037 Spring sel 33230 48441 48080 48521 Year 2 Autumn s 48240 48520 48430 Select 6 cr CBK90471 21227 21511 22107 24108 25300	Renewable Énergy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing emester Mathematical Modelling 1 Engineering Communication Introduction to Electrical Engineering Physical Modelling mester Mathematical Modelling 2 Introductory Digital Systems Introduction to Innovation Fundamentals of Electrical Engineering emester Design Fundamentals Electronics and Circuits Embedded C edit points from the following options: Innovation choice Innovation and Entrepreneurship Global Operations and Supply Chain Management Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance	6cp 6cp 8cp 8cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	ICTE ma commer Year 1 Autumn s 33130 48230 68037 48410 Spring se 33230 48023 48510 48720 Year 2 Autumn s 48240 48441 48520 48541 Spring se 48250 48451 Spring se 48250 Spring se 58250 Spring se 58250 Spring se 58250	jor, Computer Systems sub-major, Autocing semester Mathematical Modelling 1 Engineering Communication Physical Modelling Introduction to ICT Engineering smester Mathematical Modelling 2 Programming Fundamentals Introduction to Electrical Engineering Network Fundamentals Introductory Digital Systems Electronics and Circuits Signal Theory smester Engineering Economics and Finance Embedded C Advanced Digital Systems redit points from the following options: 6 ICT choice semester Engineering Project Management Embedded Software		6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
48550 48583 Select 6 cr Innovation Autumn 6 33130 48230 48510 68037 Spring sel 33230 48441 48080 48521 Year 2 Autumn s 48240 48520 48430 Select 6 cr CBK90471 21227 21511 22107 24108 25300	Renewable Énergy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing emester Mathematical Modelling 1 Engineering Communication Introduction to Electrical Engineering Physical Modelling mester Mathematical Modelling 2 Introductory Digital Systems Introduction to Innovation Fundamentals of Electrical Engineering emester Design Fundamentals Electronics and Circuits Embedded C edit points from the following options: Innovation choice Innovation and Entrepreneurship Global Operations and Supply Chain Management Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance	6cp 6cp 8cp 8cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	ICTE ma commer Year 1 Autumn s 33130 48230 68037 48410 Spring se 33230 48720 Year 2 Autumn s 48240 48441 48520 48541 Spring se 48250 48451 Spring se 48250 48451 Spring se 48260 48434 48570	jor, Computer Systems sub-major, Autocing semester Mathematical Modelling 1 Engineering Communication Physical Modelling Introduction to ICT Engineering smester Mathematical Modelling 2 Programming Fundamentals Introduction to Electrical Engineering Network Fundamentals Introductory Digital Systems Electronics and Circuits Signal Theory smester Engineering Economics and Finance Embedded C Advanced Digital Systems redit points from the following options: 6 ICT choice semester Engineering Project Management Embedded Software Data Acquisition and Distribution		6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
48550 48583 Select 6 cr Innovation Autumn 6 33130 48230 48510 68037 Spring sel 33230 48441 48080 48521 Year 2 Autumn s 48240 48520 48430 Select 6 cr CBK90471 21227 21511 22107 24108 25300	Renewable Énergy Systems Power Systems Operation and Protection edit points of electives on major, Electrical Engineering specia commencing emester Mathematical Modelling 1 Engineering Communication Introduction to Electrical Engineering Physical Modelling mester Mathematical Modelling 2 Introductory Digital Systems Introduction to Innovation Fundamentals of Electrical Engineering emester Design Fundamentals Electronics and Circuits Embedded C edit points from the following options: Innovation choice Innovation and Entrepreneurship Global Operations and Supply Chain Management Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance	6cp 6cp 8cp 8cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	ICTE ma commer Year 1 Autumn s 33130 48230 68037 48410 Spring se 33230 48720 Year 2 Autumn s 48240 48441 48520 48541 Spring se 48250 48430 48451 Select 6 c CBK9036 Year 3 Autumn s 48260 48434 48570 Select 6 c	jor, Computer Systems sub-major, Autocing semester Mathematical Modelling 1 Engineering Communication Physical Modelling Introduction to ICT Engineering smester Mathematical Modelling 2 Programming Fundamentals Introduction to Electrical Engineering Network Fundamentals Introductory Digital Systems Electronics and Circuits Signal Theory smester Engineering Economics and Finance Embedded C Advanced Digital Systems redit points from the following options: 6 ICT choice semester Engineering Project Management Embedded Software		6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp

Spring semester

Spring semester

	ntrepreneurship and Commercialisation		6ср	ICTE ma	ajor, Software Engineering sub-major, Autun ncing	nn
	eal-time Operating Systems		6ср	Year 1		
Select 6 credi CBK90366 IC	it points from the following options: CT choice	18cp	6ср	Autumn : 33130	semester Mathematical Modelling 1	6ср
Select 6 credi	it points of electives		6ср	48230	Engineering Communication	6ср
Year 4				68037	Physical Modelling	6ср
Autumn sem	ester			48410	Introduction to ICT Engineering	6ср
48210 Ir	nterrogating Technology: Sustainability,			Spring se		
	nvironment and Social Change		6ср	33230 48023	Mathematical Modelling 2 Programming Fundamentals	6ср 6ср
	CT Analysis Capstone Project Part A		6ср 6ср	48510	Introduction to Electrical Engineering	6ср
48100 P	rofessional Practice (BE)		0cp	48720	Network Fundamentals	6cp
Select 6 credi	it points of electives		6ср	Year 2		
Spring seme	ester		_	Autumn	semester	
. •	CT Design		6ср	48024	Applications Programming	6ср
48026 C	apstone Project Part B		6ср	48441	Introductory Digital Systems	6ср
Select 12 cred	dit points of electives		12cp	48240 48541	Design Fundamentals Signal Theory	6ср 6ср
ICTF major	, Telecommunications Eng sub-major	. Autu	mn	Spring se	-	оср
commencin		, , , , , , ,		48250	Engineering Economics and Finance	6ср
Year 1	-3			48430	Embedded C	6ср
				48440	Software Engineering Practice	6ср
Autumn sem 33130 M	iester Iathematical Modelling 1		6cn		redit points from the following options:	6ср
	ngineering Communication		6ср 6ср	CBK9036	66 ICT choice 18cp)
68037 P	hysical Modelling		6ср	Year 3		
	ntroduction to ICT Engineering		6ср		semester	
Spring seme				48260	Engineering Project Management	6ср
	Nathematical Modelling 2 rogramming Fundamentals		6ср 6ср	48434 48433	Embedded Software Software Architecture	6ср 6ср
	ntroduction to Electrical Engineering		6ср		redit points from the following options:	6ср
48720 N	letwork Fundamentals		6ср		66 ICT choice 18cr	
Year 2				Spring se	emester	
Autumn sem	ester			48270	Entrepreneurship and Commercialisation	6ср
	Design Fundamentals		6ср	48450	Real-time Operating Systems	6ср
	ntroductory Digital Systems ignal Theory		6cp		redit points from the following options:	6ср
	communications Networks		6ср 6ср		66 ICT choice 18cp	
Spring seme	ester				redit points of electives	6ср
	uthentication and System Security		6ср	Year 4		
	Continuous Communications ngineering Economics and Finance		6cp		semester	
	it points from the following options:		6ср 6ср	48210	Interrogating Technology: Sustainability, Environment and Social Change	6ср
CBK90366 IC		18ср	оср	48471	ICT Analysis	6cp
Year 3		1		48016	Capstone Project Part A	6cp
_	actor			48100	Professional Practice (BE)	0ср
Autumn sem 48260 E	ngineering Project Management		6ср		redit points of electives	6ср
48750 N	letwork Planning and Management		6cp	Spring se		6
48771 D	Discrete Communications		6ср	48481 48026	ICT Design Capstone Project Part B	6ср 6ср
Select 6 credi	it points of electives		6ср		credit points of electives	12ср
Spring seme	ster				1	•
	Mobile Communications		6cp		ical and Mechatronic Engineering major, Aut	umn
	ntrepreneurship and Commercialisation		6cp	comme	ncing	
CBK90366 IC	dit points from the following options: CT choice	18cp	12cp	Year 1		
Year 4		1			semester	
Autumn sem	ector			33130 48230	Mathematical Modelling 1 Engineering Communication	6ср 6ср
	nterrogating Technology: Sustainability,			48610	Introduction to Mechanical and Mechatronic	~~P
E	nvironment and Social Change		6ср	6000	Engineering Physical Modelling	6cp
	CT Analysis		6cp	68037	Physical Modelling	6ср
	apstone Project Part A rofessional Practice (BE)		6ср 0ср	Spring se 33230	emester Mathematical Modelling 2	bon
	it points of electives		6ср	48510	Introduction to Electrical Engineering	6ср 6ср
Spring seme			P	48620	Fundamentals of Mechanical Engineering	6ср
	CT Design		6ср	48621	Manufacturing Engineering	6ср
	Capstone Project Part B		6cp			
Select 12 cred	dit points of electives		12cp			

Autumn s	emester		Autumn semester
48240	Design Fundamentals	6cp	48016 Capstone Project Part A 6cp
48331	Mechanics of Solids	6cp	48670 Mechanical and Mechatronic Design 6cr
48520 48023	Electronics and Circuits Programming Fundamentals	6ср 6ср	48100 Professional Practice (BE) 0cp
		оср	Select 12 credit points of electives 12cp
Spring ser 48640		6an	Spring semester
48641	Machine Dynamics Fluid Mechanics	6ср 6ср	48026 Capstone Project Part B 6cp
48531	Electromechanical Automation	6ср	48270 Entrepreneurship and Commercialisation 6cp
48600	Mechanical Design 1	6ср	Select 12 credit points of electives 12cp
Year 3			Levels of award
Autumn s	emester		The Bachelor of Engineering may be awarded with first or second
48250	Engineering Economics and Finance	6ср	class honours for meritorious performance in the course as a whole
48622	Mechatronics 1	6ср	Drofessional resonation
48660	Dynamics and Control	6cp	Professional recognition
48642	Strength of Engineering Materials	6ср	The Bachelor of Engineering is accredited by Engineers Australia (under the Washington Accord the degree is internationally recognised
Spring ser			by countries including the UK, USA, Hong Kong China, Malaysia
48260 48623	Engineering Project Management Mechatronics 2	6cp	Korea, Japan, Ireland, New Zealand, Canada, Chinese Taipei, Russia
48651	Thermodynamics	6ср 6ср	Singapore, South Africa and Turkey).
48650	Mechanical Design 2	6ср	Other information
Year 4	Ü	-	Further information is available from:
_	omostor		UTS Student Centre
Autumn se 48670	Mechanical and Mechatronic Design	6an	
48016	Capstone Project Part A	6ср 6ср	telephone 1300 ask UTS (1300 275 887)
48100	Professional Practice (BE)	0ср	or +61 2 9514 1222
Select 12 c	eredit points of electives	12cp	Ask UTS www.ask.uts.edu.au
Spring ser	-	1	0400/0
48026	Capstone Project Part B	6ср	C10068v7 Bachelor of Engineering
48270	Entrepreneurship and Commercialisation	6ср	Bachelor of Business Diploma in
Select 12 c	credit points of electives	12cp	Engineering Practice
Mechanic	cal Engineering major, Autumn commencing	3	Award(s): Bachelor of Engineering in (name of Engineering major)
Year 1			Diploma in Engineering Practice (BE DipEngPrac)
_			Bachelor of Business (BBus)
Autumn s		(CRICOS code: 043190M
33130 48230	Mathematical Modelling 1 Engineering Communication	6ср 6ср	Commonwealth-supported place?: Yes
48610	Introduction to Mechanical and Mechatronic	оср	Load credit points: 252
	Engineering	6ср	Course EFTSL: 5.25
68037	Physical Modelling	6ср	Location: City campus
Spring ser			Note(s)
33230	Mathematical Modelling 2	6cp	This course is only offered to new international students. Loca
48510 48620	Introduction to Electrical Engineering Fundamentals of Mechanical Engineering	6ср 6ср	students in an existing UTS course may be able to transfer into it.
60101	Chemistry and Materials Science	6cp	Overview
Year 2			This combined degree provides students with the opportunity to
Autumn s	omostor		complete the core and major components of both the engineering and
48240	Design Fundamentals	6ср	business degrees. This course is essentially the same as the Bachelor of
48331	Mechanics of Solids	6ср	Engineering Bachelor of Business (C10065) (see page 148) combined degree except for the additional requirement of two internships and
48221	Engineering Computations	6cp	the completion of the engineering practice program. The engineering
48621	Manufacturing Engineering	6ср	practice program is integrated throughout the course.
Spring ser	mester		For graduates choosing to practise as engineers, the business
48600	Mechanical Design 1	6ср	knowledge is invaluable in providing a sound foundation for
48640	Machine Dynamics	6cp	entrepreneurial initiatives and the commercialisation of engineering
48641 48642	Fluid Mechanics Strength of Engineering Materials	6ср 6ср	innovations.
	Suchgui of Engineering Materials	оср	This combined degree can be completed in less time than would be required to complete the two degrees separately.
Year 3	omostor.		
Autumn se 48650	emester Mechanical Design 2	6cn	Career options
48651	Thermodynamics	6ср 6ср	Career options include a business career applying advanced technology in commercial settings or practice as an engineer where
48660	Dynamics and Control	6ср	business knowledge helps to ensure success in commercialisation of
48250	Engineering Economics and Finance	6ср	engineering innovations. The course provides excellent training for
Spring ser	mester		senior management roles.
48260	Engineering Project Management	6ср	Admission requirements
48601 48661	Mechanical Vibration and Measurement Heat Transfer	6cp	Applicants must have completed an Australian Year 12 qualification
48663	Advanced Manufacturing	6ср 6ср	Australian Qualifications Framework Diploma, or equivalen Australian or overseas qualification at the required level.

Year 4

Year 2

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Local students

 $Entry\,to\,individual\,engineering\,majors\,is\,subject\,to\,ATAR\,requirements.$

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics Extension 1; Physics; and English Standard. English Advanced is recommended.

Course duration and attendance

The course duration is six years of full-time study.

Course structure

The program comprises a total of 252 credit points, made up of 162 credit points relating to the Bachelor of Engineering Diploma in Engineering Practice and 90 credit points relating to the Bachelor of Business.

The engineering component of this course is made up of subjects selected from the engineering core, the engineering practice program and the engineering fields of practice (majors).

The business component is made up of core business subjects and a business major.

Industrial training/professional practice

The Diploma in Engineering Practice requires the completion of two six-month internships and the engineering practice program. This course is also available without the Diploma in Engineering Practice. For details, refer to the Bachelor of Engineering Bachelor of Business (C10065) (see page 148).

Course completion requirements

Mathematical Modelling 1

CBK90169	Major choice (Business)	48cp
STM90272	Core subjects (Engineering)	36cp
STM90108	Core subjects (Business)	42cp
STM90271	Engineering practice program	12cp
CBK90176	Major choice (Engineering)	114cp
	, 0	Total 252cp

Course program

The example program below is for a full-time, Autumn-commencing student with electrical engineering as the engineering major and human resource management as the business major, with internships taken in Spring semester of Years 2 and 4. For further information, please contact the appropriate UTS Student Centre.

Year 1

33130

Autumn	semester	

68037	Physical Modelling	6ср
48510	Introduction to Electrical Engineering	6cp
48230	Engineering Communication	6ср
Spring s	semester	
48441	Introductory Digital Systems	6ср
33230	Mathematical Modelling 2	6ср
26100	Integrating Business Perspectives	6ср
48520	Electronics and Circuits	6ср
V0		

6ср

Year 2

Autumn semester

Autuilli	Schlester	
24108	Marketing Foundations	6ср
48240	Design Fundamentals	6ср
48521	Fundamentals of Electrical Engineering	6ср
22107	Accounting for Business Decisions A	6ср
48121	Engineering Practice Preview 1	3ср
		_

	semester

Spring sem	nester		
48110	Engineering Experience 1		0cp
Year 3			
Autumn se	mester		
48530	Circuit Analysis		6ср
48430	Embedded Ć		6cp
23115	Economics for Business		6ср
48122	Engineering Practice Review 1		3ср
48531	Electromechanical Automation		6ср
Spring sem	nester		
	Advanced Mathematics and Physics		6ср
	Signals and Systems		6ср
25300	Fundamentals of Business Finance		6cp
48260	Engineering Project Management		6ср
Year 4			
Autumn se			
22207	Accounting for Business Decisions B		6cp
21129	Managing People and Organisations		6cp
48141	Engineering Practice Preview 2		Зср
Select 6 cre	dit points from the following options:		6ср
	Data Acquisition and Distribution	6ср	
48451	Advanced Digital Systems	6ср	
48571	Electrical Machines	6ср	
	Power Circuit Theory	6cp	
48560	Introductory Control	6ср	
	dit points of electives		6ср
Spring sem			
48130	Engineering Experience 2		0cp
Year 5			
Autumn se	mester		
21555	Human Resource Management		6ср
48142	Engineering Practice Review 2		Зср
21510	The Global Context of Management		6ср
Select 6 cre	dit points from the following options:		6ср
48580	Advanced Control	6ср	оср
	Digital Electronics	6ср	
48434	Embedded Software	6cp	
48561	Power Electronics and Drives	6cp	
48582	Power Systems Analysis and Design	6ср	
Select 6 cre	dit points of electives		6ср
Spring sem	nester		-
21440	Management Skills		6ср
21036	Managing Strategic Performance		6cp
Select one s	subject from the following:		6ср
	Real-time Operating Systems	6ср	1
49274	Advanced Robotics	6ср	
	Renewable Energy Systems	6ср	
	Power Systems Operation and Protection	6ср	
48551	Analog Electronics	6cp	
Select one s	subject from the following:		6ср
48560	Introductory Control	6ср	
	Data Acquisition and Distribution	6ср	
48451	Advanced Digital Systems	6ср	
48571	Electrical Machines	6cp	
48572	Power Circuit Theory	6ср	
Year 6			
Autumn se	mester		
21512	Understanding Organisations: Theory		
	and Practice		6ср
21037	Managing Employee Relations		6ср
48016	Capstone Project Part A		6ср
Select 6 cre	dit points from the following options:		6ср
48434	Embedded Software	6ср	
48561	Power Electronics and Drives	6cp	
48580	Advanced Control	6ср	
48581	Digital Electronics	6cp	
48582	Power Systems Analysis and Design	6ср	

Spring semester

48026	Capstone Project Part B		6ср
21407	Strategic Human Resource Management		6ср
21505	Human Resource Management (Capstone)		6ср
Select 6 cre	edit points from the following options:		6ср
48450	Real-time Operating Systems	6ср	-
48551	Analog Electronics	6ср	
48583	Power Systems Operation and Protection	6ср	
49274	Advanced Robotics	6cn	

Renewable Energy Systems

Levels of award

48550

The Bachelor of Engineering Diploma in Engineering Practice may be awarded with first or second class honours for meritorious performance in the course as a whole.

6ср

Professional recognition

The Bachelor of Engineering is accredited by Engineers Australia (under the Washington Accord the degree is internationally recognised by countries including the UK, USA, Hong Kong China, Malaysia, Korea, Japan, Ireland, New Zealand, Canada, Chinese Taipei, Russia, Singapore, South Africa and Turkey). The Dipoma in Engineering Practice allows students to accelerate their entry into the engineering profession as a chartered professional engineer by reducing the time required for professional experience after graduation.

Other information

Further information is available from: Building 1 Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10069v3 Bachelor of Engineering Science in Aerospace Operations

Award(s): Bachelor of Engineering Science in Aerospace Operations (BEngSc)

Commonwealth-supported place?: No

Load credit points: 144 Course EFTSL: 3 Location: Singapore

Note(s)

This course is only offered offshore. It is available in Singapore. The language of tuition is English.

Overview

This is a professional degree program offered jointly by UTS and the Singapore Institute of Aerospace Engineers (SIAE). Building on an established SIAE-UTS educational partnership in aerospace operations, this course was launched in Singapore in 2000.

This unique degree equips graduates to take advantage of expanding professional opportunities in the fast-growing aerospace industry in Singapore and the region.

Career options

The Bachelor of Engineering Science in Aerospace Operations enhances the career prospects of professionals in other industries who wish to move into the aerospace industry, professionals who wish to upgrade and broaden their academic qualifications and technical specialists currently working in the aerospace industry.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Applicants require a Singapore polytechnic diploma or equivalent. Holders of Licensed Aircraft Maintenance Engineering (LAME) are also considered. Those without a diploma can also be considered for admission based on their performance in other courses and extensive aircraft engineering experience.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.0 overall with a writing score of 6.0; or TOEFL: paper based: 500-549 overall with TWE of 4.5, internet based: 60-78 overall with a writing score of 21; or DEEP: C; or PTE: 50-57; or CAE: 52-57

Eligibility for admission does not guarantee offer of a place.

Assumed knowledge

Students must be competent in written and spoken English and the use of basic information technology tools.

Credit recognition

Students with a Singapore polytechnic diploma or equivalent qualification may be granted a maximum 96-credit-point exemption out of the required 144 credit points.

Course duration and attendance

The typical course duration for a student getting the maximum advanced standing is two years (four semesters) of part-time study.

Course structure

Once students have been granted 96 credit points of exemptions, they are required to complete eight compulsory subjects (48 credit points). Students study two subjects a semester.

Course completion requirements

STM90520	Core subjects	42cp
48001	Project BEngSc	6cp
MAJ03414	Aerospace Engineering	78cp
CBK90228	Electives	18cp
		Total 144cp

Levels of award

The course is awarded with high distinction, distinction, credit or pass.

Further study at UTS

Bachelor of Engineering Science graduates have the option of continuing their professional development through studies at UTS leading to a four-year Bachelor of Engineering (C10067) (see page 152) degree, a five-year Bachelor of Engineering Diploma in Engineering Practice (C10061) (see page 140) combined award, or combined five-year engineering and business degrees.

Alternatively, graduates of this course may enter postgraduate courses in engineering and/or business management including the Master of Engineering Management (C04094) (see page 314) via a graduate certificate program.

Other information

Further information is available from:

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Singapore 419974

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fax +65 6346 0115

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http://attc.edu.sg

C10073v6 Bachelor of Engineering Bachelor of Science

Award(s): Bachelor of Engineering in (name of Engineering major) (BE) Bachelor of Science in (name of Science major) (BSc)

UAC code: 609360 CRICOS code: 040711D

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Overview

This combined degree is designed to provide opportunities for students interested in science, the scientific basis of engineering and technology, and the technology itself. Graduates of this course work as cutting edge professionals where science and engineering interact dynamically.

There is a strong interrelation between the progress of engineering and developments in science, and a demonstrated need for professionals with a strong understanding and experience in both areas.

Students have the option of undertaking honours in science, or an additional two internships to gain the Diploma in Engineering Practice, or both.

This combined degree can be completed in less time than would be required to complete the two degrees separately.

Course aims

This course aims to produce graduates with professional qualifications in science and engineering who are well prepared to pursue a career in either field, or one that combines the skills of both. Students develop valuable skills highly prized by employers, including the technological expertise to understand scientific problems and the design skills to implement solutions.

Career options

Career options depend on the majors and subjects chosen. Options include research, design and development, and scientific management. Graduates work in industry or government, in areas such as biotechnology, communications, energy and resource exploration, environmental protection, medical technology, molecular biology and materials technology, nanotechnology and transportation.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

There is provision for students already enrolled in a Bachelor of Science or a Bachelor of Engineering degree to transfer to the combined degree program. The eligibility criteria used to assess transfer applications for students currently enrolled in a science or engineering program are in line with those used by the Universities Admissions Centre to assess non-current school leaver applicants.

Current school leavers are advised to submit a HSC Bonus Scheme Questionnaire to UTS by 2 December.

Non-current school leavers are advised to complete the employment question on their UAC application as bonus points may be awarded on the basis of relevant work experience.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Applicants who successfully complete a recognised pathway program are also eligible to apply.

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics Extension 1; Physics; and English Standard. English Advanced is recommended.

Course duration and attendance

The course duration is five years full time, 10 years part time, or six years full time with honours.

Full-time attendance involves up to 24 hours each week at the University. Part-time attendance involves up to 12 hours each week at the University. It is expected that employers will release part-time students for at least one half-day a week for attendance at classes.

Course structure

The program comprises a total of 240 credit points, made up of 162 credit points relating to the Bachelor of Engineering and 78 credit points relating to the Bachelor of Science.

The engineering component of this course is made up of subjects selected from the engineering core and engineering fields of practice (majors).

The science component represents a specific science major.

Graduation from the science component of the combined degree is not possible prior to completion of all components of the combined degree. Students wishing to graduate with a Bachelor of Science prior to completion of the engineering component of the combined degree must apply for transfer to the Bachelor of Science (C10242) (see page 241) single degree program where they must complete all requirements for the stand-alone single degree version.

Similarly, if a student wishes to graduate from the engineering component of the combined degree prior to completion of the science component they must apply for transfer to the Bachelor of Engineering (C10067) (see page 152) single degree program where they must complete all requirements for the stand-alone single degree version, including the Professional Practice (BE) subject.

Further, students wishing to graduate from the engineering component of the combined degree prior to completion of the science component must have completed at least 60 credit points of the science major (CBK90586).

Industrial training/professional practice

Students are required to undertake a minimum of 12 weeks of engineering experience.

A Diploma in Engineering Practice is also available. The Diploma in Engineering Practice requires the additional completion of two sixmonth internships and the engineering practice program.

Course completion requirements

STM90106	Core subjects	48cp
CBK90176	Major choice (Engineering)	114cp
CBK90586	Major choice (Science)	78cp
48100	Professional Practice (BE)	0cp
		Total 240cp

Course program

The example program below is for a full-time, Autumn-commencing student with electrical engineering as their chosen engineering major.

List of Science majors

MAJ01087	Applied Chemistry	78cp
MAJ01088	Applied Physics	78cp
MAJ01091	Nanotechnology	78cp
MAJ01090	Biomedical Science	78cp
MAJ01120	Medical Science	78cp
MAJ01119	Biotechnology	78cp
MAJ01089	Environmental Science	78cp
MAI01095	Mathematics	78cp

List of Engineering majors

MAJ03025 C	Civil Engineering	114cp
MAJ03026 C	Civil and Environmental Engineering	114cp
MAJ03028 E	Electrical Engineering	114cp
MAJ03449 I	CT Engineering	114cp
MAJ03030 N	Mechanical Engineering	114cp
MAJ03450 N	Mechanical and Mechatronic Engineering	114cp
CBK90036 N	No specified major	114cp

Applied Chemistry major			Year 5				
Year 1				Autumn semester			
Autumn se	emester			65509	Inorganic Chemistry 2		6cp
33130	Mathematical Modelling 1		6ср	48016	Capstone Project Part A		6ср
48510	Introduction to Electrical Engineering		6cp	Select one 67305	subject from the following: Polymer Science	6an	6ср
68037 65111	Physical Modelling Chemistry 1		6cp	67509	Molecular Nanotechnology	6ср 6ср	
	•		6ср	68075	Nanomaterials	6cp	
Spring ser			600	65545	Forensic Toxicology	6ср	
33230 48521	Mathematical Modelling 2 Fundamentals of Electrical Engineering		6ср 6ср		subject from the following:		6ср
48520	Electronics and Circuits		6cp	48580	Advanced Control	6ср	
65212	Chemistry 2		6ср	48581 48434	Digital Electronics Embedded Software	6ср 6ср	
Year 2				48561	Power Electronics and Drives	6ср	
Autumn se	emester			48582	Power Systems Analysis and Design	6ср	
48230	Engineering Communication		6ср	Spring se	mester		
48530	Circuit Analysis		6ср	65606	Analytical Chemistry 3		6cp
48441	Introductory Digital Systems		6cp	48026 65607	Capstone Project Part B		6cp
65202	Organic Chemistry 1		6ср		Physical Chemistry 2		6ср
Spring ser			(Select one 49274	subject from the following: Advanced Robotics	6ср	6ср
48240 48430	Design Fundamentals Embedded C		6ср 6ср	48551	Analog Electronics	6ср	
68038	Advanced Mathematics and Physics		6ср	48450	Real-time Operating Systems	6cp	
65306	Analytical Chemistry 1		6cp	48550	Renewable Energy Systems	6ср	
Year 3				48583	Power Systems Operation and Protection	6ср	
Autumn se	emester			Applied I	Physics major		
48540	Signals and Systems		6ср	Year 1			
48531	Electromechanical Automation		6ср	Autumn s	emester		
65307 65410	Physical Chemistry 1		6cp	33130	Mathematical Modelling 1		6ср
	Chemical Safety and Legislation		6ср	48510	Introduction to Electrical Engineering		6ср
Spring ser				68037	Physical Modelling		6cp
65411 48250	Inorganic Chemistry 1 Engineering Economics and Finance		6cp	65111	Chemistry 1		6ср
			6ср	Spring se			
Select one 48560	subject from the following: Introductory Control	6cn	6ср	33230	Mathematical Modelling 2		6cp
48570	Data Acquisition and Distribution	6ср 6ср		48521 48520	Fundamentals of Electrical Engineering Electronics and Circuits		6cp 6cp
48451	Advanced Digital Systems	6cp		65212	Chemistry 2		6ср
48571	Electrical Machines	6cp		Year 2	,		1
48572	Power Circuit Theory	6ср					
Select 6 cre	edit points of electives		6ср	Autumn s			
Year 4				48230 48530	Engineering Communication Circuit Analysis		6ср 6ср
Autumn se	emester			48441	Introductory Digital Systems		6ср
65409	Analytical Chemistry 2		6ср	33360	Mathematics for Physical Science		6cp
48260	Engineering Project Management		6cp	Spring se	mester		
48100	Professional Practice (BE)		0cp	48430	Embedded C		6ср
	subject from the following:		6ср	68038	Advanced Mathematics and Physics		6ср
48580	Advanced Control	6cp		68201	Physics in Action		6cp
48581 48434	Digital Electronics Embedded Software	6cp		68070	Introduction to Materials		6ср
48561	Power Electronics and Drives	6ср 6ср		Year 3			
48582	Power Systems Analysis and Design	6cp		Autumn s	emester		
Select 6 cre	edit points of electives	_	6ср	48540	Signals and Systems		6ср
Spring ser	•		···r	48531	Electromechanical Automation		6cp
48270	Entrepreneurship and Commercialisation		6ср	48240 68075	Design Fundamentals Nanomaterials		6ср 6ср
65508	Organic Chemistry 2		6ср				оср
Select two	subjects from the following:		12cp	Spring se			
48560	Introductory Control	6ср	12cp	68315 48250	Imaging Science Engineering Economics and Finance		6cp 6cp
48570	Data Acquisition and Distribution	6cp					_
48451	Advanced Digital Systems	6ср		Select one 48560	subject from the following: Introductory Control	6ср	6ср
48571 48572	Electrical Machines Power Circuit Theory	6cp		48570	Data Acquisition and Distribution	6ср	
49274	Advanced Robotics	6ср 6ср		48451	Advanced Digital Systems	6ср	
48551	Analog Electronics	6cp		48571	Electrical Machines	6ср	
48450	Real-time Operating Systems	6ср		48572	Power Circuit Theory	6ср	
48550 48583	Renewable Energy Systems	6cp		Select 6 cr	redit points of electives		6ср
10303	Power Systems Operation and Protection	6ср					

V/				Ci			
Year 4				48430	emester Embedded C		6ср
Autumn s 68412			6cn	68038	Advanced Mathematics and Physics		6ср
48260	Energy Science and Technology Engineering Project Management		6ср 6ср	91320	Metabolic Biochemistry		6ср
48100	Professional Practice (BE)		0cp	91314	General Microbiology		6ср
Select one	e subject from the following:		6ср	Year 3			
48580	Advanced Control	6ср	1	Autumn	semester		
48581	Digital Electronics	6cp		48540	Signals and Systems		6ср
48434 48561	Embedded Software Power Electronics and Drives	6ср 6ср		48531	Electromechanical Automation		6ср
48582	Power Systems Analysis and Design	6ср		91132 48240	Molecular Biology 1 Design Fundamentals		6ср 6ср
Select 6 c	redit points of electives	1	6ср		ě		оср
Spring se	=		оср	5pring s 65212	emester Chemistry 2		6an
48270	Entrepreneurship and Commercialisation		6ср	48250	Engineering Economics and Finance		6ср 6ср
68413	Quantum Physics		6ср		ne subject from the following:		6ср
Select two	o subjects from the following:		12cp	48560	Introductory Control	6ср	оср
48560	Introductory Control	6ср	12cp	48570	Data Acquisition and Distribution	6ср	
48570	Data Acquisition and Distribution	6ср		48451	Advanced Digital Systems	6cp	
48451 48571	Advanced Digital Systems Electrical Machines	6cp		48571 48572	Electrical Machines Power Circuit Theory	6ср 6ср	
48572	Power Circuit Theory	6ср 6ср			·	ocp	600
49274	Advanced Robotics	6cp			credit points of electives		6ср
48551	Analog Electronics	6cp		Year 4			
48450 48550	Real-time Operating Systems Renewable Energy Systems	6ср 6ср		Autumn	semester		
48583	Power Systems Operation and Protection	6ср		48260	Engineering Project Management		6cp
Year 5	, 1	1		91500 48100	Histology Professional Practice (BE)		6ср 0ср
					, ,		
Autumn s 68416	Computational Physics		6ср	48580	ne subject from the following: Advanced Control	6ср	6ср
48016	Capstone Project Part A		6ср	48581	Digital Electronics	6ср	
68606	Solid-state Science and Nanodevices		6cp	48434	Embedded Software	6ср	
Select one	e subject from the following:		6ср	48561 48582	Power Electronics and Drives	6cp	
48580	Advanced Control	6ср	1		Power Systems Analysis and Design	6ср	
48581 48434	Digital Electronics Embedded Software	6cp			credit points of electives		6ср
48561	Power Electronics and Drives	6ср 6ср		Spring s	emester		
48582	Power Systems Analysis and Design	6ср			vo subjects from the following:		12cp
Spring se	mester			91326	Analytical Biochemistry	6ср	
48026	Capstone Project Part B		6ср	91330	Epidemiology and Public Health Microbiology	6ср	
Select two	o subjects from the following:		12cp	91401	Introductory Haematology and	ocp	
68320	Scanning Probe and Electron Microscopy	6ср	1		Immunology	6ср	
68414	Advanced Mechanics	6ср			vo subjects from the following:		12cp
68415	Measurement and Analysis of Physical Processes	6ср		48560	Introductory Control	6cp	
68513	Optics and Nanophotonics	6ср		48570 48451	Data Acquisition and Distribution Advanced Digital Systems	6ср 6ср	
Select one	e subject from the following:	_	6ср	48571	Electrical Machines	6ср	
49274	Advanced Robotics	6ср	· · · ·	48572	Power Circuit Theory	6ср	
48551	Analog Electronics	6cp		49274 48551	Advanced Robotics Analog Electronics	6ср 6ср	
48450 48550	Real-time Operating Systems Renewable Energy Systems	6ср 6ср		48450	Real-time Operating Systems	6ср	
48583	Power Systems Operation and Protection	6ср		48550	Renewable Energy Systems	6cp	
Diamadi	-	•		48583	Power Systems Operation and Protection	6ср	
	cal Science major			Year 5			
Year 1				Autumn	semester		
Autumn s				48016	Capstone Project Part A		6ср
33130	Mathematical Modelling 1		6cp	Select tw	vo subjects from the following:		12cp
48510 68037	Introduction to Electrical Engineering Physical Modelling		6ср 6ср	91338	Clinical Bacteriology	6ср	-
65111	Chemistry 1		6ср	91358 91344	Advanced Haematology Medical and Diagnostic Biochemistry	6cp	
Spring se	mester		•	91359	Advanced Immunology	6ср 6ср	
33230	Mathematical Modelling 2		6ср	91335	Molecular Biology 2	6cp	
48521	Fundamentals of Electrical Engineering		6ср	Select or	ne subject from the following:		6ср
48520	Electronics and Circuits		6cp	48580	Advanced Control	6ср	1
91161	Cell Biology and Genetics		6ср	48581	Digital Electronics	6cp	
Year 2				48434 48561	Embedded Software Power Electronics and Drives	6ср 6ср	
Autumn s				48582	Power Systems Analysis and Design	6ср	
48230	Engineering Communication		6ср			•	
48530	Circuit Analysis		6cp				
48441 91400	Introductory Digital Systems Human Anatomy and Physiology		6ср 6ср				
			- °r				

Spring se	mester			Spring se	mester		
48270	Entrepreneurship and Commercialisation		6ср	48270	Entrepreneurship and Commercialisation	6c	p
48026	Capstone Project Part B		6ср		subjects from the following:	12c	p
	subject from the following:	600	6ср	48560	Introductory Control 60		
49274 48551	Advanced Robotics Analog Electronics	6ср 6ср		48570 48451	Data Acquisition and Distribution 6c Advanced Digital Systems 6c		
48450	Real-time Operating Systems	6ср		48571	Electrical Machines 6c		
48550	Renewable Energy Systems	6ср		48572	Power Circuit Theory 6c	р	
48583	Power Systems Operation and Protection	6ср		49274 48551	Advanced Robotics 6c		
	subject from the following:	,	6ср	48450	Analog Electronics 6c Real-time Operating Systems 6c		
91129 91352	Transfusion Science Parasitology	6ср 6ср		48550	Renewable Energy Systems 6c	p	
91345	Biochemistry, Genes and Disease	6ср		48583	Power Systems Operation and Protection 60	p	
91402	Anatomical Pathology	6ср			redit points of electives	6c	p
Biotechr	ology major			Year 5			
Year 1				Autumn s		(-	
Autumn s	emester			48016 91369	Capstone Project Part A Biobusiness and Environmental Biotechnology	6c	
33130	Mathematical Modelling 1		6ср		e subject from the following:	6c	
48510	Introduction to Electrical Engineering		6ср	91335	Molecular Biology 2 6c		Ρ
68037 65111	Physical Modelling Chemistry 1		6ср 6ср	91359	Advanced Immunology 6c		
Spring se	•		···r	Select one	e subject from the following:	6c	p
33230	Mathematical Modelling 2		6ср	48580	Advanced Control 6c		
48521	Fundamentals of Electrical Engineering		6ср	48581 48434	Digital Electronics 6c Embedded Software 6c		
48520	Electronics and Circuits		6ср	48561	Power Electronics and Drives 6c		
65212	Chemistry 2		6ср	48582	Power Systems Analysis and Design 6c	-	
Year 2				Spring se	mester		
Autumn s				48026	Capstone Project Part B	6c	
48230	Engineering Communication		6cp	91368	Bioreactors and Bioprocessing	6c	p
48530 48441	Circuit Analysis Introductory Digital Systems		6ср 6ср		e subject from the following:	6c	p
91161	Cell Biology and Genetics		6ср	91326 91330	Analytical Biochemistry 6c Epidemiology and Public Health	Р	
Spring se	mester			, 1000	Microbiology 6c	р	
48240	Design Fundamentals		6ср	91401	Introductory Haematology and	-	
48430	Embedded C		6ср		Immunology 6c	p	
68038 91400	Advanced Mathematics and Physics Human Anatomy and Physiology		6ср 6ср	Select one 49274	e subject from the following:	6c	p
	Truman / matomy and Thysiology		оср	48551	Advanced Robotics 6c Analog Electronics 6c		
Year 3				48450	Real-time Operating Systems 6c	p	
Autumn s				48550	Renewable Energy Systems 60		
48540 48531	Signals and Systems Electromechanical Automation		6ср 6ср	48583	Power Systems Operation and Protection 6c	Р	
91320	Metabolic Biochemistry		6ср	Environr	nental Science major		
91314	General Microbiology		6ср	Year 1			
Spring se				Autumn s	emester		
48250 91132	Engineering Economics and Finance		6cp	33130	Mathematical Modelling 1	6c	
	Molecular Biology 1		6ср	48510	Introduction to Electrical Engineering	6c	
Select one 48560	subject from the following: Introductory Control	6ср	6ср	68037 91107	Physical Modelling The Biosphere	6c 6c	
48570	Data Acquisition and Distribution	6ср		Spring se	-		Г
48451	Advanced Digital Systems	6ср		33230	Mathematical Modelling 2	6c	'n
48571 48572	Electrical Machines Power Circuit Theory	6cp		48521	Fundamentals of Electrical Engineering	6с	
	ř	6ср	C = 12	48520	Electronics and Circuits	6c	
	redit points of electives		6ср	91123	Biocomplexity	6c	р
Year 4				Year 2			
Autumn s				Autumn s		_	
48260 91142	Engineering Project Management Biotechnology		6ср 6ср	48230 48530	Engineering Communication Circuit Analysis	6c	
91144	Plant Biotechnology		6ср	48441	Introductory Digital Systems	6c	
48100	Professional Practice (BE)		0cp	91154	Ecology	6c	
	subject from the following:		6ср	Spring se	mester		
48580	Advanced Control	6cp		48240	Design Fundamentals	6c	p
48581 48434	Digital Electronics Embedded Software	6ср 6ср		48430 68038	Embedded C	6c	p
48561	Power Electronics and Drives	6ср		68038 65111	Advanced Mathematics and Physics Chemistry 1	6c	
48582	Power Systems Analysis and Design	6cp		Year 3	,		1
					amastar		
				Autumn s 48540	semester Signals and Systems	60	77
				48531	Electromechanical Automation	6c	
				91110	Experimental Design and Sampling	6c	p
				91149	Geological Processes	6c	p

. .				. .			
Spring se			6 an	Spring se 33230			600
91159	et one of the following: Environmental Forensics	6ср	6ср	48521	Mathematical Modelling 2 Fundamentals of Electrical Engineering		6ср 6ср
9115		6ср		48520	Electronics and Circuits		6ср
48250	Engineering Economics and Finance	•	6ср	35111	Applications of Discrete Mathematics		6cp
Select one	e subject from the following:		6ср	Year 2			
48560	Introductory Control	6cp		Autumn s	semester		
48570 48451	Data Acquisition and Distribution Advanced Digital Systems	6ср 6ср		48230	Engineering Communication		6ср
48571	Electrical Machines	6ср		48530	Circuit Analysis		6ср
48572	Power Circuit Theory	6cp		48441 35212	Introductory Digital Systems Computational Linear Algebra		6cp
Select 6 ca	redit points of electives		6ср		1		6ср
Year 4				Spring se			(
Autumn s	emester			48240 48430	Design Fundamentals Embedded C		6ср 6ср
48260	Engineering Project Management		6ср	68038	Advanced Mathematics and Physics		6cp
	et one of the following:		6ср	35100	Introduction to Sample Surveys		6ср
9130		6ср	оср	Year 3			
6651		6cp		Autumn s	semester		
91120 48100	GIS and Remote Sensing Professional Practice (BE)		6cp	48540	Signals and Systems		6ср
			0ср	48531	Electromechanical Automation		6ср
Select one 48580	e subject from the following: Advanced Control	6ср	6ср	35363 35241	Stochastic Models Optimisation in Quantitative Management		6ср 6ср
48581	Digital Electronics	6ср			•		оср
48434	Embedded Software	6ср		Spring se 48250			6an
48561 48582	Power Electronics and Drives Power Systems Analysis and Design	6cp		35231	Engineering Economics and Finance Differential Equations		6ср 6ср
	, , ,	6ср		Select on	e subject from the following:		6ср
Spring se 91145			6 an	48560	Introductory Control	6ср	оср
	Environmental Protection and Management		6ср	48570	Data Acquisition and Distribution	6cp	
Select one 91370	e subject from the following: Semi-arid Ecology	6ср	6ср	48451 48571	Advanced Digital Systems Electrical Machines	6ср 6ср	
91371	Forest and Mountain Ecology	6ср		48572	Power Circuit Theory	6ср	
91126	Coral Reef Ecosystems	6cp		Select 6 c	redit points of electives	•	6ср
	subjects from the following:		12cp	Year 4	F		- P
48560	Introductory Control	6cp					
48451 48571	Advanced Digital Systems Electrical Machines	6ср 6ср		Autumn			6
48572	Power Circuit Theory	6ср		35232 48260	Advanced Calculus Engineering Project Management		6ср 6ср
49274	Advanced Robotics	6cp		48100	Professional Practice (BE)		0ср
48551 48450	Analog Electronics Real-time Operating Systems	6ср 6ср		Select on	e subject from the following:		6ср
48550	Renewable Energy Systems	6ср		48580	Advanced Control	6ср	1
48583	Power Systems Operation and Protection	6ср		48581	Digital Electronics	6cp	
48570	Data Acquisition and Distribution	6ср		48434 48561	Embedded Software Power Electronics and Drives	6ср 6ср	
Year 5				48582	Power Systems Analysis and Design	6cp	
Autumn s	emester			Select 6 c	redit points of electives		6ср
91121	Aquatic Ecology		6ср	Spring se	emester		_
48016	Capstone Project Part A		6ср	48270	Entrepreneurship and Commercialisation		6ср
	e subject from the following:	ć	6ср	35353	Regression Analysis		6cp
48580 48581	Advanced Control Digital Electronics	6ср 6ср		Select two	o subjects from the following:		12cp
48434	Embedded Software	6cp		48560	Introductory Control	6cp	
48561	Power Electronics and Drives	6ср		48570 48451	Data Acquisition and Distribution Advanced Digital Systems	6ср 6ср	
48582	Power Systems Analysis and Design	6ср		48571	Electrical Machines	6ср	
	redit points of electives		6ср	48572	Power Circuit Theory	6cp	
Spring se				49274 48551	Advanced Robotics Analog Electronics	6ср 6ср	
48270 48026	Entrepreneurship and Commercialisation		6cp	48450	Real-time Operating Systems	6ср	
91155	Capstone Project Part B Stream and Lake Assessment		6ср 6ср	48550	Renewable Energy Systems	6ср	
	e subject from the following:		6ср	48583	Power Systems Operation and Protection	6ср	
49274	Advanced Robotics	6ср	оср	Year 5			
48551	Analog Electronics	6cp		Autumn s	semester		
48450 48550	Real-time Operating Systems Renewable Energy Systems	6ср 6ср		48016	Capstone Project Part A		6ср
48583	Power Systems Operation and Protection	6ср			o subjects from the following:		12cp
		1		35356	Design and Analysis of Experiments	6cp	
Matnem Year 1	atics major			35383 35252	High Performance Computing Mathematical Statistics	6ср 6ср	
Autumn s	emester				e subject from the following:	_	6ср
33130	Mathematical Modelling 1		6ср	48580 48581	Advanced Control Digital Electronics	6cp	
48510	Introduction to Electrical Engineering		6ср	48434	Embedded Software	6ср 6ср	
68037	Physical Modelling		6ср	48561	Power Electronics and Drives	6ср	
35140	Introduction to Quantitative Management		6ср	48582	Power Systems Analysis and Design	6ср	

Ci				Ci			
Spring se 48026	Capstone Project Part B		6ср	Spring se 48270	Entrepreneurship and Commercialisation		6ср
	e subject from the following:		6ср	91705	Medical Devices and Diagnostics		6ср
49274	Advanced Robotics	6ср	оср	Select two	o subjects from the following:		12cp
48551	Analog Electronics	6cp		48560	Introductory Control	6cp	
48450 48550	Real-time Operating Systems Renewable Energy Systems	6ср 6ср		48570 48451	Data Acquisition and Distribution Advanced Digital Systems	6ср 6ср	
48583	Power Systems Operation and Protection	6ср		48571	Electrical Machines	6ср	
Select two	o subjects from the following:		12cp	48572	Power Circuit Theory	6ср	
35322	Advanced Analysis	6cp	1	49274 48551	Advanced Robotics Analog Electronics	6ср 6ср	
35335 35342	Mathematical Methods Nonlinear Methods in Quantitative	6ср		48450	Real-time Operating Systems	6ср	
33342	Management	6ср		48550	Renewable Energy Systems	6ср	
35344	Network and Combinatorial Optimisation	6ср		48583	Power Systems Operation and Protection	6ср	
35355 35391	Quality Control	6cp		Year 5			
35391	Seminar (Mathematics) Seminar (Statistics)	6ср 6ср		Autumn s	semester		
35340	Quantitative Management Practice	6ср		48016	Capstone Project Part A		6cp
35361	Stochastic Processes	6ср		91706 91707	Neuroscience Pharmacology 1		6ср 6ср
Medical	Science major				e subject from the following:		6ср
Year 1				48580	Advanced Control	6ср	оср
Autumn	emester			48581	Digital Electronics	6ср	
33130	Mathematical Modelling 1		6ср	48434 48561	Embedded Software Power Electronics and Drives	6ср 6ср	
48510	Introduction to Electrical Engineering		6cp	48582	Power Systems Analysis and Design	6ср	
68037	Physical Modelling		6cp	Spring se	mester	•	
65111	Chemistry 1		6ср	48026	Capstone Project Part B		6ср
Spring se 33230			600	91708	Medical and Applied Physiology		6ср
48521	Mathematical Modelling 2 Fundamentals of Electrical Engineering		6ср 6ср	91709	Pharmacology 2		6ср
48520	Electronics and Circuits		6cp	Select one 49274	e subject from the following: Advanced Robotics	6ср	6ср
65212	Chemistry 2		6ср	48551	Analog Electronics	6ср	
Year 2				48450	Real-time Operating Systems	6ср	
Autumn	semester			48550 48583	Renewable Energy Systems Power Systems Operation and Protection	6ср 6ср	
48230	Engineering Communication		6ср			ocp	
48530 48441	Circuit Analysis Introductory Digital Systems		6ср 6ср	Nanotec	hnology major		
				17 4			
91161	Cell Biology and Genetics		6ср	Year 1			
91161 Spring se			6ср	Year 1 Autumn s	semester		
Spring se 48240	mester Design Fundamentals		6ср	Autumn s 33130	Mathematical Modelling 1		6ср
Spring se 48240 48430	mester Design Fundamentals Embedded C		6cp 6cp	Autumn s 33130 48510	Mathematical Modelling 1 Introduction to Electrical Engineering		6ср
Spring se 48240	mester Design Fundamentals Embedded C Advanced Mathematics and Physics		6cp 6cp 6cp	Autumn s 33130	Mathematical Modelling 1		
Spring se 48240 48430 68038 91400	mester Design Fundamentals Embedded C		6cp 6cp	Autumn s 33130 48510 68037 65111	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1		6ср 6ср
Spring se 48240 48430 68038 91400 Year 3	mester Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology		6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 mester Mathematical Modelling 2		6cp 6cp 6cp
Spring se 48240 48430 68038 91400 Year 3 Autumn s	Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology		6cp 6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230 48521	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 mester Mathematical Modelling 2 Fundamentals of Electrical Engineering		6cp 6cp 6cp
Spring se 48240 48430 68038 91400 Year 3 Autumn s 48540 48531	Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology semester Signals and Systems Electromechanical Automation		6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 mester Mathematical Modelling 2 Fundamentals of Electrical Engineering Electronics and Circuits		6cp 6cp 6cp 6cp 6cp
Spring se 48240 48430 68038 91400 Year 3 Autumn s 48540 48531 91320	Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology semester Signals and Systems Electromechanical Automation Metabolic Biochemistry		6cp 6cp 6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230 48521 48520 65212	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 mester Mathematical Modelling 2 Fundamentals of Electrical Engineering		6cp 6cp 6cp
Spring se 48240 48430 68038 91400 Year 3 Autumn s 48540 48531 91320 91314	Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology semester Signals and Systems Electromechanical Automation Metabolic Biochemistry General Microbiology		6cp 6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230 48521 48520 65212 Year 2	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 mester Mathematical Modelling 2 Fundamentals of Electrical Engineering Electronics and Circuits Chemistry 2		6cp 6cp 6cp 6cp 6cp
Spring se 48240 48430 68038 91400 Year 3 Autumn s 48540 48531 91320 91314 Spring se	Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology semester Signals and Systems Electromechanical Automation Metabolic Biochemistry General Microbiology smester		6cp 6cp 6cp 6cp 6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230 48521 48520 65212 Year 2 Autumn s	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 mester Mathematical Modelling 2 Fundamentals of Electrical Engineering Electronics and Circuits Chemistry 2		6cp 6cp 6cp 6cp 6cp 6cp
Spring se 48240 48430 68038 91400 Year 3 Autumn s 48540 48531 91320 91314	Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology semester Signals and Systems Electromechanical Automation Metabolic Biochemistry General Microbiology mester Human Pathophysiology		6cp 6cp 6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230 48521 48520 65212 Year 2 Autumn s 48230 48530	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 Immester Mathematical Modelling 2 Fundamentals of Electrical Engineering Electronics and Circuits Chemistry 2 Semester Engineering Communication Circuit Analysis		6cp 6cp 6cp 6cp 6cp 6cp 6cp
Spring se 48240 48430 68038 91400 Year 3 Autumn s 48540 48531 91320 91314 Spring se 91239 48250	Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology Semester Signals and Systems Electromechanical Automation Metabolic Biochemistry General Microbiology Semester Human Pathophysiology Engineering Economics and Finance		6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230 48521 48520 65212 Year 2 Autumn s 48230 48530 48530 48441	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 mester Mathematical Modelling 2 Fundamentals of Electrical Engineering Electronics and Circuits Chemistry 2 semester Engineering Communication Circuit Analysis Introductory Digital Systems		6cp 6cp 6cp 6cp 6cp 6cp 6cp
Spring set 48240 48430 68038 91400 Year 3 Autumn set 48540 48531 91320 91314 Spring set 91239 48250 Select one 48560	Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology semester Signals and Systems Electromechanical Automation Metabolic Biochemistry General Microbiology smester Human Pathophysiology Engineering Economics and Finance es subject from the following: Introductory Control	6ср	6cp 6cp 6cp 6cp 6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230 48521 48520 65212 Year 2 Autumn s 48230 48530 48441 33360	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 Innester Mathematical Modelling 2 Fundamentals of Electrical Engineering Electronics and Circuits Chemistry 2 Semester Engineering Communication Circuit Analysis Introductory Digital Systems Mathematics for Physical Science		6cp 6cp 6cp 6cp 6cp 6cp 6cp
Spring set 48240 48430 68038 91400 Year 3 Autumn set 48540 48531 91320 91314 Spring set 91239 48250 Select ond 48560 48570	Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology semester Signals and Systems Electromechanical Automation Metabolic Biochemistry General Microbiology smester Human Pathophysiology Engineering Economics and Finance es subject from the following: Introductory Control Data Acquisition and Distribution	6ср	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230 48521 48520 65212 Year 2 Autumn s 48230 48530 48441 33360 Spring se	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 mester Mathematical Modelling 2 Fundamentals of Electrical Engineering Electronics and Circuits Chemistry 2 semester Engineering Communication Circuit Analysis Introductory Digital Systems Mathematics for Physical Science		6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Spring set 48240 48430 68038 91400 Year 3 Autumn set 48540 48531 91320 91314 Spring set 91239 48250 Select one 48560	Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology semester Signals and Systems Electromechanical Automation Metabolic Biochemistry General Microbiology smester Human Pathophysiology Engineering Economics and Finance es subject from the following: Introductory Control	6ср 6ср	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230 48521 48520 65212 Year 2 Autumn s 48230 48530 48441 33360	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 mester Mathematical Modelling 2 Fundamentals of Electrical Engineering Electronics and Circuits Chemistry 2 semester Engineering Communication Circuit Analysis Introductory Digital Systems Mathematics for Physical Science mester Embedded C		6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Spring set 48240 48430 68038 91400 Year 3 Autumn set 48540 48531 91320 91314 Spring set 91239 48250 Select one 48560 48570 48451	Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology Semester Signals and Systems Electromechanical Automation Metabolic Biochemistry General Microbiology Semester Human Pathophysiology Engineering Economics and Finance Se subject from the following: Introductory Control Data Acquisition and Distribution Advanced Digital Systems	6ср	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230 48521 48520 65212 Year 2 Autumn s 48230 48530 48441 33360 Spring se 48430 68038 68038	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 mester Mathematical Modelling 2 Fundamentals of Electrical Engineering Electronics and Circuits Chemistry 2 semester Engineering Communication Circuit Analysis Introductory Digital Systems Mathematics for Physical Science mester Embedded C Advanced Mathematics and Physics Physics in Action		6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Spring se 48240 48430 68038 91400 Year 3 Autumn s 48540 48531 91320 91314 Spring se 91239 48250 Select one 48560 48570 48451 48571 48572	Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology Emester Signals and Systems Electromechanical Automation Metabolic Biochemistry General Microbiology Emester Human Pathophysiology Engineering Economics and Finance es subject from the following: Introductory Control Data Acquisition and Distribution Advanced Digital Systems Electrical Machines	6ср 6ср 6ср	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230 48521 48520 65212 Year 2 Autumn s 48230 48530 48441 33360 Spring se 48430 68038 68201 68070	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 mester Mathematical Modelling 2 Fundamentals of Electrical Engineering Electronics and Circuits Chemistry 2 semester Engineering Communication Circuit Analysis Introductory Digital Systems Mathematics for Physical Science mester Embedded C Advanced Mathematics and Physics		6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Spring se 48240 48430 68038 91400 Year 3 Autumn s 48540 48531 91320 91314 Spring se 91239 48250 Select one 48560 48570 48451 48571 48572	Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology semester Signals and Systems Electromechanical Automation Metabolic Biochemistry General Microbiology smester Human Pathophysiology Engineering Economics and Finance es subject from the following: Introductory Control Data Acquisition and Distribution Advanced Digital Systems Electrical Machines Power Circuit Theory	6ср 6ср 6ср	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230 48521 48520 65212 Year 2 Autumn s 48230 48530 48441 33360 Spring se 48430 68038 68038	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 mester Mathematical Modelling 2 Fundamentals of Electrical Engineering Electronics and Circuits Chemistry 2 semester Engineering Communication Circuit Analysis Introductory Digital Systems Mathematics for Physical Science mester Embedded C Advanced Mathematics and Physics Physics in Action		6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Spring set 48240 48430 68038 91400 Year 3 Autumn set 48540 48531 91320 91314 Spring set 91239 48250 Select one 48560 48570 48451 48571 48572 Select 6 celebrates for the set of	Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology Emester Signals and Systems Electromechanical Automation Metabolic Biochemistry General Microbiology Emester Human Pathophysiology Engineering Economics and Finance esubject from the following: Introductory Control Data Acquisition and Distribution Advanced Digital Systems Electrical Machines Power Circuit Theory Tedit points of electives	6ср 6ср 6ср	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230 48521 48520 65212 Year 2 Autumn s 48230 48530 48441 33360 Spring se 48430 68038 68201 68070 Year 3 Autumn s	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 mester Mathematical Modelling 2 Fundamentals of Electrical Engineering Electronics and Circuits Chemistry 2 semester Engineering Communication Circuit Analysis Introductory Digital Systems Mathematics for Physical Science mester Embedded C Advanced Mathematics and Physics Physics in Action Introduction to Materials		6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Spring set 48240 48430 68038 91400 Year 3 Autumn set 48540 48531 91320 91314 Spring set 91239 48250 Select one 48560 48570 48451 48571 48572 Select 6 cet Year 4 Autumn set 91703	Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology Emester Signals and Systems Electromechanical Automation Metabolic Biochemistry General Microbiology Emester Human Pathophysiology Engineering Economics and Finance esubject from the following: Introductory Control Data Acquisition and Distribution Advanced Digital Systems Electrical Machines Power Circuit Theory Tredit points of electives Emester Physiological Systems	6ср 6ср 6ср	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230 48521 48520 65212 Year 2 Autumn s 48230 48530 48441 33360 Spring se 48430 68038 68201 68070 Year 3 Autumn s	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 mester Mathematical Modelling 2 Fundamentals of Electrical Engineering Electronics and Circuits Chemistry 2 semester Engineering Communication Circuit Analysis Introductory Digital Systems Mathematics for Physical Science mester Embedded C Advanced Mathematics and Physics Physics in Action Introduction to Materials semester Signals and Systems		6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Spring set 48240 48430 68038 91400 Year 3 Autumn set 48540 48531 91320 91314 Spring set 91239 48250 Select one 48560 48570 48451 48571 48572 Select 6 cet Year 4 Autumn set 91703 48260	Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology Bemester Signals and Systems Electromechanical Automation Metabolic Biochemistry General Microbiology Emester Human Pathophysiology Engineering Economics and Finance Explication subject from the following: Introductory Control Data Acquisition and Distribution Advanced Digital Systems Electrical Machines Power Circuit Theory Tredit points of electives Bemester Physiological Systems Engineering Project Management	6ср 6ср 6ср	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230 48521 48520 65212 Year 2 Autumn s 48230 48530 48441 33360 Spring se 48430 68038 68201 68070 Year 3 Autumn s 48540 48540 48531	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 mester Mathematical Modelling 2 Fundamentals of Electrical Engineering Electronics and Circuits Chemistry 2 semester Engineering Communication Circuit Analysis Introductory Digital Systems Mathematics for Physical Science mester Embedded C Advanced Mathematics and Physics Physics in Action Introduction to Materials semester Signals and Systems Design Fundamentals Electromechanical Automation		6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Spring se 48240 48430 68038 91400 Year 3 Autumn s 48540 48531 91320 91314 Spring se 91239 48250 Select one 48560 48570 48451 48571 48572 Select 6 cc Year 4 Autumn s 91703 48260 48100	Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology Bemester Signals and Systems Electromechanical Automation Metabolic Biochemistry General Microbiology Bemester Human Pathophysiology Engineering Economics and Finance Explication subject from the following: Introductory Control Data Acquisition and Distribution Advanced Digital Systems Electrical Machines Power Circuit Theory Bemester Physiological Systems Engineering Project Management Professional Practice (BE)	6ср 6ср 6ср	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230 48521 48520 65212 Year 2 Autumn s 48230 48530 48441 33360 Spring se 48430 68038 68201 68070 Year 3 Autumn s 48540 48240	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 mester Mathematical Modelling 2 Fundamentals of Electrical Engineering Electronics and Circuits Chemistry 2 mester Engineering Communication Circuit Analysis Introductory Digital Systems Mathematics for Physical Science mester Embedded C Advanced Mathematics and Physics Physics in Action Introduction to Materials mester Signals and Systems Design Fundamentals		6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Spring se 48240 48430 68038 91400 Year 3 Autumn s 48540 48531 91320 91314 Spring se 91239 48250 Select one 48560 48570 48451 48571 48572 Select 6 cc Year 4 Autumn s 91703 48260 48100	Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology Bemester Signals and Systems Electromechanical Automation Metabolic Biochemistry General Microbiology Emester Human Pathophysiology Engineering Economics and Finance Explication subject from the following: Introductory Control Data Acquisition and Distribution Advanced Digital Systems Electrical Machines Power Circuit Theory Tredit points of electives Bemester Physiological Systems Engineering Project Management	6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230 48521 48520 65212 Year 2 Autumn s 48230 48530 48441 33360 Spring se 48430 68038 68201 68070 Year 3 Autumn s 48540 48540 48531	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 mester Mathematical Modelling 2 Fundamentals of Electrical Engineering Electronics and Circuits Chemistry 2 semester Engineering Communication Circuit Analysis Introductory Digital Systems Mathematics for Physical Science mester Embedded C Advanced Mathematics and Physics Physics in Action Introduction to Materials semester Signals and Systems Design Fundamentals Electromechanical Automation		6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Spring set 48240 48430 68038 91400 Year 3 Autumn 5 48540 48531 91320 91314 Spring set 91239 48250 Select one 48560 48571 48572 Select 6 cc Year 4 Autumn 5 91703 48260 48100 Select one 48580 48581	Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology Bemester Signals and Systems Electromechanical Automation Metabolic Biochemistry General Microbiology Emester Human Pathophysiology Engineering Economics and Finance esubject from the following: Introductory Control Data Acquisition and Distribution Advanced Digital Systems Electrical Machines Power Circuit Theory redit points of electives Bemester Physiological Systems Engineering Project Management Professional Practice (BE) Esubject from the following: Advanced Control Digital Electronics	6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230 48521 48520 65212 Year 2 Autumn s 48230 48530 48441 33360 Spring se 48430 68038 68201 68070 Year 3 Autumn s 48540 48540 48531	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 mester Mathematical Modelling 2 Fundamentals of Electrical Engineering Electronics and Circuits Chemistry 2 semester Engineering Communication Circuit Analysis Introductory Digital Systems Mathematics for Physical Science mester Embedded C Advanced Mathematics and Physics Physics in Action Introduction to Materials semester Signals and Systems Design Fundamentals Electromechanical Automation		6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Spring set 48240 48430 68038 91400 Year 3 Autumn set 48540 48531 91320 91314 Spring set 91239 48250 Select one 48560 48571 48572 Select 6 cc Year 4 Autumn set 91703 48260 48100 Select one 48580 48581 48434	Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology Semester Signals and Systems Electromechanical Automation Metabolic Biochemistry General Microbiology Emester Human Pathophysiology Engineering Economics and Finance esubject from the following: Introductory Control Data Acquisition and Distribution Advanced Digital Systems Electrical Machines Power Circuit Theory stedit points of electives Semester Physiological Systems Engineering Project Management Professional Practice (BE) esubject from the following: Advanced Control Digital Electronics Embedded Software	6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230 48521 48520 65212 Year 2 Autumn s 48230 48530 48441 33360 Spring se 48430 68038 68201 68070 Year 3 Autumn s 48540 48540 48531	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 mester Mathematical Modelling 2 Fundamentals of Electrical Engineering Electronics and Circuits Chemistry 2 semester Engineering Communication Circuit Analysis Introductory Digital Systems Mathematics for Physical Science mester Embedded C Advanced Mathematics and Physics Physics in Action Introduction to Materials semester Signals and Systems Design Fundamentals Electromechanical Automation		6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Spring set 48240 48430 68038 91400 Year 3 Autumn 5 48540 48531 91320 91314 Spring set 91239 48250 Select one 48560 48571 48572 Select 6 cc Year 4 Autumn 5 91703 48260 48100 Select one 48580 48581	Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology Bemester Signals and Systems Electromechanical Automation Metabolic Biochemistry General Microbiology Emester Human Pathophysiology Engineering Economics and Finance esubject from the following: Introductory Control Data Acquisition and Distribution Advanced Digital Systems Electrical Machines Power Circuit Theory redit points of electives Bemester Physiological Systems Engineering Project Management Professional Practice (BE) Esubject from the following: Advanced Control Digital Electronics	6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230 48521 48520 65212 Year 2 Autumn s 48230 48530 48441 33360 Spring se 48430 68038 68201 68070 Year 3 Autumn s 48540 48540 48531	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 mester Mathematical Modelling 2 Fundamentals of Electrical Engineering Electronics and Circuits Chemistry 2 semester Engineering Communication Circuit Analysis Introductory Digital Systems Mathematics for Physical Science mester Embedded C Advanced Mathematics and Physics Physics in Action Introduction to Materials semester Signals and Systems Design Fundamentals Electromechanical Automation		6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Spring set 48240 48430 68038 91400 Year 3 Autumn set 48540 48531 91320 91314 Spring set 91239 48250 Select one 48560 48570 48451 48571 48572 Select 6 ce Year 4 Autumn set 91703 48260 48100 Select one 48580 48581 48434 48561 48582	mester Design Fundamentals Embedded C Advanced Mathematics and Physics Human Anatomy and Physiology semester Signals and Systems Electromechanical Automation Metabolic Biochemistry General Microbiology smester Human Pathophysiology Engineering Economics and Finance esubject from the following: Introductory Control Data Acquisition and Distribution Advanced Digital Systems Electrical Machines Power Circuit Theory stedit points of electives semester Physiological Systems Engineering Project Management Professional Practice (BE) esubject from the following: Advanced Control Digital Electronics Embedded Software Power Electronics and Drives	6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Autumn s 33130 48510 68037 65111 Spring se 33230 48521 48520 65212 Year 2 Autumn s 48230 48530 48441 33360 Spring se 48430 68038 68201 68070 Year 3 Autumn s 48540 48540 48531	Mathematical Modelling 1 Introduction to Electrical Engineering Physical Modelling Chemistry 1 mester Mathematical Modelling 2 Fundamentals of Electrical Engineering Electronics and Circuits Chemistry 2 semester Engineering Communication Circuit Analysis Introductory Digital Systems Mathematics for Physical Science mester Embedded C Advanced Mathematics and Physics Physics in Action Introduction to Materials semester Signals and Systems Design Fundamentals Electromechanical Automation		6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp

Spring se	mester		
48250 68315	Engineering Economics and Finance Imaging Science		6ср 6ср
Select one 48560 48570 48451 48571	subject from the following: Introductory Control Data Acquisition and Distribution Advanced Digital Systems Electrical Machines	6cp 6cp 6cp 6cp	6ср
48572	Power Circuit Theory	6ср	(
	edit points of electives		6ср
Year 4			
Autumn s			600
48260 65307 48100	Engineering Project Management Physical Chemistry 1 Professional Practice (BE)		6ср 6ср 0ср
Select one 48580 48581 48434 48561 48582	subject from the following: Advanced Control Digital Electronics Embedded Software Power Electronics and Drives Power Systems Analysis and Design	6cp 6cp 6cp 6cp 6cp	6ср
Select 6 cr	edit points of electives		6ср
Spring se	mester		
48270 68413	Entrepreneurship and Commercialisation Quantum Physics		6ср 6ср
Select two 48560 48570 48451 48571 48572 49274 48551 48450 48550 48583 Year 5 Autumn s 68606 48016 67509	o subjects from the following: Introductory Control Data Acquisition and Distribution Advanced Digital Systems Electrical Machines Power Circuit Theory Advanced Robotics Analog Electronics Real-time Operating Systems Renewable Energy Systems Power Systems Operation and Protection	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp
Spring se		1	
48026	Capstone Project Part B		6ср
Select two 67510 68320 68513 91140	subjects from the following: Surface Processes Scanning Probe and Electron Microscopy Optics and Nanophotonics BioNanotechnology	6cp 6cp 6cp 6cp	12cp
49274 48551 48450 48550 48583 Levels	subject from the following: Advanced Robotics Analog Electronics Real-time Operating Systems Renewable Energy Systems Power Systems Operation and Protection of award	6cp 6cp 6cp 6cp 6cp	6ср
The Bache	elor of Engineering may be awarded with fi	rst or se	econd

The Bachelor of Engineering may be awarded with first or second class honours for meritorious performance in the course as a whole.

Honours

An honours program in science is available, which involves an extra year of full-time study. The honours program is designed to introduce students to more advanced coursework and to research work in science. It allows selected students to continue with postgraduate studies if desired and enhances their employment prospects.

Professional recognition

The Bachelor of Engineering is accredited by Engineers Australia (under the Washington Accord the degree is internationally recognised by countries including the UK, USA, Hong Kong China, Malaysia, Korea, Japan, Ireland, New Zealand, Canada, Chinese Taipei, Russia, Singapore, South Africa and Turkey). Depending on the disciplines chosen, students may also be eligible for entry to other relevant professional associations.

Other information

Further information is available from: Building 1 Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

C10074v5 Bachelor of Engineering Bachelor of Science Diploma in Engineering Practice

Award(s): Bachelor of Engineering in (name of Engineering major)
Diploma in Engineering Practice (BE DipEngPrac)
Bachelor of Science in (name of Science major)
CRICOS code: 043278C
Commonwealth-supported place?: Yes
Load credit points: 252
Course EFTSL: 5.25
Location: City campus

Note(s)

This course is only offered to new international students. Local students in an existing UTS course may be able to transfer into it.

Overview

This combined degree is the same as the Bachelor of Engineering Bachelor of Science (C10073) (see page 160), except for the additional requirement of two internships and completion of the engineering practice program. Students can transfer to this program if they wish to complete the Diploma in Engineering Practice.

There is a strong interrelation between the progress of engineering and developments in science and a demonstrated need for professionals with a strong understanding and experience in both areas.

Students also have the option of undertaking honours in science.

Course aims

The course aims to develop in students valuable skills highly prized by employers, including the technological expertise to understand scientific problems and the design skills to implement solutions.

Career options

Career options depend on the majors and subjects chosen. Options include research, design and development, and scientific management. Graduates work in industry or government, in areas such as biotechnology, communications, energy and resource exploration, environmental protection, medical technology, molecular biology and materials technology, nanotechnology and transportation.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

There is provision for students already enrolled in a Bachelor of Science or a Bachelor of Engineering degree to transfer to the combined degree program. The eligibility criteria used to assess transfer applications for students currently enrolled in a science or engineering program are in line with those used by the Universities Admissions Centre to assess non-current school leaver applicants.

Current school leavers are advised to submit a HSC Bonus Scheme Questionnaire to UTS by 30 November.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Local students

Entry to individual engineering majors is subject to ATAR requirements.

International students

Applicants who successfully complete a recognised pathway program are also eligible to apply.

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

 $Mathematics\ Extension\ 1;\ Physics;\ and\ English\ Standard.$

English Advanced is recommended.

Course duration and attendance

The course duration is six years full time, 12 years part time, or seven years full time with honours.

Full-time attendance involves up to 24 hours each week at the University. Part-time attendance involves up to 12 hours each week at the University. It is expected that employers will release part-time students for at least one half-day a week for attendance at classes.

Course structure

The program comprises a total of 252 credit points, made up of 174 credit points relating to the Bachelor of Engineering Diploma in Engineering Practice and 78 credit points relating to the Bachelor of Science.

The engineering component of this course is made up of subjects selected from the engineering core, the engineering practice program and the engineering fields of practice (majors).

The science component represents a specific science major.

Graduation from the science component of the combined degree is not possible prior to completion of all components of the combined degree. Students wishing to graduate with a Bachelor of Science prior to completion of the engineering component of the combined degree must apply for transfer to the Bachelor of Science (C10242) (see page 241) single degree program where they must complete all requirements for the stand-alone single degree version.

Similarly, if a student wishes to graduate from the engineering component of the combined degree prior to completion of the science component they must apply for transfer to the Bachelor of Engineering Diploma in Engineering Practice (C10061) (see page 140) single degree program where they must complete all requirements for the standalone single degree version.

Further, students wishing to graduate from the engineering component of the combined degree prior to completion of the science component must have completed at least 60 credit points of the science major (CBK90586).

Industrial training/professional practice

The Diploma in Engineering Practice requires the completion of two six-month internships and the engineering practice program.

Course completion requirements

STM90106 Core subjects	48cp
STM90271 Engineering practice program	12cp
CBK90586 Major choice (Science)	78cp
CBK90176 Major choice (Engineering)	114cp
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Levels of award

The Bachelor of Engineering Diploma in Engineering Practice may be awarded with first or second class honours for meritorious performance in the course as a whole.

Honours

An honours program in science is available, which involves an extra year of full-time study. The honours program is designed to introduce students to more advanced coursework and to research work in science. It allows selected students to continue with postgraduate studies if desired and enhances their employment prospects.

Professional recognition

The Bachelor of Engineering is accredited by Engineers Australia (under the Washington Accord the degree is internationally recognised by countries including the UK, USA, Hong Kong China, Malaysia, Korea, Japan, Ireland, New Zealand, Canada, Chinese Taipei, Russia, Singapore, South Africa and Turkey). Depending on the disciplines chosen, students may also be eligible for entry to other relevant professional associations.

Other information

Further information is available from:

Building 1 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10075v6 Bachelor of Engineering Bachelor of Medical Science

Award(s): Bachelor of Engineering in (name of Engineering major) (BE)

Bachelor of Medical Science (BMedSc)

UAC code: 609370 CRICOS code: 040710E

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Overview

This combined degree is designed to provide opportunities for students interested in medical science, the scientific basis of engineering and technology, and the technology itself.

There is a strong interrelation between the progress of engineering and developments in science, and a demonstrated need for professionals with a strong understanding and experience in both areas.

A strong professional focus ensures graduates of this course learn the skills employers want with a solid link between theory and practice and the benefits of hands-on experience.

This combined degree can be completed in less time than would be required to complete the two degrees separately.

Course aims

This course aims to produce graduates with professional qualifications in medical science and engineering who are well prepared to pursue a career in either field, or one that combines the skills of both.

Career options

Career options include positions in biotechnology, communications, construction, energy and resource exploration and development, environmental protection and management, materials technology, mathematical modelling, medical technology and instrumentation, molecular biology, nanotechnology and transportation.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

There is provision for students already enrolled in a Bachelor of Medical Science or a Bachelor of Engineering degree to transfer to this combined degree program. The eligibility criteria used to assess transfer applications are in line with those used by the Universities Admissions Centre to assess non-current school leaver applicants.

Current school leavers are advised to submit a HSC Bonus Scheme Questionnaire to UTS by 2 December.

Non-current school leavers are advised to complete the employment question on their UAC application as bonus points may be awarded on the basis of relevant work experience.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics Extension 1; Physics; and English Standard.

English Advanced is recommended.

Course duration and attendance

This course is offered over five years full time, 10 years part time, or six years full time with honours.

Full-time attendance involves approximately 24 hours each week at the University, which allows a full stage of the course to be completed in one semester. Part-time attendance involves approximately 12 hours each week at the University, which allows a full stage to be completed in one year. It is expected that employers will release parttime students for at least one half-day a week for attendance at classes.

Course structure

The program comprises a total of 240 credit points, made up of 162 credit points relating to the Bachelor of Engineering and 78 credit points relating to the Bachelor of Medical Science.

The engineering component of this course is made up of subjects selected from the engineering core and the engineering fields of practice (majors).

The medical science component represents a specific medical science strand.

Graduation from the medical science component of the combined degree is not possible prior to completion of all components of the combined degree. Students wishing to graduate with a Bachelor of Medical Science prior to completion of the engineering component of the combined degree must apply for transfer to the Bachelor of Medical Science (C10184) (see page 217) single degree program where they must complete all requirements for the stand-alone single degree version.

Similarly, if a student wishes to graduate from the engineering component of the combined degree prior to completion of the science component they must apply for transfer to the Bachelor of Engineering (C10067) (see page 152) single degree program where they must complete all requirements for the stand-alone single degree version, including the Professional Practice (BE) subject.

Further, students wishing to graduate from the engineering component of the combined degree prior to completion of the medical science component must have completed at least 60 credit points of the medical science major (STM90348).

Industrial training/professional practice

Students are required to undertake a minimum of 12 weeks of engineering experience.

A Diploma in Engineering Practice is also available. The Diploma in Engineering Practice requires the additional completion of two sixmonth internships and the engineering practice program.

Course completion requirements

STM90106	Core subjects	48cp
CBK90176	Major choice (Engineering)	114cp
STM90348	Core subjects (Medical Science)	78cp
48100	Professional Practice (BE)	0cp
		Total 240cp

Course program

The example program below is for a full-time, Autumn-commencing student with electrical engineering as their chosen engineering major.

Year 1

Autumn semester

33130	Mathematical Modelling 1	6ср
48510	Introduction to Electrical Engineering	6ср
68037	Physical Modelling	6cp
65111	Chemistry 1	6cp

Spring semester

33230	Mathematical Modelling 2	6ср
48023	Programming Fundamentals	6ср
48520	Electronics and Circuits	6cp
65212	Chemistry 2	6cp
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Year 2

Autumn semester

48230	Engineering Communication	6ср
48610	Introduction to Mechanical and Mechatronic	-
	Engineering	6ср
48441	Introductory Digital Systems	6ср
91161	Cell Biology and Genetics	6ср
Spring se	emester	
48240	Design Fundamentals	6ср
48530	Circuit Analysis	6ср
68038	Advanced Mathematics and Physics	6ср

6ср

91400 Year 3

Autumn semester

48430	Embedded C	6ср
48531	Electromechanical Automation	6ср
91320	Metabolic Biochemistry	6cp
91314	General Microbiology	6cp

Human Anatomy and Physiology

Spring semester

48451	Advanced Digital Systems	6ср
48540	Signals and Systems	6ср
48250	Engineering Économics and Finance	6ср
91705	Medical Devices and Diagnostics	6cp

Year 4

Autumn semester

48260	Engineering Project Management	6ср
48570	Data Acquisition and Distribution	6cp
48210	Interrogating Technology: Sustainability,	-
	Environment and Social Change	6ср
91703	Physiological Systems	6cp
48100	Professional Practice (BE)	0cp

Snring competor

Spinig semester		
Renewable Energy Systems	6ср	
Analog Electronics	6ср	
Introductory Control	6cp	
Human Pathophysiology	6cp	
	Renewable Energy Systems Analog Electronics Introductory Control	

Year 5

Autumn semester

48434	Embedded Software	6ср
48016	Capstone Project Part A	6cp
91706	Neuroscience	6ср
91707	Pharmacology 1	6ср

Spring competer

Spirity serificater		
48270	Entrepreneurship and Commercialisation	6ср
48026	Capstone Project Part B	6ср
91708	Medical and Applied Physiology	6ср
91709	Pharmacology 2	6cp

Levels of award

The Bachelor of Engineering may be awarded with first or second class honours for meritorious performance in the course as a whole.

Honours

An honours program in medical science (C09031) (see page 116) is available, which involves an extra year of full-time study. The honours program is designed to introduce students to more advanced coursework and to research work in medical sciences. It allows selected students to continue with postgraduate studies if desired and enhances their employment prospects.

Professional recognition

The Bachelor of Engineering is accredited by Engineers Australia (under the Washington Accord the degree is internationally recognised by countries including the UK, USA, Hong Kong China, Malaysia, Korea, Japan, Ireland, New Zealand, Canada, Chinese Taipei, Russia, Singapore, South Africa and Turkey). Depending on the disciplines chosen, students may also be eligible for entry to other relevant professional associations.

Other information

Further information is available from: Building 1 Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10076v6 Bachelor of Engineering Bachelor of Medical Science Diploma in Engineering Practice

Award(s): Bachelor of Engineering in (name of Engineering major)
Diploma in Engineering Practice (BE DipEngPrac)
Bachelor of Medical Science (BMedSc)

CRICOS code: 043277D

Commonwealth-supported place?: Yes

Load credit points: 252 Course EFTSL: 5.25 Location: City campus

Note(s)

This course is only offered to new international students. Local students in an existing UTS course may be able to transfer into it.

Overview

This combined degree is the same as the Bachelor of Engineering Bachelor of Medical Science (C10075) (see page 167), except for the additional requirement of two internships and completion of the engineering practice program. Students can transfer to this program if they wish to complete the Diploma in Engineering Practice.

There is a strong interrelation between the progress of engineering and developments in science, and a demonstrated need for professionals with a strong understanding and experience in both areas.

A strong professional focus ensures graduates of this course learn the skills employers want with a solid link between theory and practice, and the benefits of hands-on experience.

This combined degree can be completed in less time than would be required to complete the two degrees separately.

Career options

This course produces graduates with professional qualifications in medical science and engineering who are well prepared to pursue a career in either field or one that combines the skills of both.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

There is provision for students already enrolled in a Bachelor of Medical Science or a Bachelor of Engineering degree to transfer to this combined degree program. The eligibility criteria used to assess transfer applications are in line with those used by the Universities Admissions Centre to assess non-current school leaver applicants.

Current school leavers are advised to submit a HSC Bonus Scheme Questionnaire to UTS by $30\ \mathrm{November}.$

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Local students

Entry to individual engineering majors is subject to ATAR requirements.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics Extension 1; Physics; and English Standard. English Advanced is recommended.

Course duration and attendance

This course is offered over six years full time, 12 years part time, or seven years full time with honours.

Full-time attendance involves approximately 24 hours each week at the University, which allows a full stage of the course to be completed in one semester. Part-time attendance involves approximately 12 hours each week at the University, which allows a full stage to be completed in one year. It is expected that employers will release part-time students for at least one half-day a week for attendance at classes.

Course structure

The program comprises a total of 252 credit points, made up of 174 credit points from the Bachelor of Engineering Diploma in Engineering Practice and 78 credit points relating to the Bachelor of Medical Science.

The engineering component of this course is made up of subjects selected from the engineering core, the engineering practice program and the engineering fields of practice (majors).

The medical science component represents a specific medical science strand.

Graduation from the medical science component of the combined degree is not possible prior to completion of all components of the combined degree. Students wishing to graduate with a Bachelor of Medical Science prior to completion of the engineering component of the combined degree must apply for transfer to the Bachelor of Medical Science (C10184) (see page 217) single degree program where they must complete all requirements for the stand-alone single degree version.

Similarly, if a student wishes to graduate from the engineering component of the combined degree prior to completion of the medical science component they must apply for transfer to the Bachelor of Engineering Diploma in Engineering Practice (C10061) (see page 140) single degree program where they must complete all requirements for the stand-alone single degree version.

Further, students wishing to graduate from the engineering component of the combined degree prior to completion of the medical science component must have completed at least 60 credit points of the medical science major (STM90348).

Industrial training/professional practice

The Diploma in Engineering Practice requires the completion of two six-month internships and the Engineering Practice Program.

Course completion requirements

STM90106 Core subjects	48cp
STM90271 Engineering practice program	12cp
CBK90176 Major choice (Engineering)	114cp
STM90348 Core subjects (Medical Science)	78cp
,	Total 252cp

Levels of award

The Bachelor of Engineering Diploma in Engineering Practice may be awarded with first or second class honours for meritorious performance in the course as a whole.

Honours

An honours program in medical science (C09031) (see page 116) is available, which involves an extra year of full-time study. The honours program is designed to introduce students to more advanced coursework and to research work in medical sciences. It allows selected students to continue with postgraduate studies if desired and enhances their employment prospects.

Professional recognition

The Bachelor of Engineering is accredited by Engineers Australia (under the Washington Accord the degree is internationally recognised by countries including the UK, USA, Hong Kong China, Malaysia, Korea, Japan, Ireland, New Zealand, Canada, Chinese Taipei, Russia, Singapore, South Africa and Turkey). Depending on the disciplines chosen, students may also be eligible for entry to other relevant professional associations.

Other information

Further information is available from: Building 1 Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

C10078v6 Bachelor of Engineering Bachelor of Biotechnology

Award(s): Bachelor of Engineering in (name of Engineering major) (BE)

Bachelor of Biotechnology (BBiotech)

UAC code: 609380 CRICOS code: 043276E

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Overview

This combined degree is designed to provide opportunities for students interested in biotechnology, the scientific basis of engineering and technology, and the technology itself.

Engineers are needed in the biotechnology field to design new technologies for industries such as the food, agricultural, environmental and medical biotechnology industries.

A strong professional focus ensures graduates have the skills employers want with a solid link between theory and practice, and the benefits of hands-on experience.

This combined degree can be completed in less time than would be required to complete the two degrees separately.

Course aims

This course aims to produce graduates with professional qualifications in biotechnology and engineering who are well prepared to pursue a career in either field, or one that combines the skills of both.

Career options

Career options include positions in biotechnology, materials technology, medical technology and instrumentation, molecular biology and nanotechnology. Good employment opportunities exist with government scientific organisations, in research in universities, hospitals and industry, and in specialised development and consulting companies.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

There is provision for students already enrolled in a Bachelor of Biotechnology or a Bachelor of Engineering degree to transfer to this combined degree program. The eligibility criteria used to assess transfer applications are in line with those used by the Universities Admissions Centre to assess non-current school leaver applicants.

Current school leavers are advised to submit a HSC Bonus Scheme Questionnaire to UTS by 2 December.

Non-current school leavers are advised to complete the employment question on their UAC application as bonus points may be awarded on the basis of relevant work experience.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics Extension 1; Physics; and English Standard. English Advanced is recommended.

Course duration and attendance

The course duration is five years full time, 10 years part time, or six years full time with honours.

Full-time attendance involves approximately 24 hours each week at the University, which allows a full stage of the course to be completed in one semester. Part-time attendance involves approximately 12 hours each week at the University, which allows a full stage to be completed in one year. It is expected that employers will release part-time students for at least one half-day a week for attendance at classes.

Course structure

The course comprises a total of 240 credit points, made up of 162 credit points of engineering subjects and 78 credit points of biotechnology subjects.

The engineering component of this course is made up of subjects selected from the engineering core and the engineering fields of practice (majors).

The biotechnology component represents a specific biotechnology strand. There is an emphasis on DNA technologies and applications, and on industrial aspects of biotechnology. Students attain a high level of competence in microbiology and biochemistry, and learn to design products involving the application of biotechnology in product manufacturing.

Graduation from the biotechnology component of the combined degree is not possible prior to completion of all components of the combined degree. Students wishing to graduate with a Bachelor of Biotechnology prior to completion of the engineering component of the combined degree must apply for transfer to the Bachelor of Biotechnology (C10172) (see page 215) single degree program where they must complete all requirements for the stand-alone single degree version.

Similarly, if a student wishes to graduate from the engineering component of the combined degree prior to completion of the biotechnology component they must apply for transfer to the Bachelor of Engineering (C10067) (see page 152) single degree program where they must complete all requirements for the stand-alone single degree version, including the Professional Practice (BE) subject.

Further, students wishing to graduate from the engineering component of the combined degree prior to completion of the biotechnology component must have completed at least 60 credit points of biotechnology subjects (STM90274).

Industrial training/professional practice

Students are required to undertake a minimum of 12 weeks of engineering experience.

A Diploma in Engineering Practice is also available. The Diploma in Engineering Practice requires the additional completion of two sixmonth internships and the engineering practice program.

Course completion requirements

Mathematical Modelling 1

STM90106 Core subjects	48cp
CBK90176 Major choice (Engineering)	114cp
STM90274 Core subjects (Biotechnology)	78cp
48100 Professional Practice (BE)	0cp
	Total 240cp

Course program

The example program below is for a full-time, Autumn-commencing student with electrical engineering as their chosen engineering major.

Year 1

Autumn semester 33130 Mather

00100	Madicinatical Modelling 1	ocp
48510	Introduction to Electrical Engineering	6ср
68037	Physical Modelling	6ср
65111	Chemistry 1	6ср
Spring ser	mester	
33230	Mathematical Modelling 2	6ср
48023	Programming Fundamentals	6ср
48520	Electronics and Circuits	6ср
65212	Chemistry 2	6ср

6cp

Undergraduate courses

Year 2

Autumn s	emester	
48230	Engineering Communication	6ср
48610	Introduction to Mechanical and Mechatronic	-
	Engineering	6ср
48441	Introductory Digital Systems	6ср
91161	Cell Biology and Genetics	6ср
Spring se	mester	
48240	Design Fundamentals	6ср
48530	Circuit Analysis	6cp
68038	Advanced Mathematics and Physics	6cp
91400	Human Anatomy and Physiology	6cp
Year 3		
Autumn s	emester	
48430	Embedded C	6ср
48531	Electromechanical Automation	6cp

48540Signals and Systems6ct48250Engineering Economics and Finance6ct	91314	General Microbiology	6cp
48540Signals and Systems6ct48250Engineering Economics and Finance6ct	Spring s	emester	
48250 Engineering Économics and Finance 6cr	48451	Advanced Digital Systems	6ср
	48540	Signals and Systems	6ср
91132 Molecular Biology 1 6cr	48250	Engineering Économics and Finance	6ср
	91132	Molecular Biology 1	6ср

Metabolic Biochemistry

Year 4

48260

91320

Autumn	semester

48260	Engineering Project Management		6ср
48210	Interrogating Technology: Sustainability,		-
	Environment and Social Change		6ср
91142	Biotechnology		6ср
91144	Plant Biotechnology		6ср
48100	Professional Practice (BE)		0cp
Spring se	mester		
48570	Data Acquisition and Distribution		6ср
48551	Analog Électronics		6cp
48550	Renewable Energy Systems		6ср
Select 6 cr	redit points from the following options:		6ср
91326	Analytical Biochemistry	6ср	_
91330	Epidemiology and Public Health		
	Microbiology	6ср	
91401	Introductory Haematology and	_	
	Immunology	6ср	

Year 5

48560

91368

Autumn semester

48434	Embedded Software	6ср
48016	Capstone Project Part A	6ср
91369	Biobusiness and Environmental Biotechnology	6ср
Selec 9133 9135	07	6ср
Spring se	emester	
48270	Entrepreneurship and Commercialisation	6ср
48026	Capstone Project Part B	6ср

Levels of award

Introductory Control

Bioreactors and Bioprocessing

The Bachelor of Engineering may be awarded with first or second class honours for meritorious performance in the course as a whole.

Honours

An honours program in biotechnology (C09022) (see page 113) is available, which involves an extra year of full-time study. The honours program is designed to introduce students to more advanced coursework and to research work in biotechnology. It allows selected students to continue with postgraduate studies if desired and enhances their employment prospects.

Professional recognition

The Bachelor of Engineering is accredited by Engineers Australia (under the Washington Accord the degree is internationally recognised by countries including the UK, USA, Hong Kong China, Malaysia, Korea, Japan, Ireland, New Zealand, Canada, Chinese Taipei, Russia, Singapore, South Africa and Turkey). Depending on the disciplines chosen, students may also be eligible for entry to other relevant professional associations.

Other information

Further information is available from: Building 1 Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

C10079v5 Bachelor of Engineering Bachelor of Biotechnology Diploma in Engineering Practice

Award(s): Bachelor of Engineering in (name of Engineering major) Diploma in Engineering Practice (BE DipEngPrac) Bachelor of Biotechnology (BBiotech) CRICOS code: 059754D Commonwealth-supported place?: Yes Load credit points: 252 Course EFTSL: 5.25 Location: City campus

Note(s)

6ср

6cp

This course is only offered to new international students. Local students in an existing UTS course may be able to transfer into it.

Overview

This combined degree is the same as the Bachelor of Engineering Bachelor of Biotechnology (C10078) (see page 170), except for the additional requirement of two internships and completion of the engineering practice program. Students can transfer to this program if they wish to complete the Diploma in Engineering Practice.

Engineers are needed in the biotechnology field to design new technologies for industries such as the food, agricultural, environmental and medical biotechnology industries.

A strong professional focus ensures graduates of this course learn the skills employers want with a solid link between theory and practice, and the benefits of hands-on experience.

This combined degree can be completed in less time than would be required to complete the two degrees separately.

Course aims

This course aims to produce graduates with professional qualifications in biotechnology and engineering who are well prepared to pursue a career in either field, or one that combines the skills of both

Career options

Career options include positions in biotechnology, materials technology, medical technology and instrumentation, molecular biology and nanotechnology. Good employment opportunities exist with government scientific organisations, research in universities, hospitals and industry, and in specialised development and consulting companies.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

There is provision for students already enrolled in a Bachelor of Biotechnology or a Bachelor of Engineering degree to transfer to this combined degree program. The eligibility criteria used to assess transfer applications are in line with those used by the Universities Admissions Centre to assess non-current school leaver applicants.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

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Local students

Entry to individual engineering majors is subject to ATAR requirements.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics Extension 1; Physics; and English Standard. English Advanced is recommended.

Course duration and attendance

The course duration is six years full time, 12 years part time, or seven years full time with honours.

Full-time attendance involves approximately 24 hours each week at the University, which allows a full stage of the course to be completed in one semester. Part-time attendance involves approximately 12 hours each week at the University, which allows a full stage to be completed in one year. It is expected that employers will release part-time students for at least one half-day a week for attendance at classes.

Course structure

The program comprises a total of 252 credit points, made up of 174 credit points relating to the Bachelor of Engineering Diploma in Engineering Practice and 78 credit points relating to the Bachelor of Biotechnology.

The engineering component of the course is made up of subjects selected from the engineering core, the engineering practice program and the engineering fields of practice (majors).

The biotechnology component represents a specific biotechnology strand. There is an emphasis on DNA technologies and applications, and industrial aspects of biotechnology. Students attain a high level of competence in microbiology and biochemistry, and learn to design products involving the application of biotechnology in product manufacturing.

Graduation from the biotechnology component of the combined degree is not possible prior to completion of all components of the combined degree. Students wishing to graduate with a Bachelor of Biotechnology prior to completion of the engineering component of the combined degree must apply for transfer to the Bachelor of Biotechnology (C10172) (see page 215) single degree program where they must complete all requirements for the stand-alone single degree version.

Similarly, if a student wishes to graduate from the engineering component of the combined degree prior to completion of the biotechnology component they must apply for transfer to the Bachelor of Engineering Diploma in Engineering Practice (C10061) (see page 140) single degree program where they must complete all requirements for the stand-alone single degree version.

Further, students wishing to graduate from the engineering component of the combined degree prior to completion of the biotechnology component must have completed at least 60 credit points of biotechnology subjects (STM90274).

Industrial training/professional practice

The Diploma in Engineering Practice requires the completion of two six-month internships and the engineering practice program.

Course completion requirements

oodi se comptetion i equil ements	
STM90106 Core subjects	48cp
STM90271 Engineering practice program	12cp
CBK90176 Major choice (Engineering)	114cp
STM90274 Core subjects (Biotechnology)	78cp
,	Total 252cp

Levels of award

The Bachelor of Engineering Diploma in Engineering Practice may be awarded with first or second class honours for meritorious performance in the course as a whole.

Honours

An honours program in biotechnology (C09022) (see page 113) is available, which involves an extra year of full-time study. The honours program is designed to introduce students to more advanced

coursework and to research work in biotechnology. It allows selected students to continue with postgraduate studies if desired and enhances their employment prospects.

Professional recognition

The Bachelor of Engineering is accredited by Engineers Australia (under the Washington Accord the degree is internationally recognised by countries including the UK, USA, Hong Kong China, Malaysia, Korea, Japan, Ireland, New Zealand, Canada, Chinese Taipei, Russia, Singapore, South Africa and Turkey). Depending on the disciplines chosen, students may also be eligible for entry to other relevant professional associations.

Other information

Further information is available from: Building 1 Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

C10115v7 Bachelor of Biomedical Science

Award(s): Bachelor of Biomedical Science (BBiomedSc)

UAC code: 607040 CRICOS code: 026805D

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Noteis

For international students, mid-year (July/August) intake may be considered on a case-by-case basis by the faculty.

Overview

This course provides an in-depth understanding of how the body works at the cellular level, what causes disease and the techniques of laboratory diagnosis of disease, including the expanding area of molecular-based diagnostic techniques. Students gain the underpinning knowledge and lab skills required to participate in research aimed at the prevention or treatment of disease.

This course provides a strong professional and industry focus. With extensive theoretical knowledge and advanced laboratory skills in medical laboratory science, students obtain a solid background in the biological/medical sciences and practical experimentation.

Career options

Career options include positions in diagnostic medical laboratories, pharmaceutical, biomedical and biotechnology industries. Students may pursue a career in biomedical research in hospitals or other research institutes. Biomedical science also provides excellent preparation for entry into graduate medical degrees.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics; English; and at least one science subject.

HSC Mathematics Extension 1 and Chemistry are recommended.

Course duration and attendance

Students can complete the course over three years full time. Full-time attendance involves approximately 20 hours each week on campus.

Students may also be able to complete the course in part-time mode, usually at the rate of two subjects a semester (a 50 per cent load), taking six years to complete. Part-time students are required to attend some sessions in daytime hours.

Course structure

The course comprises a total of 144 credit points. There is choice within the core subjects, enabling students to focus on a particular theme or area of expertise. The elective subjects enable students to increase their expertise in the biomedical science area or in other areas of science or other disciplines in the University. This can be in the form of a specialised 24-credit-point sub-major or by a varied selection of subjects.

Students must satisfactorily complete all core subjects and the required number of credit points of elective/second major subjects for award of the degree.

Course completion requirements

	Foundation stream (Life and Environmental Sciences)		48cp
	Core subjects (Medical and Molecular Biolog	<u>з</u> у)	48cp
91500	Histology		6ср
CBK90582	Elective 4		6ср
Select 36 ca	redit points from the following options:		36ср
91129	Transfusion Science	6ср	
91335	Molecular Biology 2	6ср	
91338	Clinical Bacteriology	6ср	
91344	Medical and Diagnostic Biochemistry	6ср	
91345	Biochemistry, Genes and Disease	6ср	
91358	Advanced Haematology	6cp	
91359	Advanced Immunology	6ср	
91402	Anatomical Pathology	6ср	
91352	Parasitology	6ср	
		Total	144cp

Course program

The program shown assumes full-time attendance, commencing in Autumn semester.

Year 1

65111

Autumn semester

Chemistry 1

91107 91161	The Biosphere Cell Biology and Genetics	6cp 6cp
33116 Spring se	Statistical Design and Analysis emester	6ср
65212	Chemistry 2	6ср
91123	Biocomplexity	6ср
91400	Human Anatomy and Physiology	6ср
68041	Physical Aspects of Nature	6ср
Year 2		
Autumn s	semester	
91314	General Microbiology	6ср
91320	Metabolic Biochemistry	6cp
	-)	

Spring	camactar

Histology

91500

CBK90579	Elective 1		6cp
Spring sen	nester		
91132	Molecular Biology 1		6ср
CBK90580	Elective 2		6ср
Select 12 cr	redit points from the following options:		12cp
91326	Analytical Biochemistry	6ср	
91330	Epidemiology and Public Health	_	
	Microbiology	6ср	
91401	Introductory Haematology and	•	
	Immunology	6ср	

Year 3

Autumn semester

CBK90581	Elective 3		6ср
Select 18 cm 91335 91338 91344 91358 91359	redit points from the following options: Molecular Biology 2 Clinical Bacteriology Medical and Diagnostic Biochemistry Advanced Haematology Advanced Immunology	6cp 6cp 6cp 6cp 6cp	18cp
Spring sen	nester		
CBK90582	Elective 4		6ср
Select 18 cm 91129 91345 91352 91402	redit points from the following options: Transfusion Science Biochemistry, Genes and Disease Parasitology Anatomical Pathology	6cp 6cp 6cp 6cp	18cp

Honours

The Bachelor of Science (Honours) in Biomedical Science (C09023) (see page 114) is available to eligible students with an additional one year of full-time study.

Professional recognition

The course is recognised by the Australian Institute of Medical Scientists (AIMS) (in order to secure AIMS accreditation, students must select 91402 Anatomical Pathology as one of their options).

Other information

Further information is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10122v10 Bachelor of Nursing

Award(s): Bachelor of Nursing (BN)

UAC code: 606000 [FT Kuring-gai], 606001 [PT Kuring-gai], 606002 [FT City), 606003 (Accelerated Program: Enrolled Nurse 2004 to 2008), 606004 (Accelerated Program: Enrolled Nurse 2009 onwards), 606005 (Accelerated

Program: Graduate Entry) CRICOS code: 019877B

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3

Location: City and Kuring-gai campuses

6cp

6ср

Students admitted to the Bachelor of Nursing (standard program) before 2010 should refer to the course description in the 2009

Students admitted to the Bachelor of Nursing (accelerated program) before 2011 should refer to the course description in the 2010 handbook.

Overview

The Bachelor of Nursing is designed to prepare students for the role of the registered nurse. The course incorporates a range of nursing subjects as well as behavioural science, physical science, ethics and professional subjects relevant to contemporary nursing practice. Graduates of the course are capable of delivering a high standard of confident, safe and therapeutic nursing care in a variety of health care settings. They demonstrate nursing care that is patient-centred, informed and responsible.

Clinical learning is a key element of the course with clinical placements in health care settings occurring in every semester. Learning technologies such as simulation, which is undertaken within the faculty's clinical practice laboratories, assist students in preparing for clinical practice. Across the course students develop an e-portfolio to showcase their abilities and facilitate career planning. In the third year of the course students are able to pursue an area of nursing interest by choosing a clinical specialty elective.

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Course aims

The course aims to prepare graduates who are independent lifelong learners to be attuned to the needs of patients from diverse backgrounds; are patient-centred and value collaboration with patients and colleagues; seek evidence in the exercise of clinical judgment and safe practice; and act in a professional, compassionate and ethical manner. In addition, graduates are prepared to foster the development of nursing as a practice discipline and demonstrate leadership in health care.

Career options

Career options for registered nurses include working in diverse specialty areas such as community health, critical care, intensive care, aged care, mental health, operating theatres and paediatrics. Career progression opportunities include working as a clinical nurse consultant, clinical nurse specialist, nurse educator, nurse manager, nurse practitioner or rural and remote practice nurse.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The requirements specified above apply to the standard, three-year mode of the course. The accelerated program has the following requirements.

- Bachelor of Nursing Accelerated: Graduate Entry: applicants
 who have successfully completed an Australian (or overseas
 equivalent) bachelor's degree in health, human bioscience, or
 social science within eight years prior to entry are eligible to
 apply. Successful applicants are given advanced standing (four
 subjects = 24 credit points) for their previous studies and are
 able to complete the course in two years full time, inclusive
 of pre-semester and summer subjects. Successful completion
 of the four-week, pre-semester subject in January/February
 2013 is required before proceeding to the Bachelor of Nursing:
 Accelerated Graduate Entry course.
- Bachelor of Nursing Accelerated: Enrolled Nurse Certificate entry (graduates between 2004 to 2008): applicants must have completed the TAFE Certificate IV in Nursing (Enrolled Nurse) and have commenced their studies between 2003 and 2007. Hospital-trained enrolled nurses are not eligible for the accelerated course. Successful applicants are given advanced standing (five subjects = 30 credit points) for their previous studies and are able to complete the course in two years full time inclusive of pre-semester and summer subjects.
- Bachelor of Nursing Accelerated: Enrolled Nurse Certificate
 or Diploma entry (graduates from 2009): applicants must
 have completed the TAFE Certificate IV in Nursing (Enrolled/
 Division 2 Nursing) or the TAFE Diploma/Advanced Diploma
 of Nursing (Enrolled/Division 2 Nursing) and commenced their
 TAFE studies in or after 2008. Hospital-trained enrolled nurses
 are not eligible for the accelerated course. Successful applicants
 are given advanced standing (eight subjects = 48 credit points)
 for their previous studies and are able to complete the course
 in two years full time with no pre-semester or summer schools.

As part of its duty of care to patients and clients receiving health care in NSW, anyone who works in a NSW public health facility must first undergo a criminal record check. You must provide UTS with either evidence that a criminal record check has been conducted on you in your country, or a statutory declaration that you have no criminal record in your country of residence or in any country you have resided in. Participation in screening and vaccination against infectious diseases are prerequisites for students undertaking clinical placements in health facilities. Further information is available from: www.nmh.uts.edu.au/students/current/clinical-practice/rules.html

Non-current school leavers are strongly advised to submit a personal statement directly to UTS by 30 November 2012. Further information is available from:

www.undergraduate.uts.edu.au/apply

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C

Eligibility for admission does not guarantee offer of a place.

Local students

The UTS Year 12 Bonus Scheme awards bonus points to Australian high school applicants based on performance in HSC subjects that are relevant to the course applied for. Further details are available at: www.undergraduate.uts.edu.au/bonuspoints

In addition, current school leaver applicants who have met UTS matriculation with an ATAR of at least 69.00 and have B Nursing Kuring-gai campus full time (606000) as a first preference may be eligible for bonus marks on the basis of an interview. Marks are allocated for motivation, HSC marks in English and science, leadership and community service. Eligible applicants are contacted by telephone in early January.

International students

Applicants to the standard three-year course who have successfully completed a recognised pathway program in Australia can also apply.

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances

Applications

Entry to the Bachelor of Nursing at City campus (606002) is very competitive; applicants are encouraged to also include a preference for the Bachelor of Nursing at Kuring-gai campus (606000).

The TAFE Certificate IV in Nursing (Enrolled Nurse) and work experience do not satisfy the University's English proficiency requirements.

Assumed knowledge

Any two units of English.

Any two units of science and any two units of mathematics are recommended.

Course duration and attendance

The Bachelor of Nursing is offered at Kuring-gai campus on a full-time basis over three years and a part-time basis over six years, and at City campus on a full-time basis over three years.

The Accelerated Program: Graduate Entry is offered at Kuring-gai campus on a full-time basis over two years and a part-time basis over four years including a pre-semester school in February at commencement and Summer session.

The Accelerated Program: Enrolled Nurse is offered at Kuring-gai campus on a full-time basis over two years and a part-time basis over four years including Summer session.

Course structure

The course comprises 144 credit points, made up of nursing theory, science and clinical practice in a range of health facilities. Full-time students study four subjects per semester and part-time students study two subjects per semester.

Industrial training/professional practice

This course includes extensive nursing practice, which is a compulsory component. Students undertake nursing professional experience in a variety healthcare and community settings. Clinical placements occur in blocks each semester and are in addition to time spent in the nursing clinical practice laboratories that simulate the clinical environment. The placements involve morning and evening shifts and in the final year some night duty may occur. The final year of the program has prolonged periods of clinical experience.

All nursing students must adhere to the requirements in the Ministry of Health policy directive, 'PD2011_005 Occupational Assessment, Screening and Vaccination Against Specified Infectious Diseases', prior to commencement of any clinical practice placements. The policy can be viewed at:

www.health.nsw.gov.au/policies/PD/2011/PD2011_005.html

The policy should be read in full as it outlines students' obligation for screening and immunisation against certain infectious diseases prior to commencing their clinical placement. Students are asked to provide evidence of their immunity or vaccination status, and screening for tuberculosis (TB) status may also be required prior to or at the time of commencement of the first clinical placement. Students should be aware that if they do not meet the requirements of the policy they cannot commence the placement and as a result are not able to complete the course.

6ср

6ср

6ср

6ср

6ср

6ср

6ср 6ср

6ср 6ср

6ср 6ср

6ср 6cp

6ср

6ср

6ср 6ср 6ср

6ср 6ср

6ср

6ср

6ср

6ср 6ср 6ср 6ср

6ср 6ср 6ср

Students are also required to undertake a National Criminal Record Check and obtain a National Police Certificate. Further information is available at:

www.health.nsw.gov.au/jobs/student_clearance/index.asp

Course completion requirements

Select one of the following:	144cp
STM90330 Standard entry (BN)	144cp
STM90331 Accelerated entry (BN)	144cp
•	Total 144cp

Course program

Programs are presented below for standard full-time and part-time attendance, as well as for the Accelerated, Enrolled Nurses and Accelerated, Graduate Entry programs.

Accelera	ted, Graduate Entry programs.			C!		
Standar	rd, full time			Spring s 92314	emester Assessment and Therapeutics in Health Ca	re 2
Year 1				92328	Workshops for Practice Readiness 2	
Autumn	semester			Year 3		
92313 92327 92326 92320	Assessment and Therapeutics in Health Car Workshops for Practice Readiness 1 Understanding the Person: Life Transitions Health and Society	re 1	6cp 6cp 6cp 6cp	Autumn 92315 92317	semester Nursing Care of the Older Person Contemporary Indigenous Health and Wellbeing	
Spring s 92314 92328 92324 91528	emester Assessment and Therapeutics in Health Car Workshops for Practice Readiness 2 Professional Identity Health and Homeostasis	re 2	6cp 6cp 6cp 6cp	Spring s 6 92319 92318 Year 4	emester Family and Children's Nursing Evidence for Nursing	
Year 2			···r	Autumn	semester	
	or Spring semester Fundamentals of Mental Health Nursing		6ср	92323 91529	Fundamentals of Mental Health Nursing Pathophysiology and Pharmacology 1	
92315 92322 92319	Nursing Care of the Older Person Medical Surgical Nursing Family and Children's Nursing		6cp 6cp 6cp	Spring s 6 92322 91530	emester Medical Surgical Nursing Pathophysiology and Pharmacology 2	
Autumn	semester			Year 5		
92317 91529	Contemporary Indigenous Health and Wellbeing Pathophysiology and Pharmacology 1		6ср 6ср	Autumn 92316 92329	semester Complex Nursing Care: Mental Health Accountability in Nursing Practice	
Spring s	emester				credit points of options	
92318 91530	Evidence for Nursing Pathophysiology and Pharmacology 2		6ср 6ср	Spring s 6 92325	1	
Year 3				Select 6 c	credit points from the following options:	
Autumn 92330 92316 92329 91527	semester Complex Nursing Care: Medical Surgical Complex Nursing Care: Mental Health Accountability in Nursing Practice Pathophysiology and Pharmacology 3		6cp 6cp 6cp 6cp	92332 92333 92334	Introduction to Specialty Practice: Community Health Nursing Introduction to Specialty Practice: Critical Care Nursing Introduction to Specialty Practice: Family	6с <u>г</u>
Spring s	emester			92335	and Child Health Nursing Introduction to Specialty Practice: Mental	6cp
92331 92312 92325	Integrated Nursing Concepts Integrated Nursing Practice Professionalism in Context		6cp 6cp	92336	Health Nursing Introduction to Specialty Practice:	6cp
			6cp	92337	Palliative Care	6cp
92332	credit points from the following options: Introduction to Specialty Practice: Community Health Nursing	6ср	6ср	92338	Introduction to Specialty Practice: Women's Health Introduction to Specialty Practice:	6cp
92333	Introduction to Specialty Practice: Critical			02220	Australian Indigenous Health Care	6cp
92334	Care Nursing Introduction to Specialty Practice: Family and Child Health Nursing	6ср 6ср		92339 92340	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice:	6cp
92335	Introduction to Specialty Practice: Mental Health Nursing	6ср		92341	Paediatric Nursing Introduction to Specialty Practice:	6cp
92336	Introduction to Specialty Practice: Palliative Care	6ср		Vos= !	Perioperative Nursing	6cp
92337	Introduction to Specialty Practice: Women's Health	6ср		Year 6	semester	
92338	Introduction to Specialty Practice: Australian Indigenous Health Care	6cp		91527	Pathophysiology and Pharmacology 3	

Standard, part time

Health and Society

Professional Identity

Health and Homeostasis

Understanding the Person: Life Transitions

Assessment and Therapeutics in Health Care 1

Workshops for Practice Readiness 1

Autumn semester

Spring semester

Autumn semester

Year 1

92326

92320

92324

91528

Year 2

92313

92327

92330

92331

92312

Spring semester

Integrated Nursing Concepts

Integrated Nursing Practice

Complex Nursing Care: Medical Surgical

6ср

6ср

6ср

6ср

6ср

6ср

6ср

6ср

Australian Indigenous Health Care Introduction to Specialty Practice: Aged

Care Nursing Introduction to Specialty Practice:

Paediatric Nursing Introduction to Specialty Practice:

Perioperative Nursing

92339

92340

92341

	ated, graduate entry, full time		Spring se	emester Integrated Nursing Practice	6	бер
Year 1			92331	Integrated Nursing Concepts		cp
Summer 91528		(Accelera	ated, enrolled nurse entry 1, full time		
91528	Health and Homeostasis Health Assessment and Nursing Therapeutics	6ср 6ср	Year 1	, , , , , , , , , , , , , , , , , , ,		
Autumn s	0 1	1	Summer	coccion		
92024	Medical Surgical Nursing (Graduate Entry)	6ср	91528	Health and Homeostasis	6	бср
91529	Pathophysiology and Pharmacology 1	6ср	Autumn		Ü	ч
92320 92326	Health and Society Understanding the Person: Life Transitions	6ср 6ср	92014	Role Transition and Professional Identity	6	бср
Spring se	_	оср	92322	Medical Surgical Nursing		cp
92015	Fundamentals of Mental Health Nursing		91529 92320	Pathophysiology and Pharmacology 1		cp
	(Graduate Entry)	6ср		Health and Society	0	cp
92016	Workshops for Practice Readiness (Graduate	6an	Spring se 92025	emester Fundamentals of Mental Health Nursing (Enro	ollod	
92318	Entry) Evidence for Nursing	6ср 6ср	92023	Nurse Entry 1)	_	бср
91530	Pathophysiology and Pharmacology 2	6cp	92318	Evidence for Nursing	6	cp
Year 2			92319 91530	Family and Children's Nursing Pathophysiology and Pharmacology 2		ср
Summer	session			r autophysiology and r narmacology 2	U	сP
92315	Nursing Care of the Older Person	6ср	Year 2			
92317	Contemporary Indigenous Health	_	Summer	session		
_	and Wellbeing	6ср		ct one of the following:		cp
Autumn			9231 9231		бср	
91527 92316	Pathophysiology and Pharmacology 3 Complex Nursing Care: Mental Health	6ср 6ср	9231		бср	
92329	Accountability in Nursing Practice	6ср	Autumn s	ŭ	1	
92330	Complex Nursing Care: Medical Surgical	6ср	91527	Pathophysiology and Pharmacology 3	6	бср
Spring se			92316	Complex Nursing Care: Mental Health	6	cp
92312	Integrated Nursing Practice	6cp	92329 92330	Accountability in Nursing Practice Complex Nursing Care: Medical Surgical		ср ср
92319 92331	Family and Children's Nursing Integrated Nursing Concepts	6ср 6ср			O	ч
92325	Professionalism in Context	6cp	Spring se 92312	Integrated Nursing Practice	6	бср
Accelera	ated, graduate entry, part time		92331	Integrated Nursing Concepts		cp
	accu, graduate chitry, part time		92325	Professionalism in Context	6	cp
Year 1				redit points from the following options:	6	cp
Summer 91528	Session Health and Homeostasis	6an	92332	Introduction to Specialty Practice: Community Health Nursing	бср	
92017	Health Assessment and Nursing Therapeutics	6ср 6ср	92333	Introduction to Specialty Practice: Critical	- P	
Autumn s		1	02224		бср	
92024	Medical Surgical Nursing (Graduate Entry)	6ср	92334	Introduction to Specialty Practice: Family and Child Health Nursing	бср	
91529	Pathophysiology and Pharmacology 1	6cp	92335	Introduction to Specialty Practice: Mental	-	
Spring se			92336	Health Nursing 6 Introduction to Specialty Practice:	бср	
92016	Workshops for Practice Readiness (Graduate	6 an	72000		бср	
92318	Entry) Evidence for Nursing	6ср 6ср	92337	Introduction to Specialty Practice:		
Year 2	Ü	1	92338	Women's Health Introduction to Specialty Practice:	бср	
	accion		72000	Australian Indigenous Health Care 6	бср	
Summer 92315	Nursing Care of the Older Person	6ср	92339	Introduction to Specialty Practice: Aged	·	
Autumn s	_	оср	92340	Care Nursing 6 Introduction to Specialty Practice:	бср	
92320	Health and Society	6ср		Paediatric Nursing 6	6ср	
92326	Understanding the Person: Life Transitions	6cp	92341	Introduction to Specialty Practice: Perioperative Nursing	acn	
Spring se					бср	
92015	Fundamentals of Mental Health Nursing		Accelera	ated, enrolled nurse entry 1, part time		
91530	(Graduate Entry) Pathophysiology and Pharmacology 2	6ср 6ср	Year 1			
	Tuttophysiology and Thurmacology 2	оср	Summer	session		
Year 3			91528	Health and Homeostasis	6	cp
Summer 92317			Autumn s	semester		
92317	Contemporary Indigenous Health and Wellbeing	6ср	92014	Role Transition and Professional Identity	_	cp
Autumn s	_	1	91529	Pathophysiology and Pharmacology 1	6	ср
92329	Accountability in Nursing Practice	6ср	Spring se 91530	Pathophysiology and Pharmacology 2	<i>(</i> -	icn
92330	Complex Nursing Care: Medical Surgical	6cp	92319	Family and Children's Nursing		cp cp
Spring se			Year 2	,		1
92319	Family and Children's Nursing	6cp		eassion		
92325	Professionalism in Context	6ср	Summer 92315	Nursing Care of the Older Person	6	ср
Year 4			Autumn s		0	· · · · ·
Autumn			92320	Health and Society	6	бср
91527 92316	Pathophysiology and Pharmacology 3	6cp	92322	Medical Surgical Nursing		cp
92310	Complex Nursing Care: Mental Health	6ср				

Spring se	emester			Acceler	ated, enrolled nurse entry 2, part time	
92025	Fundamentals of Mental Health Nursing (Enrolled Nurse Entry 1)		6ср	Year 1		
92318	Evidence for Nursing		6cp	Autumn 92014	semester	(
Year 3				91529	Role Transition and Professional Identity Pathophysiology and Pharmacology 1	6ср 6ср
Summer 92317	Contemporary Indigenous Health and Wellbeing		6ср	Spring s 6 91530 92317	emester Pathophysiology and Pharmacology 2 Contemporary Indigenous Health	6ср
Autumn s 92329 92330	semester Accountability in Nursing Practice Complex Nursing Care: Medical Surgical		6ср 6ср	Year 2	and Wellbeing	6ср
Spring se			6ср	92320	semester Health and Society	6ср
Select 6 c	redit points from the following options: 9 Choice	6ср	6ср	92322 Spring s		6ср
Year 4		1		92318 92319	Evidence for Nursing Family and Children's Nursing	6cp 6cp
Autumn	semester			Year 3		1
92316 91527	Complex Nursing Care: Mental Health Pathophysiology and Pharmacology 3		6ср 6ср		semester Accountability in Nursing Practice	6ср
Spring se 92312	emester Integrated Nursing Practice		6ср	92330	Complex Nursing Care: Medical Surgical	6ср
92331	Integrated Nursing Concepts		6cp	Spring s 92325	emester Professionalism in Context	6ср
Accelera	ated, enrolled nurse entry 2, full time				credit points from the following options:	6ср
Year 1					19 Choice	6ср
Autumn s 92014 92322 91529 92320	semester Role Transition and Professional Identity Medical Surgical Nursing Pathophysiology and Pharmacology 1 Health and Society		6cp 6cp 6cp 6cp	Year 4 Autumn 92316 91527	semester Complex Nursing Care: Mental Health Pathophysiology and Pharmacology 3	6cp 6cp
Spring se	,		оср	Spring so		(
92317	Contemporary Indigenous Health and Wellbeing		6ср	92312 92331	Integrated Nursing Practice Integrated Nursing Concepts	6ср 6ср
92318 92319 91530	Evidence for Nursing Family and Children's Nursing Pathophysiology and Pharmacology 2		6cp 6cp 6cp	Honou The Bach to eligible	rs lelor of Nursing (Honours) (C09018) (see page 11 e students with an additional year of full-time	1) is available study, or two
Year 2					part-time study.	<i>J</i> ,
	Semester		(Profes	sional recognition	
91527 92316 92329 92330	Pathophysiology and Pharmacology 3 Complex Nursing Care: Mental Health Accountability in Nursing Practice Complex Nursing Care: Medical Surgical		6cp 6cp 6cp 6cp	page 74)	and Midwifery Board of Australia. See the facu for more information.	lty rules (see
Spring se	1 0		оср		information nformation is available from the UTS Student	Contro on:
92312 92331 92325	Integrated Nursing Practice Integrated Nursing Concepts Professionalism in Context		6ср 6ср 6ср	telephon	normation is available from the 0.13 Student le 1300 ask UTS (1300 275 887) 9514 1222	Centre on.
	redit points from the following options:		6ср	Ask UTS	www.ask.uts.edu.au	
92332	Introduction to Specialty Practice: Community Health Nursing	6ср	-	www.nn	nh.uts.edu.au	
92333	Introduction to Specialty Practice: Critical Care Nursing	6ср				
92334	Introduction to Specialty Practice: Family and Child Health Nursing	6ср				
92335	Introduction to Specialty Practice: Mental Health Nursing	6ср				
92336	Introduction to Specialty Practice: Palliative Care	6ср				
92337	Introduction to Specialty Practice: Women's Health	6ср				
92338	Introduction to Specialty Practice: Australian Indigenous Health Care	-				
92339	Introduction to Specialty Practice: Aged	6cp				
92340	Care Nursing Introduction to Specialty Practice:	6cp				
92341	Paediatric Nursing Introduction to Specialty Practice:	6cp				
	Perioperative Nursing	6ср				

C10123v6 Bachelor of Nursing Bachelor of Arts in International Studies

Award(s): Bachelor of Nursing (BN) Bachelor of Arts in International Studies (BA)

UAC code: 609150 CRICOS code: 026198M

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Note(s)

Students admitted to the Bachelor of Nursing Bachelor of Arts in International Studies before 2010 should refer to the course description in the 2009 handbook.

Overview

The Bachelor of Nursing Bachelor of Arts in International Studies combines preparation for the role of the registered nurse with immersion in another language and culture, enhancing professional education and career options.

The course offers all the benefits of the UTS Bachelor of Nursing, including clinical placements every semester, use of state-of-the-art facilities, selection of a clinical elective in the final year and development of an e-portfolio. In addition, students gain specific skills in their chosen language and culture and become more aware of the need for intercultural sensitivities, not only through studying another language and culture, but also by living in another country in the fourth year of the course.

Career options

Career options for registered nurses include working in diverse specialty areas such as community health, critical care, intensive care, aged care, mental health, operating theatres and paediatrics. Career progression opportunities include working as a clinical nurse consultant, clinical nurse specialist, nurse educator, nurse manager, nurse practitioner or rural and remote practice nurse. Career options are enhanced by international experience, making students more marketable to prospective employers.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Admission to the combined degree is on merit according to the admissions policy for the Bachelor of Nursing (C10122) (see page 173).

There is a range of entry levels to the various language and culture programs. Students are admitted to the international studies program with no guarantee of entry to a specific major, although every effort is made to meet students' preferences.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Any two units of English (nursing component). There are no prior language requirements (international studies component).

Any two units of science and any two units of mathematics are recommended (nursing component).

External articulation

UTS offers an accelerated Bachelor of Nursing program to students who have completed the TAFE Certificate IV in Enrolled Nursing, and to students who have completed a degree in another discipline within the past seven years. Enrolled nurses receive 36 credit points of exemption and graduates receive 30 credit points of exemption. Applicants must have completed their qualification by December of the previous year to be eligible for the accelerated program. Spaces are limited in these accelerated programs and offers are based on competition.

Course duration and attendance

The course duration is five years of full-time study. Students spend two semesters of study at a university or other higher education institution in the country of their major.

Course structure

Students are required to complete 240 credit points of study comprising 144 credit points in nursing and 96 credit points in international studies. The Bachelor of Arts in International Studies requires undergraduates to study a region or country major over a minimum of three years.

Overseas study

Students spend their fourth year of study at a university overseas.

Industrial training/professional practice

The Bachelor of Nursing includes extensive clinical practice, which is a compulsory component of the course, commencing in the first semester. Students may be required to complete clinical practice during the semester break period.

Course completion requirements

CBK90005 Country major choice	96ср
Select one of the following:	144cp
STM90330 Standard entry (BN)	144cp
STM90331 Accelerated entry (BN)	144cp
·	Total 240cp

Course program

The example programs shown are for a standard-entry student who has chosen Germany as the International Studies major; and for an accelerated program graduate-entry student who has chosen Spain as the International Studies major. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major.

Accessment and Thorangutics in Health Care 1

Standard, full time

Year 1

92313

92318

Autumn semester

92327 92326 92320	Workshops for Practice Readiness 1 Understanding the Person: Life Transitions Health and Society	6cp 6cp 6cp
Spring ser	nester	
92314 92324 91528 92328	Assessment and Therapeutics in Health Care 2 Professional Identity Health and Homeostasis Workshops for Practice Readiness 2	6cp 6cp 6cp 6cp
Year 2		
Autumn se	emester	
92315 92317	Nursing Care of the Older Person Contemporary Indigenous Health	6ср
	and Wellbeing	6ср
97601	German Language and Culture 1	8cp
976001	Foundations in International Studies	8cp
Spring ser	nester	
97602	German Language and Culture 2	8ср
92319	Family and Children's Nursing	6ср

6ср

Evidence for Nursing

Year 3

Autumn se 92323 91529 97603	emester Fundamentals of Mental Health Nursing Pathophysiology and Pharmacology 1 German Language and Culture 3		6ср 6ср 8ср
Spring ser 97604 976421 92322 91530	0 0		8cp 8cp 6cp 6cp
Year 4			
Autumn oi 977420 978420	r Spring semester In-country Study 1: Germany In-country Study 2: Germany		24cp 24cp
Year 5			
Autumn se 92330 92316 92329 91527	Complex Nursing Care: Medical Surgical Complex Nursing Care: Mental Health Accountability in Nursing Practice Pathophysiology and Pharmacology 3		6cp 6cp 6cp 6cp
Spring ser 92331 92312 92325	nester Integrated Nursing Concepts Integrated Nursing Practice Professionalism in Context		6ср 6ср 6ср
Select 6 credit points from the following options: 92332 Introduction to Specialty Practice:			
92333	Community Health Nursing Introduction to Specialty Practice: Critical	6cp	
92334	Care Nursing Introduction to Specialty Practice: Family and Child Health Nursing	6ср 6ср	
92335	Introduction to Specialty Practice: Mental Health Nursing	6ср	
92336	Introduction to Specialty Practice: Palliative Care	6ср	
92337	Introduction to Specialty Practice: Women's Health	6ср	
92338 92339	Introduction to Specialty Practice: Australian Indigenous Health Care Introduction to Specialty Practice: A god	6ср	
92339	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice:	6ср	
72340	Paediatric Nursing	6ср	

Honours

92341

The Bachelor of Nursing (Honours) (C09018) (see page 111) is available to eligible students with an additional year of full-time study or two years of part-time study.

Introduction to Specialty Practice:

Perioperative Nursing

Professional recognition

Select 6 credit points of options

Nursing and Midwifery Board of Australia. See the faculty rules (see page 74) for more information.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

or +61 2 9514 5021

email nmh@uts.edu.au

Ask UTS www.ask.uts.edu.au

www.nmh.uts.edu.au

www.internationalstudies.uts.edu.au

C10124v6 Bachelor of Laws

Award(s): Bachelor of Laws (LLB) UAC code: 604000 (FT), 604001 (PT)

CRICOS code: 013614G

Commonwealth-supported place?: Yes

Load credit points: 192 Course EFTSL: 4 Location: City campus

Overview

This course teaches students foundational knowledge and skills in law and its practice. UTS: Law graduates are increasingly in demand in the legal profession and the business sector in a wide range of roles and responsibilities. Today's law graduates are called upon to advise and counsel parties, act as negotiators, manage project teams and resolve disputes.

The program provides full or part-time study for students wishing to obtain a professional legal qualification that satisfies the requirements for admission as a lawyer.

Students have the opportunity to engage in deeper study in the law through undertaking a number of law options and incorporate a broad variety of other disciplines by enrolling in options from other faculties.

Career options

Career options include lawyer or legal policy adviser within a government or corporate department, private law firm or community law centre, or negotiating treaties or work in legislation drafting with the Attorney-General's Department.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Any two units of English.

Credit recognition

Students who have already completed a degree in another discipline may apply for exemption from 48 credit points of general law electives. Details about applying for credit recognition can be found in undergraduate course information (see page 96).

Course duration and attendance

The course duration is four years of full-time or six-and-a-half years of part-time study. Full-time students have approximately 10–14.5 contact hours per week and part-time students have approximately 7–9.5 contact hours per week. Timetable constraints may require attendance at both day and evening classes.

Course structure

The course comprises a total of 192 credit points. The study components for course completion are:

- 102 credit points of compulsory core law subjects
- 42 credit points of law options, and
- 48 credit points of general electives that include subjects offered by other faculties of the University (for students who have not received exemption on the basis of a recognised prior degree), or
- either 18 credit points of practical legal training (PLT) subjects and an additional 30 credit points of law options.

Refer to the course entry in the *UTS: Handbook 2007* for the pre-2008 course structure. For a current listing of subjects in each course, refer to the study package directory.

6ср

6ср

Industrial training/professional practice

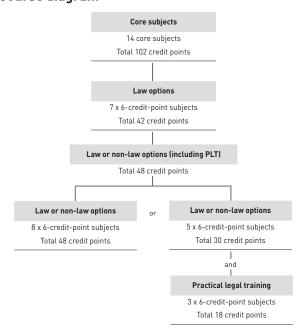
To practise as a lawyer in NSW, students need to successfully complete an accredited legal qualification (e.g. Bachelor of Laws) and an accredited course of practical legal training (PLT), which UTS offers through its PLT program.

Students enrolled in the Bachelor of Laws have the option of completing the PLT program within their undergraduate law degree. Alternatively, students who wish to practise as lawyers in NSW can complete their Bachelor of Laws by including further law electives and then undertake a postgraduate course in PLT, such as the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

Course completion requirements

STM90688 Core subjects	102cp
CBK90383 Options	42cp
CBK90391 Options	48cp
•	Total 192cp

Course diagram



Course program

The two programs below show the standard programs of study for a full-time student and a part-time student.

The 90 credit points of optional subjects are made up of:

- 42 credit points of law options from CBK90383, and
- 48 credit points of general UTS electives from CBK90300, or 30 credit points of general UTS electives from CBK90390 and 18 credit points of PLT subjects from STM90792.

Full time

Year 1

Autumn semester				
70115	Perspectives on Law	8ср		
70120	Legal Method and Research	6ср		
70211	Contracts	8cp		
Spring sen	nester			
70218	Criminal Law	8ср		
70311	Torts	8cp		
70317	Real Property	8cp		
Year 2				
Autumn semester				
70616	Australian Constitutional Law	8cp		
70517	Equity and Trusts	8cp		
70417	Corporate Law	8cp		
Spring semester				
70327	Commercial Law	6ср		
70617	Administrative Law	8cp		

Evidence and Criminal Procedure

Select 6 credit points of electives

Year 3

Autumn semester

Autumn Se	emester	
Select 24 c	redit points of options	24cp
Spring ser	nester	
Select 24 c	redit points of options	24cp
Year 4		
Autumn se	emester	
75421 75420	Civil Litigation Ethics and Professional Conduct	6cp
	redit points of options	6ср 12ср
Spring ser	•	1200
75411	Practical Experience	0ср
75422	Transactional Practice	6cp
75424 75423	Legal and Professional Skills Litigation and Estate Practice	6ср 6ср
	edit points of options	6cp
Part time	•	1
Year 1		
	omostor	
Autumn se 70115	Perspectives on Law	8ср
70120	Legal Method and Research	6cp
Spring ser	nester	
70311 70218	Torts Criminal Law	8cp 8cp
Year 2	Cililina Law	оср
Autumn se	emester	
70211	Contracts	8ср
70616	Australian Constitutional Law	8cp
Spring ser		
70327 70317	Commercial Law Real Property	6ср 8ср
Year 3	- Communication of the Communi	r
Autumn se	emester	
70417	Corporate Law	8ср
70517	Equity and Trusts	8cp
Spring ser		9
70617 70717	Administrative Law Evidence and Criminal Procedure	8ср 6ср
Year 4		
Autumn se	emester	
Select 18 c	redit points of options	18cp
Spring ser		1
Select 18 c	redit points of options	18cp
Year 5		1
Autumn se	emester	
Select 12 c	redit points of options	12cp
Spring ser	1 1	-1
	redit points of options	18cp
Year 6	r	1
Autumn se	emester	
75421	Civil Litigation	6ср
75420	Ethics and Professional Conduct	6ср
Spring ser		(
75424 75422	Legal and Professional Skills Transactional Practice	6ср 6ср
Year 7		1
Autumn se	emester	
75411	Practical Experience	0ср
75423	Litigation and Estate Practice	6ср
Select 6 cre	edit points of options	6ср

70717

6ср

6ср

Levels of award

The Bachelor of Laws may be awarded with first or second class honours, which does not require an additional honours year. Honours candidates must complete the research thesis within the law option component. The rules concerning the Bachelor of Laws with honours can be found in undergraduate course information (see page 97).

Professional recognition

This course satisfies the academic requirements for admission to the Supreme Court of NSW as a lawyer. Students wishing to obtain full recognition as graduate lawyers have the option of completing the PLT program, also offered by UTS: Law.

Other information

Further information is available from: UTS Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10125v8 Bachelor of Business Bachelor of Laws

Award(s): Bachelor of Business (BBus) Bachelor of Laws (LLB) UAC code: 609010 CRICOS code: 008756B Commonwealth-supported place?: Yes Load credit points: 240 Course EFTSL: 5 Location: City campus

Overview

This combined program is offered jointly by UTS: Law and UTS: Business. One of the most popular combined degrees offered by UTS: Law, the Bachelor of Business Bachelor of Laws combines foundational understanding of law and important aspects of business with a wide choice of business majors and sub-majors, with real-world experience to make students work-ready upon graduation.

The program provides full-time study for students wishing to obtain a professional legal qualification that satisfies the academic requirements only for admission as a lawyer.

The degree seeks to provide students with the knowledge, competencies and values necessary to develop critical, analytical and evaluative skills essential for a dynamic and rewarding career in business and law.

Career options

Career options include legal adviser within a government department, lawyer in corporate and commercial sector, mergers and acquisitions, property, and intellectual property, as well as management consultant or professional in the chosen business specialisation (such as an accountant or marketing executive).

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Proficiency in English and mathematics.

Course duration and attendance

The course duration is five years of full-time study. The law component requires attendance of 10-15 hours of lectures a week and timetable constraints may require attendance at both daytime and evening classes.

Course structure

The course comprises a total of 240 credit points, allowing students to graduate with the separate degrees of Bachelor of Business and Bachelor of Laws. The study components for course completion are as follows.

The law component of 144 credit points is made up of:

- 102 credit points of compulsory core law subjects, and
- 42 credit points of law options.

The business component of 96 credit points comprises:

- 48 credit points of core business subjects, and
- 48 credit points of subjects within a business major.

Refer to the course entry in the *UTS: Handbook 2007* for the pre-2008 course structure. For a current listing of subjects in each course refer to the study package directory.

Industrial training/professional practice

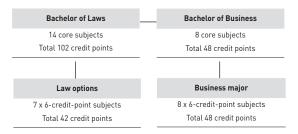
To practise as a lawyer in NSW, students need to successfully complete an accredited legal academic qualification (e.g. Bachelor of Laws) and an accredited course of practical legal training (PLT), which UTS offers through its PLT program.

Students enrolled in this course may complete their practical legal training by undertaking a postgraduate course in PLT, such as the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

Course completion requirements

STM90273 Core subjects (Business)	48cp
STM90691 Law stream	144cp
CBK90169 Major choice (Business)	48cp
	Total 240cp

Course diagram



Course program

The standard program shown is for a full-time student who has chosen the Human Resources Management major in the Bachelor of Business and law options.

All options shown are law options and are to be drawn from those on offer in CBK90383.

Year 1

Autumn semester

21129	Managing People and Organisations	6ср
22107	Accounting for Business Decisions A	6ср
23115	Economics for Business	6ср
26100	Integrating Business Perspectives	6ср
Spring s	emester	
24108	Marketing Foundations	6ср
70115	Perspectives on Law	8cp
70120	Legal Method and Research	6cp
Year 2		
Autumn	or Spring semester	
22207	Accounting for Business Decisions B	6cp

Autumn semest

Autuiiii	i SeilleStei	
26134	Business Statistics	6ср
70311	Torts	8cp
70218	Criminal Law	8cp

Spring ser 70211 70616 25300	nester Contracts Australian Constitutional Law Fundamentals of Business Finance	8cp 8cp 6cp
Year 3		
Autumn se	emester	
70317	Real Property	8cp
70327 21555	Commercial Law Human Resource Management	6ср 6ср
21510	The Global Context of Management	6cp
Spring ser	nester	
70517	Equity and Trusts	8cp
21440 70417	Management Skills Corporate Law	6ср 8ср
	Corporate Law	оср
Year 4		
Autumn se		(
21036 70617	Managing Strategic Performance Administrative Law	6ср 8ср
70717	Evidence and Criminal Procedure	6cp
21037	Managing Employee Relations	6ср
Spring ser		
21407 21512	Strategic Human Resource Management	6ср
21312	Understanding Organisations: Theory and Practice	6ср
Select 12 c	redit points of options	12cp
Year 5		
Autumn se	emester	
21505	Human Resource Management (Capstone)	6ср
75420 75421	Ethics and Professional Conduct	6cp
	Civil Litigation	6cp
	edit points of options	6ср
Spring ser	nester	

Levels of award

The Bachelor of Laws may be awarded with first or second class honours, which does not require an additional honours year. Honours candidates must complete the research thesis within the law option component. The rules concerning the Bachelor of Laws with honours can be found in undergraduate course information (see page 96).

Professional recognition

Select 24 credit points of options

This course satisfies the requirements for admission to the Supreme Court of NSW as a lawyer, provided students complete a practical legal training program, such as the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10126v6 Bachelor of Science Bachelor of Laws

Award(s): Bachelor of Science in (name of Science major) (BSc) Bachelor

of Laws (LLB)
UAC code: 609060

CRICOS code: 009473E

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Overview

The Bachelor of Science Bachelor of Laws is offered jointly by UTS: Law and UTS: Science. The law is of special importance in many areas of science, including research, industrial and commercial enterprise. The program provides full-time study for students wishing to obtain a professional legal qualification that satisfies the academic requirements only for admission as a lawyer together with a science specialisation.

The course addresses the increasing need for scientific expertise among lawyers. Graduates develop critical and analytical skills necessary when making decisions as they understand the complex links between science and law, increasing their employment prospects and career opportunities in both fields.

Career options

Career options include lawyers in areas where strong scientific backgrounds are valued, such as conservation and resource management, climate change advisory roles, defence technologies, environmental pollution regulations, finance, human health, industrial and occupational health and safety, pharmaceutical and biotechnological R&D and scientific patents.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

24cp

English proficiency; Mathematics; and Science.

Course duration and attendance

The course duration is five years of full-time study. For students who undertake the Bachelor of Science (Honours) the course duration is six years of full-time study.

The law component requires attendance at 10-15 hours of lectures a week and timetable constraints may require attendance at daytime and evening classes. The science component requires attendance of approximately 10 hours a week at the University.

Course structure

The course comprises a total of 240 credit points and allows students to graduate with the separate degrees of Bachelor of Science (BSc) and Bachelor of Laws (LLB). The study components for course completion are as follows.

The law component of 144 credit points is made up of:

- 102 credit points of compulsory core law subjects, and
- 42 credit points of law options.

The science component comprises 96 credit points of core science subjects taken from one of 10 specified majors representing different science disciplines.

Students graduate from the BSc independently from the LLB. However, to be eligible for graduation from the BSc students must complete one of the 96-credit-point UTS: Science majors plus at least 96 credit points of Bachelor of Law subjects.

Graduation from the science component of the combined degree is not possible prior to completion of all components of the combined degree. Students wishing to graduate with a Bachelor of Science prior to completion of the law component of the combined degree must apply for transfer to the Bachelor of Science (C10242) (see page 241) single degree program where they must complete all requirements for the stand-alone single degree version.

Similarly, a student can graduate from the law component of the combined degree prior to completion of the science component, but if they wish to continue with the science component, they must apply for transfer to the Bachelor of Science (C10242) (see page 241) single degree program where they need to complete all requirements for the stand-alone single degree version.

Industrial training/professional practice

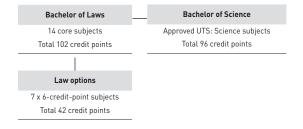
To practise as a lawyer in NSW, students need to successfully complete an accredited legal academic qualification (e.g. Bachelor of Laws) and an accredited course of practical legal training (PLT), which UTS offers through its PLT program.

Students enrolled in this course may complete their practical legal training by undertaking a postgraduate course in PLT, such as the Graduate Certificate in Professional Legal Practice (C11232) (see

Course completion requirements

STM90691 Law stream	144cp
CBK90585 Major choice (Science)	96cp
	Total 240cp

Course diagram



Course program

The program shown is for a full-time student who has chosen one of the science majors and law options.

All options shown are law options and are to be drawn from those on offer in CBK90383.

List of majors

List of filajors	
MAJ01079 Applied Chemistry	96ср
MAJ01080 Applied Physics	96cp
MAJ01085 Nanotechnology	96cp
MAJ01081 Biomedical Science	96cp
MAJ01114 Medical Science	96cp
MAJ01115 Biotechnology	96cp
MAJ01082 Environmental Biology	96cp
MAJ01113 Environmental Forensics	96cp
MAJ01112 Marine Biology	96cp
MAI01116 Mathematics	96cp

Applied Chemistry major

Year 1

Autumn semester 70115 Perspectives on Law

70120 33190 65111	Legal Method and Research Mathematical Modelling for Science Chemistry 1	6cp 6cp 6cp
Spring ser	nester	
70311	Torts	8cp
70218	Criminal Law	8cp
33290	Statistics and Mathematics for Science	6ср
65212	Chemistry 2	6ср
Year 2		
Autumn se	emester	
70211	Contracts	8cp

70616 68101	Australian Constitutional Law Foundations of Physics	8cp 6cp
Spring	semester	
70317	Real Property	8cp
70327	Commercial Law	6ср
68201	Physics in Action	6ср
65411	Inorganic Chemistry 1	6cp

Year 3		
Autumn	semester	
70417	Corporate Law	8ср
70517	Equity and Trusts	8cp
65202	Organic Chemistry 1	6ср
Spring se	mester	
70617	Administrative Law	8cp
65306	Analytical Chemistry 1	6ср
65508	Organic Chemistry 2	6ср
Select 6 c	redit points of options	6ср
Year 4		
Autumn	semester	
65307	Physical Chemistry 1	6ср
65409	Analytical Chemistry 2	6cp
Select 6 c	redit points of options	6ср
Spring se	•	1
70717	Evidence and Criminal Procedure	6ср
65606	Analytical Chemistry 3	6cp
65607	Physical Chemistry 2	6cp
Select 6 c	redit points of options	6ср
Year 5		-
Autumn		
75421 75420	Civil Litigation Ethics and Professional Conduct	6cp
65410	Chemical Safety and Legislation	6cp 6cp
65509	Inorganic Chemistry 2	6cp
Spring se	mester	
	credit points of options	24cp
		Zicp
	Physics major	
Year 1		
Autumn	semester	
70115	Perspectives on Law	8cp
70120 33190	Legal Method and Research Mathematical Modelling for Science	6cp
65111	Chemistry 1	6cp 6cp
Spring se	· ·	1
70311	Torts	8ср
70218	Criminal Law	8cp
33290	Statistics and Mathematics for Science	6cp
65212	Chemistry 2	6ср
Year 2		
Autumn	semester	
70211	Contracts	8ср
70616	Australian Constitutional Law	8cp
68101	Foundations of Physics	6ср
Spring se		
70317	Real Property	8cp
70327 68201	Commercial Law Physics in Action	6cp 6cp
68070	Introduction to Materials	6cp
Year 3		•
Autumn	semester	
,		
70417	Corporate Law	8cp
70417 70517	Corporate Law Equity and Trusts	8cp 8cp
70517	Equity and Trusts Mathematics for Physical Science	8cp
70517 33360 Spring se 70617	Equity and Trusts Mathematics for Physical Science mester Administrative Law	8cp
70517 33360 Spring se 70617 68315	Equity and Trusts Mathematics for Physical Science emester Administrative Law Imaging Science	8cp 6cp 8cp 6cp
70517 33360 Spring se 70617 68315 68413	Equity and Trusts Mathematics for Physical Science mester Administrative Law Imaging Science Quantum Physics	8cp 6cp 8cp 6cp 6cp
70517 33360 Spring se 70617 68315 68413	Equity and Trusts Mathematics for Physical Science emester Administrative Law Imaging Science	8cp 6cp 8cp 6cp
70517 33360 Spring se 70617 68315 68413	Equity and Trusts Mathematics for Physical Science mester Administrative Law Imaging Science Quantum Physics	8cp 6cp 8cp 6cp
70517 33360 Spring se 70617 68315 68413 Select 6 c Year 4 Autumn s	Equity and Trusts Mathematics for Physical Science emester Administrative Law Imaging Science Quantum Physics redit points of options	8cp 6cp 8cp 6cp 6cp
70517 33360 Spring se 70617 68315 68413 Select 6 ct Year 4	Equity and Trusts Mathematics for Physical Science emester Administrative Law Imaging Science Quantum Physics redit points of options	8cp 6cp 8cp 6cp

Select 6 credit points of options

6ср

8cp

Spring se	emester		Year 5			
70717	Evidence and Criminal Procedure	6ср	Autumn semester			
Soloct two	o subjects from the following:	•	75421 Civil Litigation			6cn
68320	Scanning Probe and Electron Microscopy	12ср 6ср		essional Conduct		6ср 6ср
68414	Advanced Mechanics	6ср 6ср				
68415	Measurement and Analysis of Physical Processes		Select two subjects from th	Č .		12cp
68513	Optics and Nanophotonics	6ср	91335 Molecular Biolo			6ср
	•		91338 Clinical Bacterio			6cp
Select 6 c	redit points of options	6ср		agnostic Biochemistry		6cp
Year 5			91358 Advanced Haei 91359 Advanced Imm			6ср 6ср
Autumn s	semester		Spring semester			1
75421	Civil Litigation	6ср	Spirity semester			
75420	Ethics and Professional Conduct	6ср	Select 24 credit points of or	otions		24cp
68606	Solid-state Science and Nanodevices	6ср	B:			
Solo	ct one of the following:		Biotechnology major			
6831		6ср	Year 1			
6841			A			
	1 7 1		Autumn semester	-		
Spring se	emester		70115 Perspectives on			8cp
Select 24	credit points of options	24cp	70120 Legal Method a			6ср
	•	-1	91161 Cell Biology and 65111 Chemistry 1	a Genetics		6ср 6ср
Біотеа	cal Science major					1
Year 1			Spring semester			0
Autumn	comostor		70311 Torts			8cp
	semester	0	70218 Criminal Law	arr and Dhysiology		8cp
70115	Perspectives on Law	8cp		ny and Physiology		6cp
70120	Legal Method and Research	6cp	65212 Chemistry 2			6ср
91161 65111	Chemistry 1	6cp	Year 2			
	Chemistry 1	6ср	Autumn semester			
Spring se	emester		70211 Contracts			0 010
70311	Torts	8cp	70616 Australian Con	etitutional Law		8cp
70218	Criminal Law	8ср	91314 General Microb			8ср 6ср
91400	Human Anatomy and Physiology	6ср		Ююду		оср
65212	Chemistry 2	6ср	Spring semester			
Year 2			70317 Real Property			8cp
A k			70327 Commercial La			6cp
Autumn		0		and Public Health Microbiolog		6cp
70211	Contracts	8cp	91401 Introductory H	aematology and Immunology	/	6ср
70616 91314	Australian Constitutional Law	8cp	Year 3			
71314	General Microbiology	6ср	Autumn semester			
Spring se	emester					0
70317	Real Property	8ср	70417 Corporate Law	ata		8cp
70327	Commercial Law	6ср	70517 Equity and Trus 91320 Metabolic Bioch			8cp
91330	Epidemiology and Public Health Microbiology	6ср		ichiisti y		6ср
91401	Introductory Haematology and Immunology	6ср	Spring semester			
Year 3			70617 Administrative			8ср
_			91132 Molecular Biolo			6ср
Autumn			91326 Analytical Bioch	nemistry		6ср
70417	Corporate Law	8cp	Select 6 credit points of opt	ions		6ср
70517	Equity and Trusts	8cp				1
91320	Metabolic Biochemistry	6ср	Year 4			
Spring se	emester		Autumn semester			
70617	Administrative Law	8cp	91142 Biotechnology			6ср
91132	Molecular Biology 1	6ср	Select 12 credit points of or	ations		_
91326	Analytical Biochemistry	6ср	1 1	700115		12cp
Select 6 c	redit points of options	6ср	Spring semester			
ocicer o c	realt points of options	ocp		Criminal Procedure		6ср
Year 4			91368 Bioreactors and			6ср
Autumn s	semester		91144 Plant Biotechno	logy		6ср
91500	Histology	6ср	Select one of the follow	ving:		6ср
	6,7	•	91129 Transfusion		6ср	1
	et one of the following:	6ср	91352 Parasitolog	<i>5</i> У	6ср	
9170 9114	J _ U J			try, Genes and Disease	6ср	
7114	2 Biotechnology 6cp	,	91402 Anatomica	ıl Pathology	6ср	
Select 6 c	redit points of options	6ср	Year 5			
Spring se	emester		_			
70717	Evidence and Criminal Procedure	6ср	Autumn semester			
		_	75421 Civil Litigation	. 10 1 .		6cp
	o subjects from the following:	12cp		essional Conduct		6ср
91129	Transfusion Science	6cp	91369 Biobusiness and	d Environmental Biotechnolog	ЗУ	6ср
91352	Parasitology	6cp	Select one of the follow	ving:		6ср
91345 91402	Biochemistry, Genes and Disease	6cp		Immunology	6ср	-1
	Anatomical Pathology	6ср	91335 Molecular		6cp	
Select 6 c	redit points of options	6ср	Spring semester	==	1	
			. •	ations		24
			Select 24 credit points of op	HOUS		24cp

Environi	mental Biology major			Spring se	emester		
Year 1	······································			70311	Torts		8cp
Autumn s	omester			70218 91123	Criminal Law Biocomplexity		8cp
70115	Perspectives on Law		8ср	65212	Chemistry 2		6ср 6ср
70120	Legal Method and Research		6ср	Year 2	,		1
91107	The Biosphere		6ср		comester		
65111	Chemistry 1		6ср	70211	semester Contracts		8ср
Spring se 70311	mester Torts		8 cm	70616	Australian Constitutional Law		8cp
70218	Criminal Law		8ср 8ср	91154	Ecology		6cp
91123	Biocomplexity		6ср	Spring se			
65212	Chemistry 2		6ср	70317 70327	Real Property Commercial Law		8cp
Year 2				91159	Environmental Forensics		6ср 6ср
Autumn s				65621	Environmental Chemistry		6cp
70211 70616	Contracts Australian Constitutional Law		8ср 8ср	Year 3			
91154	Ecology		6ср	Autumn	semester		
Spring se	mester		1	70417	Corporate Law		8cp
70317	Real Property		8ср	70517 91110	Equity and Trusts Experimental Design and Sampling		8ср 6ср
70327 91363	Commercial Law		6cp				оср
91363	Animal Behaviour and Physiology Plant Physiology and Ecophysiology		6ср 6ср	Spring se 70617	Administrative Law		8ср
Year 3	, , , , , , , , , , , , , , , , , , ,		1	91145	Environmental Protection and Management		6ср
Autumns	amastar			Sele	ct one of the following:		6ср
70417	Corporate Law		8ср	9137	0)	6ср	
70517	Equity and Trusts		8cp	9137 6524		6ср 6ср	
91110	Experimental Design and Sampling		6ср	9116		6cp	
Spring se			_	Select 6 c	redit points of options		6ср
70617 91145	Administrative Law Environmental Protection and Management		8ср 6ср	Year 4			
			•	Autumn	semester		
9137	rt one of the following: 0 Semi-arid Ecology	6ср	6ср	91161	Cell Biology and Genetics		6ср
9137	1 Forest and Mountain Ecology	6ср		33116	Statistical Design and Analysis		6ср
9116	1 07	6ср	(91309	Biodiversity Conservation		6cp
	redit points of options		6ср	Spring se	redit points of options		6ср
Year 4				70717	Evidence and Criminal Procedure		6ср
Autumn s 91161			6an	79023	Environmental Forensic Law		6cp
33116	Cell Biology and Genetics Statistical Design and Analysis		6ср 6ср	Select 6 c	redit points from the following options:		6ср
Select 6 ca	redit points of options		6ср	91155 91370	Stream and Lake Assessment Semi-arid Ecology		6cp
Spring se			1	91371	Forest and Mountain Ecology		6ср 6ср
70717	Evidence and Criminal Procedure		6ср	91163	Alpine and Lowland Ecology		6ср
Select two	subjects from the following:		12cp	Select 6 c	redit points of options		6ср
91155	Stream and Lake Assessment		6ср	Year 5			
91370 91371	Semi-arid Ecology Forest and Mountain Ecology		6ср 6ср	Autumn	semester		
91163	Alpine and Lowland Ecology		6ср	75421	Civil Litigation		6ср
Select 6 ca	redit points of options		6ср	75420	Ethics and Professional Conduct		6cp
Year 5	-		-	91121 79004	Aquatic Ecology Environmental Law and Science		6ср 6ср
Autumn	emester			Spring se	emester		1
75421	Civil Litigation		6ср		credit points of options		24ср
75420	Ethics and Professional Conduct		6ср				24cp
91309	Biodiversity Conservation		6ср	Marine	Biology major		
Selec 9112	t one of the following: Aquatic Ecology	6ср	6ср	Year 1			
91110		6ср		Autumn	semester		
Spring se	mester	•		70115 70120	Perspectives on Law		8cp
	credit points of options		24cp	91107	Legal Method and Research The Biosphere		6ср 6ср
	mental Forensics major		-1	65111	Chemistry 1		6cp
Year 1	nemaci orensies major			Spring se 70311	emester Torts		8an
	amastar			70311	Criminal Law		8ср 8ср
Autumn s 70115	Perspectives on Law		8ср	91123	Biocomplexity		6ср
70120	Legal Method and Research		6ср	65212	Chemistry 2		6ср
91107	The Biosphere		6ср				
65111	Chemistry 1		6ср				

A		Spring semester	
Autumn semester		70417 Corporate Law	8cp
70211 Contracts	8cp	35231 Differential Equations 35353 Regression Analysis	6cp
70616 Australian Constitutional Law	8cp	0 ,	6ср
91154 Ecology	6ср	Select one subject from the following: 35335 Mathematical Methods	6ср 6ср
Spring semester		35340 Quantitative Management Practice	6ср 6ср
70317 Real Property	8cp	35342 Nonlinear Methods in Quantitative	ocp
70327 Commercial Law 91157 Marine Communities	6cp	Management	6ср
91270 Plant Physiology and Ecophysiology	6ср 6ср	35344 Network and Combinatorial Optimisation	6cp
7 67 1 7 67	···r	35355 Quality Control 35391 Seminar (Mathematics)	6ср 6ср
Year 3		35393 Seminar (Statistics)	6ср
Autumn semester		Year 4	1
70417 Corporate Law 70517 Equity and Trusts	8cp		
70517 Equity and Trusts 91110 Experimental Design and Sampling	8ср 6ср	Autumn semester	0
	···r	70617 Administrative Law 35232 Advanced Calculus	8ср 6ср
Spring semester 70617 Administrative Law	8ср		
91145 Environmental Protection and Managemen		Select one subject from the following: 35252 Mathematical Statistics	6ср 6ср
91126 Coral Reef Ecosystems	6cp	35356 Design and Analysis of Experiments	6ср
Select 12 credit points of options	12cp	35383 High Performance Computing	6cp
	_F	Select 6 credit points of options	6ср
Year 4		Spring semester	T
Autumn semester		70717 Evidence and Criminal Procedure	6ср
91161 Cell Biology and Genetics 33116 Statistical Design and Analysis	6cp	Select two subjects from the following:	_
33116 Statistical Design and Analysis 91309 Biodiversity Conservation	6ср 6ср	35335 Mathematical Methods	12ср 6ср
J	оср	35340 Quantitative Management Practice	6ср
Spring semester 70717 Evidence and Criminal Procedure	6an	Network and Combinatorial Optimisation	6ср
91156 Marine Primary Producers	6ср 6ср	35355 Quality Control	6ср
	_	35361 Stochastic Processes 35391 Seminar (Mathematics)	6ср 6ср
Select 6 credit points of options	6ср	35393 Seminar (Statistics)	6ср
Year 5		35322 Advanced Analysis	6ср
Autumn semester		35342 Nonlinear Methods in Quantitative	(
75421 Civil Litigation	6cp	Management	6ср
75420 Ethics and Professional Conduct 91118 Fisheries Resources	6cp	Select 6 credit points of options	6ср
	6ср	Year 5	
Select one of the following: 66513 Marine Geosciences	6ср 6ср	Autumn semester	
91120 GIS and Remote Sensing	6cp	75421 Civil Litigation	6ср
O	1	75420 Ethics and Professional Conduct	600
Spring semester		73420 Ethics and Professional Conduct	6ср
Spring semester	24	Select 6 credit points of options	6ср 6ср
Spring semester Select 24 credit points of options	24cp		-
•	24cp	Select 6 credit points of options Spring semester	6ср
Select 24 credit points of options	24cp	Select 6 credit points of options Spring semester Select 24 credit points of options	-
Select 24 credit points of options Mathematics major Year 1	24cp	Select 6 credit points of options Spring semester	6ср
Select 24 credit points of options Mathematics major Year 1 Autumn semester	•	Select 6 credit points of options Spring semester Select 24 credit points of options	6ср
Select 24 credit points of options Mathematics major Year 1 Autumn semester 70115 Perspectives on Law	8ср	Select 6 credit points of options Spring semester Select 24 credit points of options Medical Science major Year 1	6ср
Select 24 credit points of options Mathematics major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 35151 Introduction to Statistics	8cp 6cp 6cp	Select 6 credit points of options Spring semester Select 24 credit points of options Medical Science major Year 1 Autumn semester	6cp 24cp
Select 24 credit points of options Mathematics major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research	8cp 6cp 6cp	Select 6 credit points of options Spring semester Select 24 credit points of options Medical Science major Year 1	6ср
Select 24 credit points of options Mathematics major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 35151 Introduction to Statistics 35101 Introduction to Linear Dynamical Systems Spring semester	8cp 6cp 6cp	Select 6 credit points of options Spring semester Select 24 credit points of options Medical Science major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 91161 Cell Biology and Genetics	6cp 24cp 8cp 6cp 6cp
Select 24 credit points of options Mathematics major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 35151 Introduction to Statistics 35101 Introduction to Linear Dynamical Systems Spring semester 70311 Torts	8cp 6cp 6cp 6cp	Select 6 credit points of options Spring semester Select 24 credit points of options Medical Science major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 91161 Cell Biology and Genetics 65111 Chemistry 1	6cp 24cp 8cp 6cp
Select 24 credit points of options Mathematics major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 35151 Introduction to Statistics 35101 Introduction to Linear Dynamical Systems Spring semester 70311 Torts 70218 Criminal Law	8cp 6cp 6cp 6cp 8cp 8cp	Select 6 credit points of options Spring semester Select 24 credit points of options Medical Science major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 91161 Cell Biology and Genetics 65111 Chemistry 1 Spring semester	8cp 6cp 6cp 6cp
Select 24 credit points of options Mathematics major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 35151 Introduction to Statistics 35101 Introduction to Linear Dynamical Systems Spring semester 70311 Torts 70218 Criminal Law 35102 Introduction to Analysis and Multivariable	8cp 6cp 6cp 6cp 8cp	Select 6 credit points of options Spring semester Select 24 credit points of options Medical Science major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 91161 Cell Biology and Genetics 65111 Chemistry 1 Spring semester 70311 Torts	6cp 24cp 8cp 6cp 6cp 6cp
Select 24 credit points of options Mathematics major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 35151 Introduction to Statistics 35101 Introduction to Linear Dynamical Systems Spring semester 70311 Torts 70218 Criminal Law 35102 Introduction to Analysis and Multivariable Calculus	8cp 6cp 6cp 6cp 8cp 8cp	Select 6 credit points of options Spring semester Select 24 credit points of options Medical Science major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 91161 Cell Biology and Genetics 65111 Chemistry 1 Spring semester 70311 Torts 70218 Criminal Law	8cp 6cp 6cp 6cp 6cp 8cp 8cp
Select 24 credit points of options Mathematics major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 35151 Introduction to Statistics 35101 Introduction to Linear Dynamical Systems Spring semester 70311 Torts 70218 Criminal Law 35102 Introduction to Analysis and Multivariable Calculus	8cp 6cp 6cp 6cp 8cp	Select 6 credit points of options Spring semester Select 24 credit points of options Medical Science major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 91161 Cell Biology and Genetics 65111 Chemistry 1 Spring semester 70311 Torts	6cp 24cp 8cp 6cp 6cp 6cp
Select 24 credit points of options Mathematics major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 35151 Introduction to Statistics 35101 Introduction to Linear Dynamical Systems Spring semester 70311 Torts 70218 Criminal Law 35102 Introduction to Analysis and Multivariable Calculus Year 2 Autumn semester	8cp 6cp 6cp 6cp 8cp 8cp	Select 6 credit points of options Spring semester Select 24 credit points of options Medical Science major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 91161 Cell Biology and Genetics 65111 Chemistry 1 Spring semester 70311 Torts 70218 Criminal Law 91400 Human Anatomy and Physiology 65212 Chemistry 2	8cp 6cp 6cp 6cp 6cp 6cp
Select 24 credit points of options Mathematics major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 35151 Introduction to Statistics 35101 Introduction to Linear Dynamical Systems Spring semester 70311 Torts 70218 Criminal Law 35102 Introduction to Analysis and Multivariable Calculus Year 2 Autumn semester 70211 Contracts	8cp 6cp 6cp 6cp 8cp 8cp	Select 6 credit points of options Spring semester Select 24 credit points of options Medical Science major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 91161 Cell Biology and Genetics 65111 Chemistry 1 Spring semester 70311 Torts 70218 Criminal Law 91400 Human Anatomy and Physiology 65212 Chemistry 2 Year 2	8cp 6cp 6cp 6cp 6cp 6cp
Select 24 credit points of options Mathematics major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 35151 Introduction to Statistics 35101 Introduction to Linear Dynamical Systems Spring semester 70311 Torts 70218 Criminal Law 35102 Introduction to Analysis and Multivariable Calculus Year 2 Autumn semester 70211 Contracts 70616 Australian Constitutional Law	8cp 6cp 6cp 6cp 8cp 8cp 8cp	Select 6 credit points of options Spring semester Select 24 credit points of options Medical Science major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 91161 Cell Biology and Genetics 65111 Chemistry 1 Spring semester 70311 Torts 70218 Criminal Law 91400 Human Anatomy and Physiology 65212 Chemistry 2 Year 2 Autumn semester	8cp 6cp 6cp 6cp 6cp 6cp
Select 24 credit points of options Mathematics major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 35151 Introduction to Statistics 35101 Introduction to Linear Dynamical Systems Spring semester 70311 Torts 70218 Criminal Law 35102 Introduction to Analysis and Multivariable Calculus Year 2 Autumn semester 70211 Contracts 70616 Australian Constitutional Law 35140 Introduction to Quantitative Management	8cp 6cp 6cp 6cp 8cp 8cp 8cp	Select 6 credit points of options Spring semester Select 24 credit points of options Medical Science major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 91161 Cell Biology and Genetics 65111 Chemistry 1 Spring semester 70311 Torts 70218 Criminal Law 91400 Human Anatomy and Physiology 65212 Chemistry 2 Year 2 Autumn semester 70211 Contracts	8cp 6cp 6cp 6cp 6cp 6cp 6cp
Select 24 credit points of options Mathematics major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 35151 Introduction to Statistics 35101 Introduction to Linear Dynamical Systems Spring semester 70311 Torts 70218 Criminal Law 35102 Introduction to Analysis and Multivariable Calculus Year 2 Autumn semester 70211 Contracts 70616 Australian Constitutional Law 35140 Introduction to Quantitative Management Spring semester	8cp 6cp 6cp 8cp 8cp 6cp	Select 6 credit points of options Spring semester Select 24 credit points of options Medical Science major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 91161 Cell Biology and Genetics 65111 Chemistry 1 Spring semester 70311 Torts 70218 Criminal Law 91400 Human Anatomy and Physiology 65212 Chemistry 2 Year 2 Autumn semester	8cp 6cp 6cp 6cp 6cp 6cp
Select 24 credit points of options Mathematics major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 35151 Introduction to Statistics 35101 Introduction to Linear Dynamical Systems Spring semester 70311 Torts 70218 Criminal Law 35102 Introduction to Analysis and Multivariable Calculus Year 2 Autumn semester 70211 Contracts 70616 Australian Constitutional Law 35140 Introduction to Quantitative Management	8cp 6cp 6cp 8cp 8cp 8cp 6cp	Select 6 credit points of options Spring semester Select 24 credit points of options Medical Science major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 91161 Cell Biology and Genetics 65111 Chemistry 1 Spring semester 70311 Torts 70218 Criminal Law 91400 Human Anatomy and Physiology 65212 Chemistry 2 Year 2 Autumn semester 70211 Contracts 70616 Australian Constitutional Law 91314 General Microbiology	8cp 6cp 6cp 6cp 6cp 6cp 6cp
Select 24 credit points of options Mathematics major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 35151 Introduction to Statistics 35101 Introduction to Linear Dynamical Systems Spring semester 70311 Torts 70218 Criminal Law 35102 Introduction to Analysis and Multivariable Calculus Year 2 Autumn semester 70211 Contracts 70616 Australian Constitutional Law 35140 Introduction to Quantitative Management Spring semester 70317 Real Property 70327 Commercial Law 35100 Introduction to Sample Surveys	8cp 6cp 6cp 6cp 8cp 8cp 6cp 6cp 6cp	Select 6 credit points of options Spring semester Select 24 credit points of options Medical Science major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 91161 Cell Biology and Genetics 65111 Chemistry 1 Spring semester 70311 Torts 70218 Criminal Law 91400 Human Anatomy and Physiology 65212 Chemistry 2 Year 2 Autumn semester 70211 Contracts 70616 Australian Constitutional Law 91314 General Microbiology Spring semester	8cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Select 24 credit points of options Mathematics major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 35151 Introduction to Statistics 35101 Introduction to Linear Dynamical Systems Spring semester 70311 Torts 70218 Criminal Law 35102 Introduction to Analysis and Multivariable Calculus Year 2 Autumn semester 70211 Contracts 70616 Australian Constitutional Law 35140 Introduction to Quantitative Management Spring semester 70317 Real Property 70327 Commercial Law	8cp 6cp 6cp 6cp 8cp 8cp 6cp 8cp 6cp	Select 6 credit points of options Spring semester Select 24 credit points of options Medical Science major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 91161 Cell Biology and Genetics 65111 Chemistry 1 Spring semester 70311 Torts 70218 Criminal Law 91400 Human Anatomy and Physiology 65212 Chemistry 2 Year 2 Autumn semester 70211 Contracts 70616 Australian Constitutional Law 91314 General Microbiology Spring semester 70317 Real Property 70327 Commercial Law	8cp 6cp 8cp 6cp 6cp 6cp 6cp 6cp
Select 24 credit points of options Mathematics major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 35151 Introduction to Statistics 35101 Introduction to Linear Dynamical Systems Spring semester 70311 Torts 70218 Criminal Law 35102 Introduction to Analysis and Multivariable Calculus Year 2 Autumn semester 70211 Contracts 70616 Australian Constitutional Law 35140 Introduction to Quantitative Management Spring semester 70317 Real Property 70327 Commercial Law 35100 Introduction to Sample Surveys	8cp 6cp 6cp 6cp 8cp 8cp 6cp 6cp 6cp	Select 6 credit points of options Spring semester Select 24 credit points of options Medical Science major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 91161 Cell Biology and Genetics 65111 Chemistry 1 Spring semester 70311 Torts 70218 Criminal Law 91400 Human Anatomy and Physiology 65212 Chemistry 2 Year 2 Autumn semester 70211 Contracts 70616 Australian Constitutional Law 91314 General Microbiology Spring semester 70317 Real Property 70327 Commercial Law 68041 Physical Aspects of Nature	8cp 6cp 8cp 6cp 6cp 6cp 6cp 6cp
Select 24 credit points of options Mathematics major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 35151 Introduction to Statistics 35101 Introduction to Linear Dynamical Systems Spring semester 70311 Torts 70218 Criminal Law 35102 Introduction to Analysis and Multivariable Calculus Year 2 Autumn semester 70211 Contracts 70616 Australian Constitutional Law 35140 Introduction to Quantitative Management Spring semester 70317 Real Property 70327 Commercial Law 35100 Introduction to Sample Surveys 35111 Applications of Discrete Mathematics	8cp 6cp 6cp 6cp 8cp 8cp 6cp 6cp 6cp	Select 6 credit points of options Spring semester Select 24 credit points of options Medical Science major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 91161 Cell Biology and Genetics 65111 Chemistry 1 Spring semester 70311 Torts 70218 Criminal Law 91400 Human Anatomy and Physiology 65212 Chemistry 2 Year 2 Autumn semester 70211 Contracts 70616 Australian Constitutional Law 91314 General Microbiology Spring semester 70317 Real Property 70327 Commercial Law	8cp 6cp 8cp 6cp 6cp 6cp 6cp 6cp
Select 24 credit points of options Mathematics major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 35151 Introduction to Statistics 35101 Introduction to Linear Dynamical Systems Spring semester 70311 Torts 70218 Criminal Law 35102 Introduction to Analysis and Multivariable Calculus Year 2 Autumn semester 70211 Contracts 70616 Australian Constitutional Law 35140 Introduction to Quantitative Management Spring semester 70317 Real Property 70327 Commercial Law 35100 Introduction to Sample Surveys 35111 Applications of Discrete Mathematics Year 3	8cp 6cp 6cp 6cp 8cp 8cp 6cp 6cp 6cp 6cp	Select 6 credit points of options Spring semester Select 24 credit points of options Medical Science major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 91161 Cell Biology and Genetics 65111 Chemistry 1 Spring semester 70311 Torts 70218 Criminal Law 91400 Human Anatomy and Physiology 65212 Chemistry 2 Year 2 Autumn semester 70211 Contracts 70616 Australian Constitutional Law 91314 General Microbiology Spring semester 70317 Real Property 70327 Commercial Law 68041 Physical Aspects of Nature	8cp 6cp 8cp 6cp 6cp 6cp 6cp 6cp
Select 24 credit points of options Mathematics major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 35151 Introduction to Statistics 35101 Introduction to Linear Dynamical Systems Spring semester 70311 Torts 70218 Criminal Law 35102 Introduction to Analysis and Multivariable Calculus Year 2 Autumn semester 70211 Contracts 70616 Australian Constitutional Law 35140 Introduction to Quantitative Management Spring semester 70317 Real Property 70327 Commercial Law 35100 Introduction to Sample Surveys 35111 Applications of Discrete Mathematics Year 3 Autumn semester 35241 Optimisation in Quantitative Management 70517 Equity and Trusts	8cp 6cp 6cp 6cp 8cp 8cp 6cp 6cp 6cp 6cp 6cp	Select 6 credit points of options Spring semester Select 24 credit points of options Medical Science major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 91161 Cell Biology and Genetics 65111 Chemistry 1 Spring semester 70311 Torts 70218 Criminal Law 91400 Human Anatomy and Physiology 65212 Chemistry 2 Year 2 Autumn semester 70211 Contracts 70616 Australian Constitutional Law 91314 General Microbiology Spring semester 70317 Real Property 70327 Commercial Law 68041 Physical Aspects of Nature	8cp 6cp 8cp 6cp 6cp 6cp 6cp 6cp
Select 24 credit points of options Mathematics major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 35151 Introduction to Statistics 35101 Introduction to Linear Dynamical Systems Spring semester 70311 Torts 70218 Criminal Law 35102 Introduction to Analysis and Multivariable Calculus Year 2 Autumn semester 70211 Contracts 70616 Australian Constitutional Law 35140 Introduction to Quantitative Management Spring semester 70317 Real Property 70327 Commercial Law 35100 Introduction to Sample Surveys 35111 Applications of Discrete Mathematics Year 3 Autumn semester 35241 Optimisation in Quantitative Management	8cp 6cp 6cp 6cp 8cp 8cp 6cp 6cp 6cp 6cp	Select 6 credit points of options Spring semester Select 24 credit points of options Medical Science major Year 1 Autumn semester 70115 Perspectives on Law 70120 Legal Method and Research 91161 Cell Biology and Genetics 65111 Chemistry 1 Spring semester 70311 Torts 70218 Criminal Law 91400 Human Anatomy and Physiology 65212 Chemistry 2 Year 2 Autumn semester 70211 Contracts 70616 Australian Constitutional Law 91314 General Microbiology Spring semester 70317 Real Property 70327 Commercial Law 68041 Physical Aspects of Nature	8cp 6cp 8cp 6cp 6cp 6cp 6cp 6cp

Autumn s	emester		Autumn	semester	
70417 70517	Corporate Law Equity and Trusts	8ср 8ср	68075 65307	Nanomaterials Physical Chemistry 1	6ср 6ср
91703	Physiological Systems	6ср	Select 6 c	redit points of options	6ср
Spring se		0	Spring se	emester	
70617 91705	Administrative Law Medical Devices and Diagnostics	8ср 6ср	70717	Evidence and Criminal Procedure	6ср
	subject from the following:	•		o subjects from the following:	12cp
91132	Molecular Biology 1	6ср 6ср	67510	Surface Processes	6cp
91330	Epidemiology and Public Health Microbiology	6ср	68513 91140	Optics and Nanophotonics	6cp
91401	Introductory Haematology and Immunology	6cp	68320	BioNanotechnology Scanning Probe and Electron Microscopy	6ср 6ср
Select 6 cr	edit points of options	6ср		redit points of options	6ср
ear 4			Year 5		
Autumn s			Autumn	semester	
91707 91320	Pharmacology 1 Metabolic Biochemistry	6cp	75421	Civil Litigation	6ср
	· ·	6ср	75420	Ethics and Professional Conduct	6cp
Spring se	edit points of options mester	6ср	68606 67509	Solid-state Science and Nanodevices Molecular Nanotechnology	6ср 6ср
70717	Evidence and Criminal Procedure	6ср	Spring se	emester	
91708 91709	Medical and Applied Physiology Pharmacology 2	6ср 6ср	Select 24	credit points of options	24cp
	edit points of options	6ср	Levels	of award	
ear 5		r	The Back	nelor of Laws is available with honours and	l requires
				es to complete the research thesis within the l	aw option
Autumn s		600	compone	nt.	
75421 75420	Civil Litigation Ethics and Professional Conduct	6ср 6ср	Honou	rs	
91706	Neuroscience	6ср	The Bach	elor of Science (Honours) is available in all discip	lines as an
Select one	subject from the following:	6ср		l year to meritorious students. It is designed to	
91335	Molecular Biology 2	6ср		to research and more advanced coursework	
91338	Clinical Bacteriology	6cp		tudents to continue with postgraduate studies	if desired
91344	Medical and Diagnostic Biochemistry	6ср	and enna	nces their employment prospects.	
91358	Advanced Haematology	6cp	Profes	sional recognition	
91359 Enring co	Advanced Immunology	6ср		se satisfies the requirements for admission to the	e Supreme
pring se		24	Court of I PLT comp	NSW as a lawyer, provided students undertake th	ıe optional
	credit points of options	24cp	-	ng on the science specialisation and subject	ts chosen,
	hnology major		graduate	s may be eligible for admission to the relevan nal organisation.	
ear 1			•	ŭ	
Autumn s		0		nformation	
70115 70120	Perspectives on Law Legal Method and Research	8ср 6ср		nformation is available from the UTS Student Ce	entre on:
33190	Mathematical Modelling for Science	6ср	telephone	e 1300 ask UTS (1300 275 887)	
5111	Chemistry 1	6ср	or +61 2 9	9514 1222	
Spring se	mester	•	Ask UTS	www.ask.uts.edu.au	
70311	Torts	8ср			
70218	Criminal Law	8cp	C101	29v5 Bachelor of Laws Bac	helor
33290	Statistics and Mathematics for Science	6cp			11001
55212 (ear 2	Chemistry 2	6ср		ts in International Studies	
				Bachelor of Laws (LLB) of Arts in International Studies (BA)	
Autumn s		0	UAC code:	,	
70211 70616	Contracts Australian Constitutional Law	8ср 8ср		ode: 026195C	
8101	Foundations of Physics	6ср 6ср		/ealth-supported place?: Yes	
	*	· · · · · ·		t points: 240	
Spring se 70317		8 an	Course EF	TSL: 5	
70317	Real Property Commercial Law	8ср 6ср	Location: (City campus	
58201	Physics in Action	6ср	Over	244	
8070	Introduction to Materials	6cp	Overvio		CL. 4: !
ear 3				elor of Laws Bachelor of Arts in International bintly by UTS: Law and UTS: International Sti	
Autumn s	emester		course is	designed for students who wish to provide specia	alised legal
0417	Corporate Law	8ср		o international organisations and to satisfy the d	emand for
70517	Equity and Trusts	8cp		vho can act for foreign investors.	1.
33360	Mathematics for Physical Science	6ср	Career pr	ospects are enhanced by international experienc more marketable to prospective employers both l	e, making
inrina co	mostor		June	to prospective employers both	- corry unit

internationally.

The course offers students the opportunity to gain an international perspective to their law studies. In developing language skills and undertaking overseas study in their fourth year, students are exposed

8ср

6cp 6cp

6ср

Year 4

Spring semester

Administrative Law

Imaging Science

Select 6 credit points of options

Quantum Physics

70617

68315

68413

Year 3

to expertise and skills to enable them to work internationally and have an in-depth understanding of cross-cultural legal issues.

Career options

Career options include legal policy adviser within a government department, lawyer in a commercial or corporate sector with international links. Graduates can work with international organisations such as the United Nations and opportunities also exist in foreign affairs.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

There is a range of entry levels to the various language and culture programs. Students are admitted to the international studies program (see page 92) with no guarantee of entry to a specific major, although every effort is made to meet students' preferences.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Proficiency in English is assumed. There are no prior language requirements for the international studies program (see page 87).

Course duration and attendance

The course duration is five years of full-time study. The law component requires attendance of 10-15 hours of lectures a week and timetable constraints may require attendance at daytime and evening classes. Students spend two semesters of study at a university or other higher education institution in the country of their major.

Course structure

The course comprises a total of 240 credit points. The study components for course completion are as follows.

The law component of 144 credit points is made up of:

- 102 credit points of compulsory core law subjects, and
- 42 credit points of law options.

The international studies component comprises 96 credit points of international studies subjects.

Refer to the course entry in the *UTS: Handbook 2007* for the pre-2008 course structure.

For a current listing of subjects in each course refer to the study package directory.

Overseas study

Students spend their fourth year of study at a university overseas.

Industrial training/professional practice

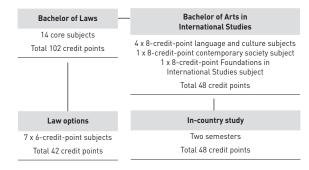
To practise as a lawyer in NSW, students need to successfully complete an accredited legal academic qualification (e.g. Bachelor of Laws) and an accredited course of practical legal training (PLT), which UTS offers through its PLT program.

Students enrolled in this course may complete their practical legal training by undertaking a postgraduate course in PLT, such as the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

Course completion requirements

STM90691 Law stream 144cp
CBK90005 Country major choice 96cp
Total 240cp

Course diagram



Course program

The standard program shown is for a full-time student who has chosen the Germany major in the international studies component and law options.

All options shown are law options and are to be drawn from those on offer in CBK90383.

Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major.

Year 1

A		
Autumn s		
70211	Contracts	8cp
70115	Perspectives on Law	8cp
70120	Legal Method and Research	6ср
Spring ser	mester	
70218	Criminal Law	8ср
70311	Torts	8cp
70317	Real Property	8ср
Year 2		
Autumn s	emester	
70616	Australian Constitutional Law	8cp
97601	German Language and Culture 1	8cp
976001	Foundations in International Studies	8cp
Spring ser	mester	
70327	Commercial Law	6ср
97602	German Language and Culture 2	8cp
70617	Administrative Law	8cp
Year 3		
Autumn s	emester	
70517	Equity and Trusts	8ср
97603	German Language and Culture 3	8cp
70417	Corporate Law	8cp
Spring ser	ī	1
976421		9 000
976421	Contemporary Germany German Language and Culture 4	8cp
70717	Evidence and Criminal Procedure	8cp 6cp
	edit points of options	6ср
	F	***
Year 4		
Autumn s	emester	
977420	In-country Study 1: Germany	24cp
Spring ser	nester	
978420	In-country Study 2: Germany	24cp
Year 5		
Autumn s	emester	
75421	Civil Litigation	6ср
75420	Ethics and Professional Conduct	6cp
Select 12 c	redit points of options	12cp
Spring semester		
Select 24 credit points of options 24cp		
1 1		

Levels of award

The Bachelor of Laws may be awarded with first or second class honours, which does not require an additional honours year. Honours candidates must complete the research thesis within the law option component. The rules concerning the Bachelor of Laws with honours can be found in undergraduate course information (see page 96).

Professional recognition

This course satisfies the requirements for admission to the Supreme Court of NSW as a lawyer, provided students complete a practical legal training program, such as the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10131v5 Bachelor of Medical Science Bachelor of Laws

Award(s): Bachelor of Medical Science (BMedSc)
Bachelor of Laws (LLB)
UAC code: 609065
CRICOS code: 0257976
Commonwealth-supported place?: Yes
Load credit points: 240
Course EFTSL: 5
Location: City campus

Overview

The law is of special importance in many areas of medical science, including medical and health practice, medical and biological research and industrial and commercial enterprise. The Bachelor of Medical Science Bachelor of Laws is offered jointly by UTS: Law and UTS: Science.

The program provides full-time study for students wishing to obtain a professional legal qualification that satisfies the academic requirements only for admission as a lawyer together with specialisation in medical science.

The course addresses the increasing need for medical science expertise among lawyers. Graduates develop critical and analytical skills inherent to an understanding of the complex links between medical science and the law, thus increasing their employment opportunities and career choices.

Career options

Career options include lawyer in areas where a strong background in human biology, medical diagnostics, neuroscience or pharmacology is valued; manager, officer or researcher in private or public health administration.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

English proficiency; mathematics; and two science subjects.

Course duration and attendance

The course duration is five years of full-time study. Students who undertake the Bachelor of Medical Science (Honours) (C09031) (see page 116) complete the course in six years of full-time study.

The law component requires attendance at 10-15 hours of lectures a week and timetable constraints may require attendance at daytime and evening classes. The science component requires attendance of approximately 10 hours a week at the University.

Course structure

The course comprises a total of 240 credit points and allows students to graduate with the separate degrees of Bachelor of Medical Science (BMedSc) and Bachelor of Laws (LLB). The study components for course completion are as follows.

The law component of 144 credit points is made up of:

- 102 credit points of compulsory core law subjects, and
- 42 credit points of law options.

The medical science component comprises 96 credit points of core medical science subjects.

Students graduate from the BMedSc independently from the LLB. However, to be eligible for graduation from the BMedSc, students must complete a total of 96 credit points of science subjects plus at least 96 credit points of Bachelor of Laws subjects.

For a current listing of subjects in each course refer to the study package directory.

Graduation from the medical science component of the combined degree is not possible prior to completion of all components of the combined degree. Students wishing to graduate with a Bachelor of Medical Science prior to completion of the law component of the combined degree must apply for transfer to the Bachelor of Medical Science (C10184) (see page 217) single degree program where they must complete all requirements for the stand-alone single degree version.

Similarly, a student can graduate from the law component of the combined degree prior to completion of the medical science component, but if they wish to continue with the medical science component, they must apply for transfer to the Bachelor of Medical Science (C10184) (see page 217) single degree program where they need to complete all requirements for the stand-alone single degree version.

Industrial training/professional practice

To practise as a lawyer in NSW, students need to successfully complete an accredited legal academic qualification (e.g. Bachelor of Laws) and an accredited course of practical legal training (PLT), which UTS offers through its PLT program.

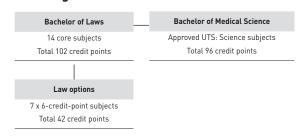
Students enrolled in this course may complete their practical legal training by undertaking a postgraduate course in PLT, such as the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

Course completion requirements

STM90349 Core subjects (Medical Science) STM90691 Law stream

96cp 144cp Total 240cp

Course diagram



Course program

The standard program shown is for a full-time student with law

All options shown are law options and are to be drawn from those on offer in CBK90383.

Year 1

rear 1			
Autumn s	emester		
70115	Perspectives on Law	8ср	
70120	Legal Method and Research	6ср	
91161	Cell Biology and Genetics	6ср	
65111	Chemistry 1	6ср	
Spring se	mester		
70311	Torts	8ср	
70218	Criminal Law	8cp	
91400	Human Anatomy and Physiology	6ср	
65212	Chemistry 2	6cp	
Year 2	- · · · · · · · ·		
Autumn s	omostor		
70211	Contracts	8 cm	
70211	Australian Constitutional Law	8cp	
91314	General Microbiology	8cp	
		6ср	
Spring se			
70317	Real Property	8cp	
70327	Commercial Law	6cp	
68041	Physical Aspects of Nature	6ср	
91239	Human Pathophysiology	6ср	
Year 3			
Autumn s			
70417	Corporate Law	8cp	
70517	Equity and Trusts	8cp	
91703	Physiological Systems	6ср	
Spring se	mester		
70617	Administrative Law	8ср	
91705	Medical Devices and Diagnostics	6ср	
Select one	subject from the following:	6ср	
91132	Molecular Biology 1	6ср	
91401	Introductory Haematology and Immunology	6ср	
91330	Epidemiology and Public Health Microbiology	6ср	
Select 6 cr	edit points of options	6ср	
Year 4			
Autumn s	emester		
91707	Pharmacology 1	6ср	
91320	Metabolic Biochemistry	6ср	
Select 6 cr	edit points of options	6ср	
Spring se	mester		
70717	Evidence and Criminal Procedure	6ср	
91708	Medical and Applied Physiology	6ср	
91709	Pharmacology 2	6cp	
Select 6 cr	edit points of options	6ср	
Year 5			
Autumn s	emester		
75421	Civil Litigation	6ср	
75420	Ethics and Professional Conduct	6ср	
91706	Neuroscience	6ср	
		1	

91335

91338

91344

91358

91359

Spring semester 75411 Practical Experience 0cp Select 24 credit points of options 24cp

Medical and Diagnostic Biochemistry

Levels of award

Select one subject from the following:

Molecular Biology 2

Clinical Bacteriology

Advanced Haematology

Advanced Immunology

The Bachelor of Laws is available with honours and requires candidates to complete the research thesis within the law option component. The rules relating to the Bachelor of Laws with honours can be found in undergraduate course information (see page 96).

Honours

The Bachelor of Medical Science (Honours) (C09031) (see page 116) requires an additional year of study and is designed to introduce students to research work in medical science. It allows eligible students to continue with postgraduate studies if desired and enhances their employment prospects.

Professional recognition

This course satisfies the requirements for admission to the Supreme Court of NSW as a lawyer, provided students complete a practical legal training program, such as the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Further information on the medical science component is available

Associate Professor Loraine Holley

Course director

telephone +61 2 9514 2180 fax +61 2 9514 2186

email Loraine.Holley@uts.edu.au

C10136v7 Bachelor of Engineering Science Bachelor of Laws

Award(s): Bachelor of Engineering Science in (name of Engineering major) (BEngSc) Bachelor of Laws (LLB)

UAC code: 609050

CRICOS code: 040713B

Commonwealth-supported place?: Yes

Load credit points: 264 Course EFTSL: 5.5 Location: City campus

Overview

The Bachelor of Engineering Science Bachelor of Laws is offered jointly by UTS: Law and UTS: Engineering and is awarded with two testamurs. The course was developed in response to growing demand for legal services in areas in which an in-depth appreciation of complex technical matters is essential. It provides an overview of the legal system as a whole and an in-depth knowledge of an engineering specialisation.

The program provides full-time study for students wishing to obtain a professional legal qualification that satisfies the academic requirements only for admission as a lawyer together with a specialisation in engineering science.

The course addresses the increasing need for technical expertise and legal knowledge, which are highly sought after in both private law firms and the engineering industry. Graduates develop critical and analytical skills, combined with a strong industry focus, essential for an understanding of the complex links between engineering and the law.

Career options

6ср

6ср

6ср

6ср

6ср

6ср

Career options include professions as a lawyer in areas of environmental law, technology legislation and technology-specific criminal law; consultant, legal adviser or manager to engineering corporations in Australia and overseas.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Local students

Admission to the chosen engineering major is dependent on the ATAR for that major being met.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances

Assumed knowledge

Mathematics Extension 1; Physics; and English Standard.

English Advanced is recommended.

Course duration and attendance

The course is normally completed in five-and-a-half years of full-time study. The hours of full-time attendance are approximately 17 hours a week and timetable constraints may require attendance at daytime and evening classes in the law component.

Course structure

The course comprises 264 credit points and allows students to graduate with the separate degrees of Bachelor of Engineering Science and Bachelor of Laws. The study components for course completion are as follows

- The law component is made up of 102 credit points of compulsory core law subjects; and 42 credit points of law options.
- The engineering component comprises 120 credit points of study, consisting of the core subjects in the Bachelor of Engineering Science and the field of practice subjects associated with the chosen engineering major.
- On completion of the engineering component (as set out in 2 above) a student who has also completed at least 78 credit points of law subjects approved by UTS: Law is eligible for the award of Bachelor of Engineering Science.

A student who qualifies for the award of Bachelor of Engineering Science (according to 3 above) is, on completion of the law component as approved by UTS: Law, eligible for the award of Bachelor of Laws. Refer to the course entry in the UTS: Handbook 2007 for the pre-2008 course structure.

For a current listing of subjects in each course refer to the study package directory.

Industrial training/professional practice

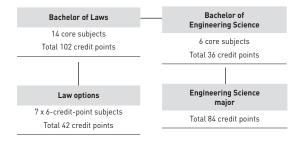
To practise as a lawyer in NSW, students need to successfully complete an accredited legal academic qualification (e.g. Bachelor of Laws) and an accredited course of practical legal training (PLT), which UTS offers through its PLT program.

Students enrolled in this course may complete their practical legal training by undertaking a postgraduate course in PLT, such as the Graduate Certificate in Professional Legal Practice (C11232) (see

Course completion requirements

oodi se completion requiremen	
CBK90178 Major choice	84cp
STM90356 Core subjects	36cp
STM90691 Law stream	144cp
	Total 264cp

Course diagram



Course program

The standard program shown is for a full-time student who has chosen the Electrical Engineering major and law options.

All options shown are law options and are to be drawn from those on offer in CBK90383.

OII OIICI III	I CDK90363.	
Year 1		
Autumn se 33130 68037 70115 70120	emester Mathematical Modelling 1 Physical Modelling Perspectives on Law Legal Method and Research	6cp 6cp 8cp 6cp
Spring set 48230 70218 70311 48510	mester Engineering Communication Criminal Law Torts Introduction to Electrical Engineering	6cp 8cp 8cp 6cp
Year 2		
Autumn s 70211 70616 33230	emester Contracts Australian Constitutional Law Mathematical Modelling 2	8cp 8cp 6cp
Spring set 48521 70317 70327 48520	mester Fundamentals of Electrical Engineering Real Property Commercial Law Electronics and Circuits	6cp 8cp 6cp 6cp
Year 3		
Autumn se 48441 48240 70517 70417	emester Introductory Digital Systems Design Fundamentals Equity and Trusts Corporate Law	6cp 6cp 8cp 8cp
Spring ser 70617 48530 68038	mester Administrative Law Circuit Analysis Advanced Mathematics and Physics	8cp 6cp 6cp
Select 6 cr	edit points of options	6ср
Year 4		
Autumn s	emester Embedded C	6cn

48430	Embedded C	6cr
48531	Electromechanical Automation	6сұ
Select 12 c	redit points of options	12c _F
Spring ser	nester	
48540	Signals and Systems	6cr
48451	Advanced Digital Systems	6cr
48570	Data Acquisition and Distribution	6cp
70717	Evidence and Criminal Procedure	6cp

Year 5

Autumn	semester	
48250	Engineering Economics and Finance	6ср
48560	Introductory Control	6ср
75420	Ethics and Professional Conduct	6ср
75421	Civil Litigation	6ср
Spring semester		

Select 24 credit points of options Year 6

Autumn semester				
48571	Electrical Machines	6ср		
48572	Power Circuit Theory	6ср		

Levels of award

The Bachelor of Laws may be awarded with first or second class honours, which does not require an additional honours year. Honours candidates must complete the research thesis within the law option component. The rules concerning the Bachelor of Laws with honours can be found in undergraduate course information (see page 96).

24cp

Professional recognition

This course satisfies the requirements for admission to the Supreme Court of NSW as a lawyer, provided students complete a practical legal training (PLT) program, such as the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

Students wishing to obtain full recognition as graduate engineers have the option of articulating to the Bachelor of Engineering (C10067) (see page 152) or Bachelor of Engineering Diploma in Engineering Practice (C10061) (see page 140) depending on entry requirements.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10143v5 Bachelor of Information Technology

Award(s): Bachelor of Information Technology (BInfTech)

UAC code: 603210

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Note(s)

This course is only offered to local students.

It is intended for local current school leavers.

This course is not offered to international students.

Overview

This is a cooperative education scholarship program in computer information systems, developed by UTS in cooperation with a group of leading organisations. It differs from other cooperative education courses in that, during the industry-based semesters, students follow a structured program designed jointly by UTS and the employer group, including formal coursework delivered by industry.

There are a limited number of places available in this course according to the number of industry sponsors each year. If selected for this course, students receive a total scholarship of around \$46,500 for the duration of the course.

This intensive course includes two six-month industry placements with different industry sponsors. Industry sponsors are heavily involved in the curriculum design to ensure graduates are not only highly qualified but also have the knowledge and skills relevant to the needs of industry.

Students normally secure graduate employment before completion of the course, which has a track record of 100 per cent employment. Sponsors also actively recruit graduates from the course but students are not obliged to take up employment with a sponsor.

Course aims

Students gain an understanding of both business practice and technical skills in IT and computing, and learn how to apply IT solutions to business challenges.

Career options

Career options include ICT business analyst, systems analyst, analyst/programmer, software developer, information systems manager, IT consultant, programmer/developer or IT project manager.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

This is an intensive scholarship course intended primarily for current school leavers, although applications are also accepted from noncurrent school leavers. Special application and selection procedures apply. Applicants must submit a Bachelor of Information Technology application questionnaire and attend an interview.

Applicants must demonstrate leadership potential and involvement in extra-curricular activities and it is expected that students achieve an ATAR of around 90. If suitable, students are interviewed before selection. Final selection is based on the result of the interview and ATAR. There are two application and interview rounds.

Further information is available from:

http://it.uts.edu.au/courses/scholarships/bit

Eligibility for admission does not guarantee offer of a place.

Assumed knowledge

Mathematics and any two units of English.

HSC Mathematics Extension 1 and English Advanced are recommended.

Course duration and attendance

The course is of three years' duration and involves four semesters of full-time study at the University and two semesters of full-time industry-based study and practical experience. The industry-based semesters are of 23 weeks' duration.

Course structure

Students are required to complete 144 credit points, comprising 120 credit points in compulsory subjects and 24 credit points in electives.

The central curriculum of the course is computer and information systems. This is supported by studies in management and strategic planning, as well as the necessary background subjects in information technology and programming.

There are special conditions relating to students enrolled in this course. Leave of absence and re-admission after withdrawal are not normally granted to students, except under extraordinary circumstances and subject to satisfactory arrangements being possible.

Rules and regulations

UTS: Information Technology does not recommend probation for unsatisfactory academic performance. Instead, it recommends to the Faculty Board in Engineering and Information Technology that a student be excluded under any of the following circumstances:

- a student fails any subject for the second time
- a student gains less than 50 per cent of the credit points for which he or she is enrolled in that assessment period
- a student fails any subject that is part of the program of an industry-based semester or a student performs unsatisfactorily during an industry-based semester, or
- immediately prior to the commencement of an industry-based semester, a student has still to complete more than one subject in the normal program of the course to that stage.

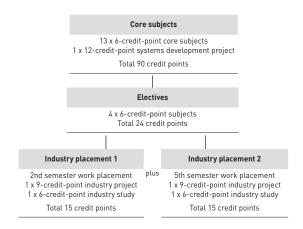
As an alternative to exclusion, a student whose performance is unsatisfactory according to the circumstances named above may have their enrolment forcibly transferred from the Bachelor of Information Technology to the Bachelor of Science in Information Technology course by means of an internal course transfer: continuing. The decision of whether a student is recommended for exclusion or a forced course transfer is at the sole discretion of the faculty and dependent on the individual circumstances of the student.

Appeals against exclusion are dealt with by the University's Appeals Committee (of the Academic Board), which takes into account the recommendation of the Course Steering Committee.

Industrial training/professional practice

Students spend two six-month, full-time semesters in industry.

Course diagram



Course completion requirements

STM90668 Core subjects (IT)	90ср
STM90669 Core subjects (Industry)	30cp
CBK90571 Electives	24cp
	Total 144cp

Course program

The example program below is for a student commencing in Autumn semester and undertaking the course full time.

Note: Subjects listed as electives may not be offered every semester.

Autumn se	emester	
31265	Communication for IT Professionals	6ср
31266	Introduction to Information Systems	6ср
48023	Programming Fundamentals	6ср
31268	Web Systems	6ср
Spring ser	nester	
31269	Business Requirements Modelling	6ср
31489	Industry Study 1	6cp
31491	Industry Project 1	9cp
Year 2		

Autumn semester

48024

31257	Information System Development	-
	Methodologies	6ср
31270	Networking Essentials	6cp
31271	Database Fundamentals	6ср
Select 6	credit points of electives	6ср
Spring s	emester	
31247	Collaborative Business Processes	6ср
48440	Software Engineering Practice	6cp
31281	Systems Development Project	12cp

Applications Programming

Year 3		
Autumn	semester	
31490	Industry Study 2	6ср
31492	Industry Project 2	9ср
Select 6 c	redit points of electives	6ср
Spring se	mester	
31245	Business Process and IT Strategy	6ср
31272	Project Management and the Professional	6ср
Select 12	credit points of electives	12cp

Honours

Students interested in research and who excel in their studies are eligible to undertake one additional full-time year of study in the Bachelor of Science (Honours) in Information Technology (C09019) (see page 111) program.

Professional recognition

Graduates are eligible for professional-level membership of the Australian Computer Society.

Other information

Further information for current and future students is available from: Building 10 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10148v4 Bachelor of Science in Information Technology

Award(s): Bachelor of Science in Information Technology (BSc) UAC code: 603201

CRICOS code: 040941A

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Note(s)

This course is only offered to new international students. Local students in an existing UTS course may be able to transfer into it.

Local applicants now apply for the Bachelor of Science in Information Technology Diploma in Information Technology Professional Practice (C10152) (see page 196), which includes the industry training year and provides a comprehensive preparation for a career in IT.

Overview

6cp

This course offers a sound education in all aspects of computing and information technology for students who intend to make a career in the profession, as well as providing a pathway to honours, postgraduate study or a research career.

This course adopts a practice-based approach to IT education and the course content is a mix of theory and practice. As well as gaining strong technical skills in IT, students gain skills in business analysis, problem solving, teamwork and communication. Employers look for graduates with industry experience and, in this course, students are exposed to real IT problems.

UTS: Information Technology continues to support part-time study and some subjects can be taken in the evening as well as during the day.

Course aims

The course aims to produce graduates who are able to apply, in the context of any organisation, the knowledge and skills required of:

- information systems professionals in business units who integrate packaged systems rather than develop systems from first principles
- information technology professionals who develop systems from first principles
- network specialists who build, maintain and administer complex network systems, or
- computing specialists for technical research careers.

Career options

Career options include business analyst, IT project manager, network specialist, software developer, systems analyst or web developer.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.0 overall with a writing score of 6.0; or TOEFL: paper based: 500-549 overall with TWE of 4.5, internet based: 60-78 overall with a writing score of 21; or DEEP: C; or PTE: 50-57; or CAE: 52-57

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics and any two units of English.

HSC Mathematics Extension 1 and English Advanced are recommended.

External articulation

Students who gain entry through the UTS INSEARCH pathway are eligible for 48 credit points of credit recognition. Students who have completed a relevant diploma at TAFE NSW may be eligible for at least 24 credit points of credit recognition. There are also articulations with this course with institutions in China, Hong Kong, Malaysia and Singapore. Details are available from the Building 10 Student Centre.

Credit recognition

Students who have previously undertaken study at a university or other recognised tertiary education institution may be eligible for some academic credit for their prior study if the subjects previously completed are deemed by the Faculty of Engineering and Information Technology to be equivalent to subjects in the course.

The prior study must have been completed before commencement of this course, but no earlier than three years before commencement. Students must be able to demonstrate that their knowledge is current.

Credit recognition is not normally granted in this course for study completed at a private college except where UTS has an external articulation agreement with the college. TAFE IT diplomas and advanced diplomas completed within three years of enrolment may be granted some credit recognition. For further details see:

www.it.uts.edu.au/courses/undergraduate/credit-recognition.html

There are no exemptions granted for the networking subjects 31270, 31277 and 31283 without the successful completion of the challenge test for each of the these subjects. A challenge test is granted at enrolment time to students who have completed the CCNA curriculum (or CCNP) at a university and/or TAFE diploma level where the awarding institution is a CISCO Networking Academy. These challenge tests are always held in the week before the commencement of semester.

Course duration and attendance

The course is completed in three years of full-time or six years of parttime study. A significant number of subjects are offered in the evening but some daytime attendance is required for part-time students.

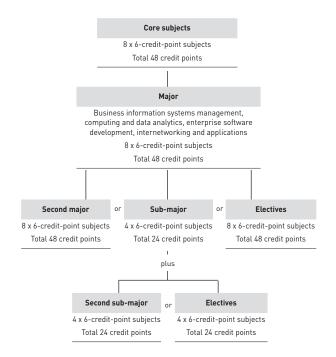
Course structure

Students are required to complete 144 credit points, comprising 48 credit points of core subjects, 48 credit points of one compulsory IT major and 48 credit points of electives.

Students must complete eight foundation core subjects (6 credit points each) and an IT major (48 credit points).

The 48 credit points of electives can be a combination of a second IT major, or two sub-majors, or one sub-major and four electives, or eight electives to broaden their knowledge of information technology and other disciplines.

Course diagram



Industrial training/professional practice

Industrial training is available as a separate course. Students enrol into the Diploma in Information Technology Professional Practice (C20049) (see page 299) once they have secured suitable full-time employment in the IT industry. This incorporates a minimum of nine months' full-time paid work experience with four supporting subjects at UTS. Full-time students normally undertake industrial training after completing Year 2.

Course completion requirements

STM90651 Core subjects (Information Technology)	48cp
CBK90781 Major choice (Information Technology)	48cp
CBK90782 Major/Two sub-majors/Electives	48cp
., ., ., ., ., ., ., ., ., ., ., ., ., .	Total 144cp

Course program

Example full-time programs are shown below. Refer to CBK90782 for the IT majors and approved sub-majors available to students in this course. All students are required to complete one IT major.

Note: Subjects listed as electives and IT major subjects are only offered in a particular semester (or year) if there is sufficient demand and the necessary resources.

Business Information Systems Management major

Year 1

Year 1		
Autumn	semester	
31265 31266 48023 31268	Communication for IT Professionals Introduction to Information Systems Programming Fundamentals Web Systems	6cp 6cp 6cp 6cp
Spring s	emester	
31269 31270 31247	Business Requirements Modelling Networking Essentials Collaborative Business Processes	6cp 6cp 6cp
Select 6	credit points of electives	6ср
Year 2		

Autumn semester

Autumn	Cilicatei		
31271	Database Fundamentals		6ср
31257	Information System Development		
	Methodologies		6ср
Selec	et one of the following:		6ср
3125	C	6ср	1
3109	7 IT Operations Management	6cp	
6.1.16	1 0	1	
Select 6 ci	redit points of electives		6ср
Spring se	mester		
31258	Innovations for Global Relationship		
	Management		6ср
31245	Business Process and IT Strategy		6cp
C-112	421		-
Select 12 o	credit points of electives		12cp

Year 3

Autumn semester

312/2	Project Management and the Professional	оср			
31276	Networked Enterprise Architecture	6ср			
Select 12 credit points of electives					
Spring se	emester				
31280	Strategic IT Project	6ср			
31282	Systems Testing and Quality Management	6cp			

12cp

Enterprise Systems Development major

Select 12 credit points of electives

Year 1

Autumn semester

	Autuiiii 3	sinester	
	31265	Communication for IT Professionals	6ср
	31266	Introduction to Information Systems	6ср
	48023	Programming Fundamentals	6ср
	31268	Web Systems	6ср
	Spring ser	mester	
	31269	Business Requirements Modelling	6ср
	31270	Networking Essentials	6ср
	48024	Applications Programming	6cp
Select 6 credit points of electives			

				Spring semester		
Year 2 Autumn s	semester			31252 Network Security		6ср
31271 31251 31260	Database Fundamentals Data Structures and Algorithms		6cp 6cp	Select 6 credit points from the following options: 31283 WANs and Virtual LANs 31285 Mobile Applications Development	6cp	6ср
	Interface Design redit points of electives		6ср 6ср	31242 Advanced Internet Programming	6ср 6ср	
	Spring competer		6ср			
48440	Software Engineering Practice		6ср	Select 12 credit points of electives		12cp
31281	Systems Development Project		12cp	Data Analytics major		
	redit points of electives		6ср	Year 1		
Year 3				Autumn semester 31265 Communication for IT Professionals		600
Autumn s 31272	Project Management and the Professional		6ср	31265 Communication for IT Professionals 31266 Introduction to Information Systems		6ср 6ср
Select 6 c	redit points from the following options:		6ср	48023 Programming Fundamentals 31268 Web Systems		6ср 6ср
31284 31253	Web Services Development Database Programming	6ср 6ср		Spring semester		· · · r
31100	Enterprise Development with .NET	6ср		31269 Business Requirements Modelling		6ср
31777 41001	Human-Computer Interaction Cloud Computing and Software as	6ср		31270 Networking Essentials		6cp
	a Service	6ср		Select 12 credit points of electives		12cp
Select 12	credit points of electives		12cp	Year 2		
Spring se	emester			Autumn semester 31271 Database Fundamentals		6ср
31284	redit points from the following options: Web Services Development	6ср	6ср	31250 Introduction to Data Analytics 35101 Introduction to Linear Dynamical System	;	6cp 6cp
48433 31335	Software Architecture Extreme Programming	6ср 6ср		Select 6 credit points of electives		6ср
31927	Application Development with .NET	6ср		Spring semester		
31075 31242	Object-relational Databases Advanced Internet Programming	6ср 6ср		35151 Introduction to Statistics		6ср
41005	Cloud-based Enterprise Application			Select 6 credit points from the following options: 31005 Data Mining Algorithms	6ср	6ср
Salact 18	Development credit points of electives	6ср	18ср	31075 Object-relational Databases	6ср	
	•		тоср	31256 Image Processing and Pattern Recognition 31259 Intelligent Agents	6cp 6cp	
Year 1	working and Applications major			Select 12 credit points of electives		12cp
	semester			Year 3		
Autumn s	semester Communication for IT Professionals		6ср	Autumn semester		_
Autumn s 31265 31266	Communication for IT Professionals Introduction to Information Systems		6ср	Autumn semester 31272 Project Management and the Professional		6cp 6cp
Autumn s 31265	Communication for IT Professionals			Autumn semester 31272 Project Management and the Professional		6ср
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Autumn s 31265 31266 48023 31268 Spring se 31269 31270 Select 12 Year 2 Autumn s 31271 31284 31277 Select 6 cc Spring se 31275 31246 Select 12 Year 3 Autumn s 31272 31261 Select 6 cc 31283 48024 31254 31274 31748	Communication for IT Professionals Introduction to Information Systems Programming Fundamentals Web Systems Emester Business Requirements Modelling Networking Essentials credit points of electives Semester Database Fundamentals Web Services Development Routing and Internetworks redit points of electives Emester Mobile Networking Network Design credit points of electives Semester Project Management and the Professional Internetworking Project redit points from the following options: WANs and Virtual LANs Applications Programming e-Commerce Network Management Programming on the Internet	6cp 6cp 6cp	6cp 6cp 6cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp	Autumn semester 31272 Project Management and the Professional 41004 Analytics Capstone Project Select 6 credit points from the following options: 31256 Image Processing and Pattern Recognition 31000 e-Business Trading 31050 Programming with Patterns 31253 Database Programming Select 6 credit points of electives Spring semester Select 12 credit points from the following options: 31243 Analytics Capstone Project B 31259 Intelligent Agents 31005 Data Mining Algorithms 31005 Data Mining Algorithms 31075 Object-relational Databases 31256 Image Processing and Pattern Recognition Select 12 credit points of electives Levels of award The Bachelor of Science in Information Technology mounts in the distinction, credit or pass. Honours Students interested in research and who excel in the eligible to undertake one additional full-time year of Bachelor of Science (Honours) in Information Technology in Information Technology and Bachelor of Science (Honours) in Information Technolo	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp f study f study logy (Coart-tim	6cp 6cp 6cp 12cp 12cp varded ies are in the 09019) e basis
Autumn s 31265 31266 48023 31268 Spring se 31269 31270 Select 12 Year 2 Autumn s 31271 31284 31277 Select 6 cc Spring se 31275 31246 Select 12 Year 3 Autumn s 31272 31261 Select 6 cc 31283 48024 31274 31748 31285	Communication for IT Professionals Introduction to Information Systems Programming Fundamentals Web Systems Emester Business Requirements Modelling Networking Essentials credit points of electives Semester Database Fundamentals Web Services Development Routing and Internetworks redit points of electives Emester Mobile Networking Network Design credit points of electives Semester Project Management and the Professional Internetworking Project redit points from the following options: WANs and Virtual LANs Applications Programming e-Commerce Network Management	6cp 6cp 6cp	6cp 6cp 6cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp	Autumn semester 31272 Project Management and the Professional 41004 Analytics Capstone Project Select 6 credit points from the following options: 31256 Image Processing and Pattern Recognition 31000 e-Business Trading 31050 Programming with Patterns 31253 Database Programming Select 6 credit points of electives Spring semester Select 12 credit points from the following options: 31243 Analytics Capstone Project B 31259 Intelligent Agents 31005 Data Mining Algorithms 31075 Object-relational Databases 31256 Image Processing and Pattern Recognition Select 12 credit points of electives Levels of award The Bachelor of Science in Information Technology mount a distinction, credit or pass. Honours Students interested in research and who excel in the eligible to undertake one additional full-time year of Bachelor of Science (Honours) in Information Technology mover two years. Professional recognition	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp f study f study logy (Coart-tim	6cp 6cp 6cp 12cp 12cp varded ies are in the 09019) e basis

Other information

Further information is available from: Building 10 Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

C10152v4 Bachelor of Science in Information Technology Diploma in Information Technology Professional Practice

Award(s): Bachelor of Science in Information Technology Diploma in Information Technology Professional Practice (BScDipInfTechProfPrac)

UAC code: 603200 CRICOS code: 040940B

Commonwealth-supported place?: Yes

Load credit points: 156 Course EFTSL: 3.25 Location: City campus

Overview

This course offers a sound education in all aspects of computing and information technology for students who intend to make a career in the profession, as well as providing a pathway to honours, postgraduate study and a research career.

The course adopts a practice-based approach to IT education. Its content is designed with a mix of theory and practice. As well as gaining strong technical skills in IT, students gain skills in problem solving, teamwork and communication. Employers look for graduates with industry experience and, in this course, students are exposed to real IT problems and apply classroom learning on the job through the Diploma in Information Technology Professional Practice.

UTS: Information Technology continues to support part-time study with some subjects offered in the evening as well as during the day.

Course aims

The course aims to produce graduates who are able to apply, in the context of any organisation, the knowledge and skills required of:

- information professionals in business units who integrate packaged systems rather then develop systems from first principles
- information technology professionals who develop systems from first principles
- network specialists who build, maintain and administer complex network systems, or
- computing specialists for technical research careers.

Career options

Career options include ICT business analyst, analyst/programmer, IT project manager, network specialist, software developer, software engineer, systems analyst or web developer.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Non-current school leavers are advised to complete the employment question on their UAC application and provide supporting statements of employment to UAC as bonus points may be awarded on the basis of relevant work experience.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.0 overall with a writing score of 6.0; or TOEFL: paper based: 500-549 overall with TWE of 4.5, internet based: 60-78 overall with a writing score of 21; or DEEP: C; or PTE: 50-57; or CAE: 52-57

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian

student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics and any two units of English.

Mathematics Extension 1 and English Advanced are recommended.

External articulation

Students who gain entry through the UTS INSEARCH pathway are eligible for 48 credit points of credit recognition. Students who have completed a relevant diploma at TAFE NSW may be eligible for at least 24 credit points of credit recognition. There are also articulations with this course with institutions in China, Hong Kong, Malaysia and Singapore. Details are available from the Building 10 Student Centre.

Credit recognition

Students who have previously undertaken study at a university or other recognised tertiary education institution may be eligible for some academic credit for their prior study if the subjects previously completed are deemed by the Faculty of Engineering and Information Technology to be equivalent to subjects in the course.

The prior study must have been completed before commencement of this course, but no earlier than three years before commencement. Students must be able to demonstrate that their knowledge is current.

Credit recognition is not normally granted in this course for study completed at a private college except where UTS has an external articulation agreement with the college. TAFE IT diplomas and advanced diplomas completed within three years of enrolment may be granted some credit recognition. For further details see:

www.it.uts.edu.au/courses/undergraduate/credit-recognition.html

There are no exemptions granted for the networking subjects 31270, 31277 and 31283 without the successful completion of the challenge test for each of the these subjects. A challenge test is granted at enrolment time to students who have completed the CCNA curriculum (or CCNP) at a university and/or TAFE diploma level where the awarding institution is a CISCO Networking Academy. These challenge tests are always held in the week before the commencement of semester.

Course duration and attendance

The course is completed in four years of full-time or six years of part-time study. It comprises six academic semesters of full-time (or equivalent part-time) study, and a period of industrial training.

A significant number of subjects are offered in the evening but some daytime attendance is required for part-time students.

To gain credit for the DipITProfPrac, students are required to obtain an approved, full-time job within the information technology industry for a minimum of nine months.

Course structure

Students are required to complete 156 credit points, comprising 48 credit points of core subjects, 48 credit points for one compulsory IT major, 48 credit points of electives and 12 credit points for the Diploma in Information Technology Professional Practice.

The 48 credit points of electives can be a combination of a second IT major, or two sub-majors, or one sub-major and four electives, or eight electives to broaden knowledge of information technology and other disciplines.

Industrial training/professional practice

The Diploma in Information Technology Professional Practice is a compulsory part of this course and incorporates a minimum of nine months' work experience and four supporting subjects at UTS. Full-time students normally undertake the diploma after completing Year 2 and after obtaining suitable full-time employment in the information technology industry. International students can work full-time for the duration of the diploma.

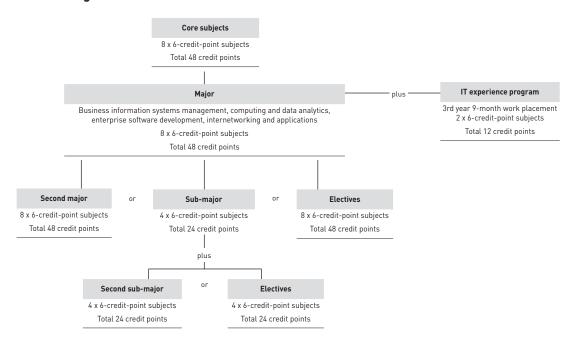
Course completion requirements

STM90380 IT Experie	ence program	12cp
	ects (Information Technology)	48cp
CBK90781 Major cho	oice (Information Technology)	48cp
CBK90782 Major/Tw	vo sub-majors/Electives	48cp
,	•	Total 156cp

6ср

6ср

Course diagram



Course program

Example full-time programs are shown below. Refer to CBK90782 for the IT majors and approved sub-majors available to students in this course. All students are required to complete one IT major.

Note: Subjects listed as electives and IT major subjects are only offered in a particular semester (or year) if there is sufficient demand and the necessary resources.

Business Information Systems Management major

				01202	- 7
Year 1				Select 12	cred
Autumn se 31265 31266	emester Communication for IT Professionals Introduction to Information Systems		6ср 6ср	Computi Year 1	ing
48023 31268	Programming Fundamentals Web Systems		6cp 6cp	Autumn s 31265	em Co
Spring ser 31269 31270	Business Requirements Modelling Networking Essentials		6ср 6ср	31266 48023 31268	In Pr W
31247	Collaborative Business Processes		6ср	Spring se	
Select 6 cre	edit points of electives		6ср	31269 31270	Bı N
Autumn se	emester			Select 12	cred
31271	Database Fundamentals		6ср	Year 2	
31257	Information System Development Methodologies		6ср	Autumn s 31271	em Da
31255		6cp	6ср	31250 35101	In In
31097	1 0	6ср	(Select 6 ca	redi
Spring ser	edit points of electives nester		6ср	Spring se 35151	mes In
31258	Innovations for Global Relationship Management		6ср	Select 6 cr 31005	redit Da
31245	Business Process and IT Strategy		6ср	31075	O
Select 12 c	redit points of electives		12cp	31256 31259	In In
Autumn se	mostor			Select 12	cred
31136	Preparation for and Review of IT Experience		6ср	Year 3	
31137	IT Experience 1		0cp	Autumn s	em
Spring ser 31138 31139	nester Review of IT Experience IT Experience 2		6ср 0ср	31136 31137	Pr IT
01107	II Experience 2		ocp.		

Year 4

31272

31276

Autumn semester

31270	Networked Enterprise Architecture		оср
Select 12 c	redit points of electives		12cp
Spring ser	nester		
31280 31282	Strategic IT Project		6cp
	Systems Testing and Quality Management		6cp
	redit points of electives		12cp
•	ng and Data Analytics major		
Year 1			
Autumn se			
31265 31266	Communication for IT Professionals Introduction to Information Systems		6ср 6ср
48023	Programming Fundamentals		6ср
31268	Web Systems		6ср
Spring ser			
31269 31270	Business Requirements Modelling Networking Essentials		6ср 6ср
	redit points of electives		12cp
Year 2	real points of electives		12cp
Autumn se 31271	emester Database Fundamentals		6ср
31250	Introduction to Data Analytics		6ср
35101	Introduction to Linear Dynamical Systems		6ср
Select 6 cre	edit points of electives		6ср
Spring ser			
35151	Introduction to Statistics		6ср
	edit points from the following options:	<i>C</i>	6ср
31005 31075	Data Mining Algorithms Object-relational Databases	6cp	
31256	Image Processing and Pattern Recognition	6ср	
31259	Intelligent Agents	6ср	
Select 12 c	redit points of electives		12cp
Year 3			
Autumn se			
31136	Preparation for and Review of IT Experience		6cp
31137	IT Experience 1		0cp

Project Management and the Professional

Networked Enterprise Architecture

	Spring semester Spring semester						
31138 31139	Review of IT Experience IT Experience 2		6ср 0ср	Select 6 c 31284	redit points from the following options: Web Services Development	6 000	6ср
Year 4	-		-	48433 Software Architecture 6cp			
Autumn s	emester			31075 31335		6ср 6ср	
31272	Project Management and the Professional		6ср	31927	Application Development with .NET	6ср	
41004	Analytics Capstone Project		6ср	31242 41005	Advanced Internet Programming Cloud-based Enterprise Application	6ср	
Select 6 ci 31256	redit points from the following options: Image Processing and Pattern Recognition	6ср	6ср	41005		6ср	
31000	e-Business Trading	6ср		Select 18	credit points of electives		18cp
31050 31253	Programming with Patterns Database Programming	6cp 6cp		Internet	working and Applications major		
Select 6 ca	redit points of electives	•	6ср	Year 1			
Spring se	mester			Autumn	semester		
Select 12	credit points from the following options:		12cp	31265	Communication for IT Professionals		6ср
31243	Analytics Capstone Project B	6ср	-	31266 48023	Introduction to Information Systems Programming Fundamentals		6ср 6ср
31259 31005	Intelligent Agents Data Mining Algorithms	6cp 6cp		31268	Web Systems		6ср
31075	Object-relational Databases	6cp		Spring se	emester		-
31256	Image Processing and Pattern Recognition	6ср		31269	Business Requirements Modelling		6ср
Select 12	credit points of electives		12cp	31270	Networking Essentials		6ср
Enterpri	se Systems Development major			Select 12	credit points of electives		12cp
Year 1				Year 2			
Autumn s	emester				semester		
31265	Communication for IT Professionals		6ср	31271 31284	Database Fundamentals Web Services Development		6cp
31266	Introduction to Information Systems		6ср	31277	Routing and Internetworks		6ср 6ср
48023 31268	Programming Fundamentals Web Systems		6ср 6ср		redit points of electives		6ср
Spring se	-		1	Spring se	•		
31269	Business Requirements Modelling		6ср	31275	Mobile Networking		6ср
31270	Networking Essentials		6ср	31246	Network Design		6ср
48024	Applications Programming		6ср	Select 12	credit points of electives		12cp
	redit points of electives		6ср	Year 3			
Year 2				Autumn	semester		
Autumn s				31136	Preparation for and Review of IT Experience		6ср
31271 31251	Data Structures and Algorithms		6cp	31137	IT Experience 1		0cp
31260	Data Structures and Algorithms Interface Design		6ср 6ср	Spring se			
Select 6 cr	redit points of electives		6ср	31138 31139	Review of IT Experience IT Experience 2		6ср 0ср
Spring se	•		1	Year 4	Tr Essperionee 2		ocp
48440	Software Engineering Practice		6ср		comoctor		
31281	Systems Development Project		12cp	31272	semester Project Management and the Professional		6ср
Select 6 ca	redit points of electives		6ср	31261	Internetworking Project		6ср
Year 3					redit points from the following options:	_	6ср
Autumn s				31283 48024		6ср 6ср	
31136 31137	Preparation for and Review of IT Experience	9	6cp	31254		бср бср	
	IT Experience 1		0ср	31274	Network Management	6ср	
Spring se			600	31748 31285		6ср 6ср	
31138 31139	Review of IT Experience IT Experience 2		6ср 0ср		redit points of electives	оср	6ср
Year 4	-		-	Spring se	÷		оср
Autumn s	emester			31252	Network Security		6ср
31272	Project Management and the Professional		6ср	Select 6 c	redit points from the following options:		6ср
Select 6 cr	redit points from the following options:		6ср	31283	WANs and Virtual LANs	6ср	Т
31284	Web Services Development	6ср	1	31285		6cp	
31253 31100	Database Programming Enterprise Dayslopment with NET	6cp		31242 31338		6ср 6ср	
31777	Enterprise Development with .NET Human-Computer Interaction	6cp			credit points of electives	Г	12cp
41001	Cloud Computing and Software as	_			•		c _F ′
a Service 6cp Levels of aw						, .	
Select 12	credit points of electives		12cp		elor of Science in Information Technology may be stinction, credit or pass.	e awa	arded

Honours

Students interested in research and who excel in their studies are eligible to undertake one additional full-time year of study in the Bachelor of Science (Honours) in Information Technology (C09019) (see page 111) program. The honours year is also available on a parttime basis over two years.

Professional recognition

Graduates are eligible for professional-level membership of the Australian Computer Society.

Other information

Further information is available from:

Building 10 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10155v8 Bachelor of Mathematics and Finance

Award(s): Bachelor of Mathematics and Finance (BMathFin)

UAC code: 609040 CRICOS code: 008671G

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Note(s)

For international students, mid-year (July/August) intake may be considered on a case-by-case basis by the faculty.

Overview

In the years since deregulation of the Australian financial system there have been many sweeping changes and a considerable increase in the financial and economic activity of many Australian corporations. During this same period the use of sophisticated quantitative techniques in a variety of areas within the operations of major financial institutions has become the norm. As a consequence, there is a demonstrated and continuing demand for graduates trained in both mathematics and finance. To meet this need the School of Mathematical Sciences in UTS: Science and the School of Finance and Economics in UTS: Business jointly offer this course.

Mathematical techniques are increasingly important for risk assessment and the optimisation of financial plans, and there is a corresponding demand for highly skilled graduates in these areas. Financial institutions, large corporations and government instrumentalities seek graduates of this course to take up rewarding positions in quantitative and financial analysis.

Career options

Career options include stock market analysis, providing advice on portfolio management, option pricing, prediction of movements in international money markets and financial risk management. Major employers of graduates include banks, insurance companies, superannuation providers, government regulatory bodies such as APRA and ASIC, and other major financial bodies.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics and English.

HSC Mathematics Extension 1 is recommended.

Course duration and attendance

The degree is offered full time over three years or part time over six years.

Course structure

This course comprises 144 credit points of study.

Course completion requirements

22107	Accounting for Business Decisions A		6ср
23115	Economics for Business		6ср
35101	Introduction to Linear Dynamical Systems		
35151	Introduction to Statistics		6cp
25300	Fundamentals of Business Finance		6ср 6ср
35102	Introduction to Analysis and Multivariable		оср
33102	Calculus		6an
35140			6cp
25556	Introduction to Quantitative Management		6cp
	The Financial System Advanced Calculus		6cp
35232			6cp
35212	Computational Linear Algebra		6cp
25503	Investment Analysis		6ср
Select one	of the following:		6ср
25410	Corporate Financial Analysis		1
	(Capstone)	6ср	
25558	Issues in Corporate Finance	6ср	
25421		6ср	
35241	Optimisation in Quantitative Management	1	6ср
35252	Mathematical Statistics		6ср
25620	Derivative Securities		6cp
35231	Differential Equations		6cp
35363	Stochastic Models		6ср
35353	Regression Analysis		6ср
25606	Financial Time Series		6cp
35361	Stochastic Processes		6cp
22207	Accounting for Business Decisions B		6ср
25557	Corporate Finance: Theory and Practice		6ср
23566	Economics for Business 2		6ср
CBK90821			6ср
	1	Total 1	
			P

Course program

The program shown assumes full-time attendance, commencing in Autumn semester.

Year 1

35101

Autumn semester

35151	Introduction to Statistics	6ср
22107	Accounting for Business Decisions A	6ср
23115	Economics for Business	6ср
Spring se	emester	
35140	Introduction to Quantitative Management	6ср
35102	Introduction to Analysis and Multivariable	

Accounting for Business Decisions B

Fundamentals of Business Finance

Introduction to Linear Dynamical Systems

25300 Year 2

22207

Autumn semester

Calculus

35212	Computational Linear Algebra	6ср		
35241	Optimisation in Quantitative Management	6cp		
35363	Stochastic Models	6cp		
25556	The Financial System	6ср		
Spring semester				

Spring semester			
35231	Differential Equations	6ср	
35353	Regression Analysis	6ср	
23556	Economics for Business 2	6ср	
25503	Investment Analysis	6ср	

Year 3

Autumn semester

35252	Mathematical Statistics	6cp
35232	Advanced Calculus	6cp
25620	Derivative Securities	6cp
25557	Corporate Finance: Theory and Practice	6cp

6cp

Spring semester

Select	one of the following:		6ср
35342	Nonlinear Methods in Quantitative		_
	Management	6ср	
35335	Mathematical Methods	6ср	
35391	Seminar (Mathematics)	6ср	
35361	Stochastic Processes	-	6ср
25606	Financial Time Series		6ср
Select 6 cre	edit points from the following options:		6ср
25410	Corporate Financial Analysis		
	(Capstone)	6ср	
25421	International Financial Management	6ср	
25558	Issues in Corporate Finance	6cp	

Honours

The Bachelor of Mathematics and Finance (Honours) (C09021) (see page 113) is available to eligible students with an additional one year of full-time study.

Other information

Further information is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10157v5 Bachelor of Mathematics and Finance Bachelor of Arts in International Studies

Award(s): Bachelor of Mathematics and Finance (BMathFin)

Bachelor of Arts in International Studies (BA)

UAC code: 609220 CRICOS code: 026197A

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Note(s)

For international students, mid-year (July/August) intake may be considered on a case-by-case basis by the faculty.

Overview

This course integrates studies in mathematics and finance with a major in the language and culture of another country. Students undertake an integrated sequence of study in mathematics, statistics, finance, economics and accounting.

The course provides sound training in both the traditional theory of finance and the mathematical aspects of modern portfolio management techniques. Graduates find interesting and rewarding employment in quantitative and financial analysis in major financial institutions such as banks, insurance companies and government instrumentalities

With one year of international experience gained from studying and living overseas, graduates find it easier to adapt and work overseas or in Australia.

Career options

Career options include positions in derivative pricing and risk management, portfolio management, stock market analysis, and other areas of high responsibility and high reward in the finance industry.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Admission to the combined degree is on merit according to the admissions policy for the Bachelor of Mathematics and Finance (C10155) (see page 199). There is a range of entry levels to the various language and culture programs. Students are admitted to the international studies program with no guarantee of entry to a specific major, although every effort is made to meet students' preferences.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

There are no prior language requirements for the international studies program (see page 87).

Course duration and attendance

The combined degree is available only on a full-time basis over five years. Students spend two semesters of study at a university or other higher education institution in the country of their major.

Course structure

Students are required to complete 240 credit points, comprising 144 credit points in mathematics and finance and 96 credit points in international studies. The mathematics and finance component of the course includes an integrated sequence of subjects in mathematics, statistics, finance, economics and accounting. The Bachelor of Arts in International Studies requires undergraduates to study a region or country major over a minimum of three years. The Bachelor of Arts in International Studies is not offered as a separate degree, but is completed only in combination with the professional degree program. Graduation from the mathematics and finance component of the combined degree is not possible prior to completion of all components

Graduation from the mathematics and finance component of the combined degree is not possible prior to completion of all components of the combined degree. Students wishing to graduate with a Bachelor of Mathematics and Finance prior to completion of the international studies component of the combined degree must apply for transfer to the Bachelor of Mathematics and Finance (C10155) (see page 199) single degree program where they must complete all requirements for the stand-alone single degree.

Overseas study

Students spend their fourth year of study at a university overseas.

Course completion requirements

Course (completion requirements		
22107	Accounting for Business Decisions A		6ср
23115	Economics for Business		6ср
35101	Introduction to Linear Dynamical Systems		6ср
35151	Introduction to Statistics		6ср
25300	Fundamentals of Business Finance		6ср
35102	Introduction to Analysis and Multivariable		_
	Calculus		6ср
35140	Introduction to Quantitative Management		6ср
25556	The Financial System		6ср
35232	Advanced Calculus		6ср
35212	Computational Linear Algebra		6ср
25503	Investment Analysis		6ср
Select one	of the following:		6ср
25410	Corporate Financial Analysis		
	(Capstone)	6ср	
25558	Issues in Corporate Finance	6ср	
25421	International Financial Management	6ср	
35241	Optimisation in Quantitative Management		6ср
35252	Mathematical Statistics		6ср
25620	Derivative Securities		6ср
35231	Differential Equations		6ср
35363	Stochastic Models		6ср
35353	Regression Analysis		6ср
25606	Financial Time Series		6ср
35361	Stochastic Processes		6ср
CBK90821			6ср
	Country major choice		96cp
22207	Accounting for Business Decisions B		6ср
25557	Corporate Finance: Theory and Practice		6ср
23566	Economics for Business 2		6ср
		Total 2	240cp

Course program

The example program shown is for a full-time student who has chosen the Germany major as the international studies major. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major.

Year 1		
Autumn semester 35101 Introduction to Linear Dynamical Systems 35151 Introduction to Statistics 22107 Accounting for Business Decisions A 23115 Economics for Business		6cp 6cp 6cp 6cp
Spring semester		
35140 Introduction to Quantitative Management 35102 Introduction to Analysis and Multivariable Calculus		6ср 6ср
22207 Accounting for Business Decisions B 25300 Fundamentals of Business Finance		6cp 6cp
Year 2		
Autumn semester		0
97601 German Language and Culture 1 35212 Computational Linear Algebra 35241 Optimisation in Quantitative Management 35363 Stochastic Models		8cp 6cp 6cp 6cp
Spring semester		0
97602 German Language and Culture 2 35353 Regression Analysis		8cp 6cp
23566 Economics for Business 2 35231 Differential Equations		6cp 6cp
Year 3		оср
Autumn semester		
97603 German Language and Culture 3		8ср
976001 Foundations in International Studies 25556 The Financial System		8ср 6ср
Spring semester 97604 German Language and Culture 4		9 cm
97604 German Language and Culture 4 976421 Contemporary Germany 25503 Investment Analysis		8cp 8cp 6cp
Year 4		
Autumn semester		
977420 In-country Study 1: Germany		24cp
Spring semester 978420 In-country Study 2: Germany		24cp
Year 5		
Autumn semester		
35252 Mathematical Statistics 35232 Advanced Calculus		6ср 6ср
Derivative SecuritiesCorporate Finance: Theory and Practice		6ср
Spring semester		6ср
Select one of the following:		6ср
35342 Nonlinear Methods in Quantitative Management	6ср	оср
35335 Mathematical Methods 35391 Seminar (Mathematics)	6ср 6ср	
35361 Stochastic Processes 25606 Financial Time Series	оср	6ср 6ср
Select 6 credit points from the following options: 25410 Corporate Financial Analysis		6ср
(Capstone) 25421 International Financial Management 25558 Issues in Corporate Finance	6cp 6cp 6cp	

Honours

An honours degree, leading to the qualification of Bachelor of Mathematics and Finance (Honours) (C09021) (see page 113) and requiring an additional year of full-time study, is available.

Other information

Further information on the mathematics and finance component is available from the UTS Student Centre on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Further information on the international studies component is available from the Building 1 Student Centre on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.internationalstudies.uts.edu.au

C10158v4 Bachelor of Mathematics and Computing

Award(s): Bachelor of Mathematics and Computing (BMathComp)

UAC code: 609045 CRICOS code: 029389B

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

For international students, mid-year (July/August) intake may be considered on a case-by-case basis by the faculty.

Overview

This course is designed to meet the increasing industry need for graduates with both computational and analytical skills. It offers the prospect of careers that require a sound knowledge of computing together with the ability to analyse and model practical situations.

Mathematical and computational techniques are increasingly important for commercial, industrial and governmental activities and there is a corresponding demand for highly skilled graduates in these areas.

Career options

Career options include data mining, database design, market research, programming, software development, systems analysis, and positions in analytics, computational modelling, scheduling and logistics, statistical analysis and survey design.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances

Assumed knowledge

Mathematics and English.

HSC Mathematics Extension 1 is recommended.

Course duration and attendance

Students can complete the course over three years full time. Full-time attendance involves approximately 16 hours each week on campus. Students may also be able to complete the course in part-time mode, usually at the rate of two subjects a semester (a 50 per cent load), taking six years to complete. Part-time students are required to attend some sessions in daytime hours.

Course	structure			Spring se			6
The course comprises 144 credit points made up of 72 credit points mathematics core subjects and 48 credit points of informa			35231 31272	Differential Equations Project Management and the Professional		6ср 6ср	
technology core subjects, plus a 24-credit-point infort technology sub-major.					eredit points from the following options:	600	6ср
technolog	,y 3ub-11tajo1.			35322 35335	Advanced Analysis Mathematical Methods	6ср 6ср	
	completion requirements			35340	Quantitative Management Practice	6ср	
	1 Core subjects (Information Technology)		48cp	35342	Nonlinear Methods in Quantitative	1	
	4 Mathematics foundation subjects		72cp		Management	6ср	
CDK9037	3 Sub-major choice	Total 14	24cp 44cp	35344	Network and Combinatorial Optimisation	6cp	
		Total 1	ПСР	35355 35361	Quality Control Stochastic Processes	6ср 6ср	
Course	program			35391	Seminar (Mathematics)	6ср	
The programmer Autumn	ram shown assumes full-time attendance, con semester.	nmencin	ng in	35393	Seminar (Statistics)	6ср	_
Semeste	ers 1-2 common subjects			Year 2	ers 3-6 Enterprise System Development	majo	r
Year 1					comostor		
Autumn s	semester			31269	semester Business Requirements Modelling		6cn
35101	Introduction to Linear Dynamical Systems		6ср	31270	Networking Essentials		6ср 6ср
35140	Introduction to Quantitative Management		6cp	35212	Computational Linear Algebra		6cp
31265	Communication for IT Professionals		6ср	35363	Stochastic Models		6ср
31266	Introduction to Information Systems		6ср	Spring se	emester		
Spring se	mester			35111	Applications of Discrete Mathematics		6ср
35102	Introduction to Analysis and Multivariable			31271	Database Fundamentals		6ср
0=4=4	Calculus		6cp	35353	Regression Analysis		6cp
35151 48023	Introduction to Statistics Programming Fundamentals		6cp	48024	Applications Programming		6ср
31268	Web Systems		6ср 6ср	Year 3			
Semeste	ers 3-6 Business Information Systems			Autumn	or Spring semester		
	ment major				credit points from the following options:		12cp
•	•			48433	Software Architecture	6cp	
Year 2				31253 48440	Database Programming Software Engineering Practice	6ср 6ср	
Autumn s				31251	Data Structures and Algorithms	6ср	
31269	Business Requirements Modelling		6ср	_	semester	···r	
31270 35212	Networking Essentials Computational Linear Algebra		6ср 6ср	35383	High Performance Computing		6ср
35363	Stochastic Models		6ср	31260	Interface Design		6ср
Spring se	mester		1		credit points from the following options:		6ср
35111	Applications of Discrete Mathematics		6ср	35252	Mathematical Statistics	6ср	оср
31271	Database Fundamentals		6ср	35356	Design and Analysis of Experiments	6cp	
35353	Regression Analysis		6ср	35232	Advanced Calculus	6cp	
Select 6 c	redit points from the following options:		6ср	35241	Optimisation in Quantitative Management	6ср	
	Information System Development		···I	Spring se	emester		
	Methodologies	6ср		35231	Differential Equations		6ср
31255	Finance and IT	6cp		31272	Project Management and the Professional		6ср
31247 31245	Collaborative Business Processes Business Process and IT Strategy	6ср 6ср			credit points from the following options:		6ср
31258	Innovations for Global Relationship	оср		35322	Advanced Analysis	6cp	
	Management	6ср		35335 35340	Mathematical Methods Quantitative Management Practice	6ср 6ср	
31276	Networked Enterprise Architecture	6ср		35342	Nonlinear Methods in Quantitative	оср	
31282	Systems Testing and Quality Management	6ср			Management	6ср	
Year 3				35344	Network and Combinatorial Optimisation	6cp	
Autumn o	or Spring semester			35355	Quality Control	6cp	
		1	10	35361 35391	Stochastic Processes Seminar (Mathematics)	6ср 6ср	
31257	credit points from the following options: Information System Development		18ср	35393	Seminar (Statistics)	6ср	
31255	Methodologies Finance and IT	6ср 6ср		Semest	ers 3-6 Internetworking and Application	s maj	or
31247	Collaborative Business Processes	6ср		Year 2			
31245	Business Process and IT Strategy	6ср		Autumn	semester		
31258	Innovations for Global Relationship Management	6ср		31269	Business Requirements Modelling		6ср
31276	Networked Enterprise Architecture	6ср		31270	Networking Essentials		6ср
31282	Systems Testing and Quality Management	6cp		35212	Computational Linear Algebra		6ср
Autumn s	semester			35363	Stochastic Models		6ср
35383	High Performance Computing		6ср	Spring se			
Select 6 c	redit points from the following options:		6ср	35111	Applications of Discrete Mathematics		6ср
35252	Mathematical Statistics	6ср	JCP.	31271	Database Fundamentals		6cp
35356	Design and Analysis of Experiments	6cp		35353 31275	Regression Analysis Mobile Networking		6ср 6ср
35232	Advanced Calculus	6cp					J-P
35241	Optimisation in Quantitative Management	6ср					

Autumn semester Suitably qualified graduates are eligible to proceed to an additional year of advanced study in the Bachelor of Science (Honours) in 35383 High Performance Computing 6ср Mathematics (C09020) (see page 112) or the Bachelor of Science 31277 Routing and Internetworks 6ср (Honours) in Information Technology (C09019) (see page 111). Select one subject from the following: 6ср Mathematical Statistics 35252 6ср Professional recognition 35356 Design and Analysis of Experiments 6ср Graduates of this course are eligible for associate-level membership 35232 Advanced Calculus 6ср of the Australian Computer Society. 35241 6ср Optimisation in Quantitative Management Select one subject from the following: 6ср Other information 31283 WÁNs and Virtual LANs 6ср Further information is available from: 31246 Network Design 6ср **Building 6 Student Centre** 31285 Mobile Applications Development 6ср telephone 1300 ask UTS (1300 275 887) 31284 Web Services Development 6ср 31254 e-Commerce 6ср or +61 2 9514 1222 Spring semester Ask UTS www.ask.uts.edu.au 35231 **Differential Equations** 6ср 31252 Network Security 6ср C10162v4 Bachelor of Science Project Management and the Professional 31272 6ср **Bachelor of Business** Select one subject from the following: 6ср Advanced Analysis 35322 6ср Award(s): Bachelor of Science in (name of Science major) (BSc) 35335 Mathematical Methods 6ср Bachelor of Business (BBus) 35340 Quantitative Management Practice 6ср 35342 Nonlinear Methods in Quantitative UAC code: 609170 Management CRICOS code: 032310K 6ср 35344 Network and Combinatorial Optimisation 6ср Commonwealth-supported place?: Yes 35355 Quality Control 6ср Load credit points: 192 35361 Stochastic Processes 6ср Course EFTSL: 4 35391 Seminar (Mathematics) 6ср Location: City and Kuring-gai campuses 35393 Seminar (Statistics) 6ср Semesters 3-6 Computing and Data Analytics major For international students, mid-year (July/August) intake may be Year 2 considered on a case-by-case basis by the faculty. Autumn semester **Overview** 31269 **Business Requirements Modelling** 6ср This course is designed to produce graduates who are prepared for 31271 Database Fundamentals 6ср scientific practice or business and management in technical, financial, 35212 Computational Linear Algebra 6ср regulatory, environmental, health or biomedical oriented businesses, 35363 Stochastic Models 6cp industries or government departments. Students choose one of 10 Spring semester specialised science majors according to their preference. Students also have a choice of major study in the business stream. Applications of Discrete Mathematics 35111 6ср 31270 Networking Essentials 6cp Demand is growing for graduates able to cross the divide between 35353 Regression Analysis 6ср science and business. This course teaches the practical skills and 31250 Introduction to Data Analytics 6cp knowledge that employers demand, both in science and business-Year 3 related fields. Depending on the science and business majors chosen, graduates can Autumn semester work in commodity and resource trading, pharmaceutical industry, 35383 High Performance Computing 6ср as scientists in leading consumer goods companies, health services, Select one of the following: medical research, hospitals or environmental protection agencies. 6ср 31284 Web Services Development 6ср Career options 31259 Intelligent Agents 6ср Select 12 credit points from the following options: Career options include analyst, consultant, statistician, communicator, 12cp manager, marketer, researcher and scientist within government Mathematical Statistics 35252 6ср agencies, manufacturing, product development, scientific publishing, 35356 Design and Analysis of Experiments 6ср banking and finance, scientific and research organisations and large 35232 6ср Advanced Calculus corporations. 35241 Optimisation in Quantitative Management 6ср See the individual entries for the Bachelor of Science (C10242) (see Spring semester page 241) and the Bachelor of Business (C10026) (see page 131) for 35231 Differential Equations 6ср further details. 31272 Project Management and the Professional 6ср Admission requirements Select one of the following: 6ср 31259 Intelligent Agents 6ср Applicants must have completed an Australian Year 12 qualification, 31284 Web Services Development 6ср Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level. Select 6 credit points from the following options: 6ср Advanced Analysis The English proficiency requirement for international students or local 35322 6ср 35335 Mathematical Methods applicants with international qualifications is: Academic IELTS: 6.5 6cp 35340 Quantitative Management Practice overall with a writing score of 6.0; or TOEFL: paper based: 550-583 6ср Nonlinear Methods in Quantitative 35342 overall with TWE of 4.5, internet based: 79-93 overall with a writing Management score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66 6ср 35344 Network and Combinatorial Optimisation 6ср Eligibility for admission does not guarantee offer of a place. 35355 Quality Control 6ср 35361 Stochastic Processes 6ср

Honours

Year 3

6ср

6ср

Seminar (Mathematics)

Seminar (Statistics)

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics; English; and at least one science subject.

Course duration and attendance

Students can complete the course over four years full time. Full-time attendance involves approximately 16 hours each week on campus. Students may also be able to complete the course part time, usually at the rate of two subjects a semester (a 50 per cent load), taking eight years to complete. Part-time students may need to attend science classes for at least one half-day a week, in addition to evening classes.

Course structure

Students are required to complete a total of 192 credit points, comprising 96 credit points of science subjects and 96 credit points of business subjects.

In the science component, students choose one of 10 possible majors representing the major science disciplines. Refer to the entry for the Bachelor of Business (C10026) (see page 131) for the possible majors available in the business component.

Graduation from the science component of the combined degree is not possible prior to completion of all components of the combined degree. Students wishing to graduate with a Bachelor of Science prior to completion of the business component of the combined degree must apply for transfer to the Bachelor of Science (C10242) (see page 241) single degree program where they must complete all requirements for the stand-alone single degree version.

Similarly, if a student wishes to graduate from the business component of the combined degree prior to completion of the science component they must apply for transfer to the Bachelor of Business (C10026) (see page 131) single degree program where they must complete all requirements for the stand-alone single degree version.

Course completion requirements

48cp
48cp
96cp
Total 192cp

Course program

The full-time programs shown below are for each science major in combination with a Human Resource Management major.

List of majors (Science)

MAJ01079	Applied Chemistry	96cp
MAJ01080	Applied Physics	96cp
MAJ01085	Nanotechnology	96cp
MAJ01081	Biomedical Science	96cp
MAJ01114	Medical Science	96cp
MAJ01115	Biotechnology	96cp
MAJ01082	Environmental Biology	96cp
MAJ01113	Environmental Forensics	96cp
MAJ01112	Marine Biology	96cp
MAJ01116	Mathematics	96cp
list of mo	iora (Business)	

List of majors (Business)

	.,	
MAJ08437	Accounting	48cp
MAJ08438	Management	48cp
MAJ08068	Financial Services	48cp
MAJ08440	Finance	48cp
MAJ08441	Marketing	48cp
MAJ08442	International Business	48cp
MAJ08446	Human Resource Management	48cp
MAJ08116	Marketing Communication	48cp
MAJ09209	Economics	48cp

Applied Chemistry major

Year 1

Year 1		
Autumn s	emester	
22107	Accounting for Business Decisions A	6ср
26100 33190	Integrating Business Perspectives Mathematical Modelling for Science	6ср 6ср
65111	Chemistry 1	6ср
Spring ser	nester	
21129	Managing People and Organisations	6ср
24108	Marketing Foundations	6cp
33290 65212	Statistics and Mathematics for Science Chemistry 2	6ср 6ср
Year 2		ocp
Autumn so	emester Economics for Business	6an
26134	Business Statistics	6ср 6ср
65307	Physical Chemistry 1	6cp
68101	Foundations of Physics	6ср
Spring ser		
25300	Fundamentals of Business Finance	6cp
68201 65411	Physics in Action Inorganic Chemistry 1	6ср 6ср
22207	Accounting for Business Decisions B	6cp
Year 3		
Autumn se	emester	
21510	The Global Context of Management	6ср
21555	Human Resource Management	6cp
65202	Organic Chemistry 1	6ср
65410	Chemical Safety and Legislation	6ср
Spring ser		6 cm
21440 65306	Management Skills Analytical Chemistry 1	6ср 6ср
65508	Organic Chemistry 2	6cp
21036	Managing Strategic Performance	6ср
Year 4		
Autumn s	emester	
21037	Managing Employee Relations	6ср
21512	Understanding Organisations: Theory	6 cm
65409	and Practice Analytical Chemistry 2	6ср 6ср
65509	Inorganic Chemistry 2	6cp
Spring ser	nester	
21407	Strategic Human Resource Management	6ср
21505	Human Resource Management (Capstone)	6cp
65607 65606	Physical Chemistry 2 Analytical Chemistry 3	6ср 6ср
		оср
Applied I	Physics major	
Year 1		
Autumn s	emester	
22107	Accounting for Business Decisions A	6ср
26100 33190	Integrating Business Perspectives Mathematical Modelling for Science	6cp
65111	Chemistry 1	6ср 6ср
Spring ser		1
21129	Managing People and Organisations	6ср
24108	Marketing Foundations	6ср
33290 65212	Statistics and Mathematics for Science Chemistry 2	6ср 6ср
	Chemistry 2	оср
Year 2		
Autumn so		(
23115 26134	Economics for Business Business Statistics	6ср 6ср
68101	Foundations of Physics	6ср
33360	Mathematics for Physical Science	6cp
Spring ser		
25300	Fundamentals of Business Finance	6cp
68201 68070	Physics in Action Introduction to Materials	6ср 6ср
22207	A accounting for Pusings Decisions P	(

Accounting for Business Decisions B

6cp

Year 3				Year 4		
Autumn se 21510 21555 68075 68412	emester The Global Context of Management Human Resource Management Nanomaterials Energy Science and Technology		6cp 6cp 6cp 6cp	Autumn s 21512 21037	Understanding Organisations: Theory and Practice Managing Employee Relations	6cp 6cp
Spring ser 21440 68315 68413 21036	nester Management Skills Imaging Science Quantum Physics Managing Strategic Performance		6cp 6cp 6cp 6cp	91335 91338 91344 91358 91359	credit points from the following options: Molecular Biology 2 6cl Clinical Bacteriology 6cl Medical and Diagnostic Biochemistry 6cl Advanced Haematology 6cl Advanced Immunology 6cl	
Year 4				Spring se	mester	
Autumn se 21512	emester Understanding Organisations: Theory			21407 21505	Strategic Human Resource Management Human Resource Management (Capstone)	6ср 6ср
21037	and Practice Managing Employee Relations		6ср 6ср	Select 12 o 91129 91345	credit points from the following options: Transfusion Science 6cj Biochemistry, Genes and Disease 6cj	
Select 68316 68416		6ср 6ср	6ср	91352 91402	Parasitology 6cp Anatomical Pathology 6cp	5
68606	Solid-state Science and Nanodevices	_	6ср	Biotechn	nology major	
Spring ser 21407 21505	Strategic Human Resource Management Human Resource Management (Capstone)		6cp 6cp	Year 1 Autumn s 22107	semester Accounting for Business Decisions A	6ср
68320 68414 68415	redit points from the following options: Scanning Probe and Electron Microscopy Advanced Mechanics Measurement and Analysis of Physical	6cp 6cp	12cp	26100 91161 65111 Spring se	Integrating Business Perspectives Cell Biology and Genetics Chemistry 1	6ср 6ср 6ср
68513	Processes Optics and Nanophotonics	6ср 6ср		21129	Managing People and Organisations	6ср
	al Science major	T		24108 91400	Marketing Foundations Human Anatomy and Physiology	6ср
Year 1	at Science major			65212	Chemistry 2	6ср 6ср
Autumn se	emester			Year 2		
22107 26100 91161 65111	Accounting for Business Decisions A Integrating Business Perspectives Cell Biology and Genetics Chemistry 1		6cp 6cp 6cp 6cp	Autumn s 23115 26134 91320 91314	Economics for Business Business Statistics Metabolic Biochemistry General Microbiology	6cp 6cp 6cp
Spring ser 21129 24108 91400 65212 Year 2	Managing People and Organisations Marketing Foundations Human Anatomy and Physiology Chemistry 2		6cp 6cp 6cp 6cp	Spring se 25300 91132 91330 22207	o.	6cp 6cp 6cp 6cp
Autumn se	emester			Year 3		
23115 26134 91314 91320 Spring ser	Economics for Business Business Statistics General Microbiology Metabolic Biochemistry		6cp 6cp 6cp 6cp	Autumn s 21510 21555 91142 91703	semester The Global Context of Management Human Resource Management Biotechnology Physiological Systems	6cp 6cp 6cp 6cp
25300 91132 91330 22207	Fundamentals of Business Finance Molecular Biology 1 Epidemiology and Public Health Microbiolo Accounting for Business Decisions B	gy	6cp 6cp 6cp 6cp	Spring se 21440 91326 91401 21036	mester Management Skills Analytical Biochemistry Introductory Haematology and Immunology Managing Strategic Performance	6cp 6cp 6cp
Year 3					Managing Strategic Fertormance	6ср
Autumn se 21510 21555 91500	emester The Global Context of Management Human Resource Management Histology		6cp 6cp 6cp	Year 4 Autumn s 21512	Understanding Organisations: Theory and Practice	6cp
Select 91703 91142		6ср 6ср	6ср	91359		
Spring ser 21440 91326	nester Management Skills Analytical Biochemistry		6ср 6ср	91339 91369 Spring se	Biobusiness and Environmental Biotechnology	о 6ср
91401 21036	Introductory Haematology and Immunology Managing Strategic Performance	y	6cp 6cp	21407 21505 91368 91144	Strategic Human Resource Management Human Resource Management (Capstone) Bioreactors and Bioprocessing Plant Biotechnology	6cp 6cp 6cp 6cp

Environr	nental Biology major			Year 2			
Year 1				Autumn s	emester		
Autumn s	emester			23115	Economics for Business		6cp
22107	Accounting for Business Decisions A		6ср	26134 91110	Business Statistics Experimental Design and Sampling		6ср 6ср
26100	Integrating Business Perspectives		6cp	91154	Ecology		6ср
91107	The Biosphere		6ср	Spring se	0.		- 1
65111	Chemistry 1		6ср	25300	Fundamentals of Business Finance		6ср
Spring se				91159	Environmental Forensics		6ср
21129 24108	Managing People and Organisations Marketing Foundations		6cp	65621	Environmental Chemistry		6ср
91123	Biocomplexity		6ср 6ср	22207	Accounting for Business Decisions B		6ср
65212	Chemistry 2		6cp	Year 3			
Year 2				Autumn s			
Autumn s	emester			21510 21555	The Global Context of Management		6cp
23115	Economics for Business		6ср	91161	Human Resource Management Cell Biology and Genetics		6ср 6ср
26134	Business Statistics		6cp	33116	Statistical Design and Analysis		6ср
91110 91154	Experimental Design and Sampling Ecology		6cp	Spring se	mester		_
	0.		6ср	21440	Management Skills		6ср
Spring se 25300	Fundamentals of Business Finance		600	91145	Environmental Protection and Management		6ср
91363	Animal Behaviour and Physiology		6ср 6ср	Selec	t one of the following:		6ср
91270	Plant Physiology and Ecophysiology		6ср	9137) Semi-arid Ecology (6ср	1
22207	Accounting for Business Decisions B		6cp	9137	6)	6ср	
Year 3				65242 91163		6ср 6ср	
Autumn s	emester			21036	Managing Strategic Performance	o e p	6ср
21510	The Global Context of Management		6ср	Year 4			•
21555	Human Resource Management		6cp				
91161	Cell Biology and Genetics		6ср	Autumn s			
33116	Statistical Design and Analysis		6ср	21512	Understanding Organisations: Theory and Practice		6ср
Spring se				21037	Managing Employee Relations		6ср
21440 91145	Management Skills		6cp	79004	Environmental Law and Science		6ср
	Environmental Protection and Management		6ср	91121	Aquatic Ecology		6ср
91370	t one of the following:)	6cn	6ср	Spring se			
9137		6ср 6ср		21407 21505	Strategic Human Resource Management Human Resource Management (Capstone)		6cp
91163	Alpine and Lowland Ecology	6cp		79023	Environmental Forensic Law		6ср 6ср
21036	Managing Strategic Performance		6ср	Select 6 cr	edit points from the following options:		6ср
Year 4				91155		6ср	оср
Autumn s	emester			91370	Semi-arid Ecology	6ср	
21512	Understanding Organisations: Theory			91371 91163		6cp	
	and Practice		6cp	91103	Alpine and Lowland Ecology	6ср	
21037 91309	Managing Employee Relations Biodiversity Conservation		6ср 6ср	Marine E	Biology major		
	,		•	Year 1			
9112	t one of the following: I Aquatic Ecology	6ср	6ср	Autumn s	emester		
91116		6ср		22107	Accounting for Business Decisions A		6ср
Spring se	mester	-		26100	Integrating Business Perspectives		6ср
21407	Strategic Human Resource Management		6ср	91107	The Biosphere		6cp
21505	Human Resource Management (Capstone)		6cp	65111	Chemistry 1		6ср
Select 12 o	credit points from the following options:		12cp	Spring se			,
91155	Stream and Lake Assessment	6ср	•	21129 24108	Managing People and Organisations Marketing Foundations		6cp
91370 91371	Semi-arid Ecology	6cp		91123	Biocomplexity		6ср 6ср
91163	Forest and Mountain Ecology Alpine and Lowland Ecology	6ср 6ср		65212	Chemistry 2		6cp
Environr	nental Forensics major	1		Year 2			
Year 1				Autumn s	emester		
_				23115	Economics for Business		6cp
Autumn s			C	26134 91110	Business Statistics Experimental Design and Sampling		6cp
22107 26100	Accounting for Business Decisions A Integrating Business Perspectives		6cp	91110	Experimental Design and Sampling Ecology		6ср 6ср
91107	The Biosphere		6ср 6ср	Spring se	0.		- CP
65111 Chemistry 1 6cp				25300	Fundamentals of Business Finance		6ср
Spring se	mester			91157	Marine Communities		6ср
21129	Managing People and Organisations		6ср	91270	Plant Physiology and Ecophysiology		6ср
24108	Marketing Foundations		6cp	22207	Accounting for Business Decisions B		6ср
91123 65212	Biocomplexity Chemistry 2		6ср 6ср				
	<i>y</i>		F				

Year 3				Year 4			
Autumn se	emester			Autumn s	emester		
21510	The Global Context of Management		6ср	21512	Understanding Organisations: Theory		
21555	Human Resource Management		6ср	21027	and Practice		6cp
91161 33116	Cell Biology and Genetics Statistical Design and Analysis		6ср 6ср	21037 35232	Managing Employee Relations Advanced Calculus		6ср 6ср
			оср				-
Spring ser 21440	Management Skills		6cn	35252	edit points from the following options: Mathematical Statistics	6ср	6ср
91145	Environmental Protection and Management		6ср 6ср	35356	Design and Analysis of Experiments	6ср	
91126	Coral Reef Ecosystems		6ср	35383	High Performance Computing	6ср	
21036	Managing Strategic Performance		6ср	Spring se	mester		
Year 4				21407	Strategic Human Resource Management		6ср
Autumn se	emester			21505	Human Resource Management (Capstone)		6ср
21037	Managing Employee Relations		6ср		credit points from the following options:		12cp
21512	Understanding Organisations: Theory		1	35322 35335	Advanced Analysis Mathematical Methods	6cp	
01110	and Practice		6ср	35340	Quantitative Management Practice	6ср 6ср	
91118	Fisheries Resources		6ср	35342	Nonlinear Methods in Quantitative	оср	
	one of the following:	(6ср		Management	6cp	
91120 66513	U	6ср 6ср		35344 35355	Network and Combinatorial Optimisation Quality Control	6cp	
		оср		35361	Stochastic Processes	6ср 6ср	
Spring ser 21407			6an	35391	Seminar (Mathematics)	6cp	
21505	Strategic Human Resource Management Human Resource Management (Capstone)		6ср 6ср	35393	Seminar (Statistics)	6ср	
91156	Marine Primary Producers		6cp	Medical	Science major		
Mathema	tics major			Year 1			
Year 1				Autumn s	emester		
Autumn se	emester			22107	Accounting for Business Decisions A		6cp
22107	Accounting for Business Decisions A		6ср	26100	Integrating Business Perspectives		6cp
26100	Integrating Business Perspectives		6ср	91161 65111	Cell Biology and Genetics Chemistry 1		6ср 6ср
35101 35151	Introduction to Linear Dynamical Systems Introduction to Statistics		6cp		•		ocp
			6ср	Spring se 21129	Managing People and Organisations		6ср
Spring ser			(24108	Marketing Foundations		6ср
21129 24108	Managing People and Organisations Marketing Foundations		6ср 6ср	91400	Human Anatomy and Physiology		6ср
35102	Introduction to Analysis and Multivariable		оср	65212	Chemistry 2		6ср
	Calculus		6ср	Year 2			
35100 Introduction to Sample Surveys			6ср	Autumn s	emester		
Year 2				23115	Economics for Business		6ср
Autumn se	emester			26134	Business Statistics		6cp
23115	Economics for Business		6ср	91703	Physiological Systems General Microbiology		6cp
26134	Business Statistics		6ср	91314	07		6ср
35140 35212	Introduction to Quantitative Management		6cp	Spring se			
	Computational Linear Algebra		6ср	25300 68041	Fundamentals of Business Finance Physical Aspects of Nature		6cp 6cp
Spring ser			,	22207	Accounting for Business Decisions B		6ср
25300 35353	Fundamentals of Business Finance Regression Analysis		6ср 6ср	91239	Human Pathophysiology		6cp
35111	Applications of Discrete Mathematics		6ср	Year 3			
22207	Accounting for Business Decisions B		6ср	Autumn s	omostor		
Year 3				21510	The Global Context of Management		6ср
Autumn se	emester			21555	Human Resource Management		6ср
21510	The Global Context of Management		6ср	91707	Pharmacology 1		6ср
21555	Human Resource Management		6ср	91320	Metabolic Biochemistry		6ср
35363	Stochastic Models		6ср	Spring se	mester		
35241	Optimisation in Quantitative Management		6ср	21440	Management Skills		6cp
Spring ser	nester			21036 91705	Managing Strategic Performance Medical Devices and Diagnostics		6cp
21440	Management Skills		6ср		<u>g</u>		6ср
35231 21036	Differential Equations Managing Strategic Performance		6cp		edit points from the following options:	6an	6ср
	0 0 0		6cp	91132 91330	Molecular Biology 1 Epidemiology and Public Health	6ср	
Select 6 cre 35322	edit points from the following options: Advanced Analysis	6ср	6ср		Microbiology	6ср	
35335	Mathematical Methods	6ср		91401	Introductory Haematology and	_	
35340	Quantitative Management Practice	6cp			Immunology	6ср	
35342	Nonlinear Methods in Quantitative	,					
35344	Management Network and Combinatorial Optimisation	6cp					
35355	Network and Combinatorial Optimisation Quality Control	6ср 6ср					
35361	Stochastic Processes	6cp					
35391	Seminar (Mathematics)	6ср					
35393	Seminar (Statistics)	6ср					

Year 4 **Honours** Autumn semester An honours program in each science discipline is available to eligible students. 21037 Managing Employee Relations 6ср Understanding Organisations: Theory 21512 Transfer between UTS courses and Practice 6ср 91706 Neuroscience There is provision for students already enrolled in a Bachelor of 6ср Science or a Bachelor of Business degree to transfer to this combined Select 6 credit points from the following options: 6ср degree program, provided they meet the entry requirement for the 91335 Molecular Biology 2 6ср combined degree 91338 Clinical Bacteriology 6ср Students wishing to transfer from the combined degree program to the 91344 Medical and Diagnostic Biochemistry 6ср Advanced Haematology Bachelor of Business (C10026) (see page 131) single degree program, 91358 6ср and whose ATAR is less than the current entry rank for the Bachelor of 91359 Advanced Immunology Business, are required to apply for admission through the Universities Spring semester Admissions Centre in the non-current school leaver category. 21407 Strategic Human Resource Management 6cp 21505 Human Resource Management (Capstone) 6ср Professional recognition 91708 Medical and Applied Physiology 6ср Depending on disciplines chosen, students may be eligible for entry 91709 Pharmacology 2 6ср to the relevant professional associations. Nanotechnology major Other information Year 1 Further information is available from: Autumn semester **UTS Student Centre** Accounting for Business Decisions A 22107 6cp telephone 1300 ask UTS (1300 275 887) 26100 Integrating Business Perspectives 6ср or +61 2 9514 1222 33190 Mathematical Modelling for Science 6ср Ask UTS www.ask.uts.edu.au 65111 Chemistry 1 6ср Spring semester C10163v4 Bachelor of Medical 21129 Managing People and Organisations 6ср 24108 Marketing Foundations 6ср Science Bachelor of Business 33290 Statistics and Mathematics for Science 6ср 65212 Chemistry 2 6ср Award(s): Bachelor of Medical Science (BMedSc) Bachelor of Business (BBus) Year 2 UAC code: 609175 Autumn semester CRICOS code: 040712C 23115 Economics for Business 6ср Commonwealth-supported place?: Yes 26134 **Business Statistics** 6ср Load credit points: 192 68101 Foundations of Physics 6ср Course EFTSL: 4 33360 Mathematics for Physical Science 6ср Location: City and Kuring-gai campuses Spring semester 25300 Fundamentals of Business Finance 6ср Note(s) 6ср 68201 Physics in Action For international students, mid-year (July/August) intake may be 68070 Introduction to Materials 6ср considered on a case-by-case basis by the faculty. Accounting for Business Decisions B 22207 6ср Overview Year 3 This course is designed to produce graduates who are prepared for Autumn semester scientific practice or business and management in health and medical 21510 The Global Context of Management 6ср businesses or institutions. 21555 Human Resource Management 6ср The course offers opportunities in the growth area of health services 68075 Nanomaterials 6ср and management. 65307 Physical Chemistry 1 6ср Spring semester Career options Management Skills 21440 6ср Career options include health services and management in Managing Strategic Performance Imaging Science 21036 6ср government, hospitals, industry and medical research organisations. 68315 6cp 68413 Quantum Physics 6ср Admission requirements Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Autumn semester Australian or overseas qualification at the required level. 21512 Understanding Organisations: Theory The English proficiency requirement for international students or local and Practice 6ср applicants with international qualifications is: Academic IELTS: 6.5 21037 Managing Employee Relations 6ср overall with a writing score of 6.0; or TOEFL: paper based: 550-583 68606 Solid-state Science and Nanodevices 6ср overall with TWE of 4.5, internet based: 79-93 overall with a writing Molecular Nanotechnology 67509 6ср score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66 Spring semester Eligibility for admission does not guarantee offer of a place. 21407 Strategic Human Resource Management 6ср 21505 Human Resource Management (Capstone) 6cp International students Select 12 credit points from the following options: 12cp Visa requirement: To obtain a student visa to study in Australia, 67510 Surface Processes 6ср international students must enrol full time and on campus. Australian 68513 Optics and Nanophotonics student visa regulations also require international students studying 6ср BioNanotechnology on student visas to complete the course within the standard full-91140 6ср 68320 Scanning Probe and Electron Microscopy time duration. Students can extend their courses only in exceptional 6ср

Assumed knowledge

circumstances

Mathematics; English; and at least one science subject.

Students are advised to read the General information and Course area information sections in conjunction with specific course entries.

Course duration and attendance

The course is offered over four years full time. Full-time attendance is approximately 20 hours each week on campus. Students may also complete the course part-time, usually at the rate of two subjects a semester (a 50 per cent load), taking eight years to complete. Part-time students may need to attend science classes for at least one half-day a week, in addition to evening classes.

Course structure

Students are required to complete 192 credit points of study, comprising 96 credit points of medical science subjects and 96 credit points of business subjects. Refer to the Bachelor of Business (C10026) (see page 131) entry for the major areas of study.

Graduation from the medical science component of the combined degree is not possible prior to completion of all components of the combined degree. Students wishing to graduate with a Bachelor of Medical Science prior to completion of the business component of the combined degree must apply for transfer to the Bachelor of Medical Science (C10184) (see page 217) single degree program where they must complete all requirements for the stand-alone single degree

Similarly, if a student wishes to graduate from the business component of the combined degree prior to completion of the science component they must apply for transfer to the Bachelor of Business (C10026) (see page 131) single degree program where they must complete all requirements for the stand-alone single degree version.

Course completion requirements

CBK90169	Major choice (Business)	48cp
STM90273	Core subjects (Business)	48cp
STM90349	Core subjects (Medical Science)	96cp
	,	Total 192cp

Course program

The program shown is for a full-time student with a Human Resource Management major.

Accounting for Business Decisions A

Year 1

22107

Autumn semester

Year 2		
65212	Chemistry 2	6cp
91400	Human Anatomy and Physiology	6ср
24108	Marketing Foundations	6ср
21129	Managing People and Organisations	6ср
Spring se	emester	
65111	Chemistry 1	6cp
91161	Cell Biology and Genetics	6cp
26100	Integrating Business Perspectives	6ср

Autumn	semester
23115	Economics for Business

91314	General Microbiology semester	6cp
91703	Physiological Systems	6cr
26134	Business Statistics	6cp

25300	Fundamentals of Business Finance	6ср
68041	Physical Aspects of Nature	6ср
22207	Accounting for Business Decisions B	6ср
91239	Human Pathophysiology	6ср

Year 3

∆utumn semester

Autuiiii 5	CITICSCCI		
21555 21510 91707 91320	Human Resource Management The Global Context of Management Pharmacology 1 Metabolic Biochemistry		6cp 6cp 6cp 6cp
Spring se	mester		
21440	Management Skills		6ср
91705	Medical Devices and Diagnostics		6ср
21036	Managing Strategic Performance		6ср
Select 6 cr	edit points from the following options:		6ср
91132	Molecular Biology 1	6ср	
91330	Epidemiology and Public Health		
	Microbiology	6ср	
91401	Introductory Haematology and		
	Immunology	6ср	

Year 4

Autumn semester

21512	Understanding Organisations: Theory		
	and Practice		6ср
21037	Managing Employee Relations		6ср
91706	Neuroscience		6cp
Select 6 cre	edit points from the following options:		6ср
91335	Molecular Biology 2	6ср	_
91338	Clinical Bacteriology	6ср	
91344	Medical and Diagnostic Biochemistry	6ср	
91358	Advanced Haematology	6ср	
91359	Advanced Immunology	6ср	
91403	Medical Imaging	6ср	
Spring semester			

21407	Strategic Human Resource Management	6ср
		1
21505	Human Resource Management (Capstone)	6ср
91708	Medical and Applied Physiology	6ср
91709	Pharmacology 2	6ср

Honours

An honours program is available to eligible students.

Transfer between UTS courses

There is provision for students already enrolled in a Bachelor of Medical Science or a Bachelor of Business degree to transfer to this combined degree program, provided they meet the entry requirements for the combined degree.

Students wishing to transfer from the combined degree program to the Bachelor of Business (C10026) (see page 131) single degree program, and whose ATAR is less than the current entry rank for the Bachelor of Business, are required to apply for admission through the Universities Admissions Centre in the non-current school leaver category.

Professional recognition

Depending on disciplines chosen, students may be eligible for entry to the relevant professional associations.

Other information

Further information is available from:

UTS Student Centre

6ср

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10164v5 Bachelor of Health Science in Traditional Chinese Medicine **Bachelor of Arts in International Studies**

Award(s): Bachelor of Health Science in Traditional Chinese Medicine (BHlthSc)

Bachelor of Arts in International Studies (BA)

CRICOS code: 067517F

Commonwealth-supported place?: Yes

Load credit points: 288 Course EFTSL: 6 Location: City campus

Note(s)

This course is only offered to new international students. Local students in an existing UTS course may be able to transfer into it.

Entry to this degree for local students is by internal transfer from the Bachelor of Health Science in Traditional Chinese Medicine (C10186) (see page 218).

Students undertaking this degree may only study China as their international studies major. For international students, mid-year (July/August) intake may be considered on a case-by-case basis by the faculty.

Overview

This combined degree program provides students with greater exposure to and understanding of Chinese culture and a working knowledge of Chinese. Students complete four consecutive semesters

of study of Chinese language and culture before proceeding to China for an academic year of study at a university or institution of higher education.

The course has a strong history of delivering highly skilled practitioners and potential researchers. Students complete 1050 clinical hours, starting in the first semester first year and are well equipped for private practice. Opportunity exists for clinical internship in China and Korea, or undertaking the international studies program by learning Mandarin and spending a year studying in China.

Career options

Career options include acupuncture or Chinese herbal medicine practitioner in private or community health services. This combined program makes it more possible for graduates to practise outside Australia.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Entry to this degree is by internal transfer from the Bachelor of Health Science in Traditional Chinese Medicine (C10186) (see page 218). Students do not need to have previously studied Chinese to successfully complete this program. There is a range of entry levels to the Chinese language and culture program.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Applications

Students in the Bachelor of Health Science in Traditional Chinese Medicine apply during Year 2 for transfer to this course, commencing in Year 3.

Assumed knowledge

There are no prior language requirements for the international studies program (see page 87).

Course duration and attendance

This combined degree is offered on a six-year, full-time basis. This also involves students practising their skills in the UTS acupuncture and herbal medicine clinics as required during the course. Students spend their fifth year of study at a Chinese university.

Course structure

Students are required to complete 288 credit points of study, comprising 192 credit points in traditional Chinese medicine (TCM) and 96 credit points in Chinese studies. The Bachelor of Arts in International Studies (see page 92) requires undergraduates to study a region or country major over a minimum of three years. Students undertaking this degree may only study China as their international studies major. The international studies component (96 credit points) includes 32 credit points (four 8-credit-point subjects) of instruction in Chinese language and culture, 8 credit points (one subject) of study of foundations in international studies, 8 credit points (one subject) of study of contemporary China and 48 credit points (two semesters) of study at a university or institution of higher education in China. The Bachelor of Arts in International Studies is not offered as a separate degree, but is completed only in combination with the professional degree program.

Graduation from the TCM component of the combined degree is not possible prior to completion of all components of the combined degree. Students wishing to graduate with a Bachelor of Health Science in Traditional Chinese Medicine prior to completion of the international studies component of the combined degree must apply for transfer to the Bachelor of Health Science in Traditional Chinese Medicine (C10186) (see page 218) single degree program where they must complete all requirements for the stand-alone single degree version.

Overseas study

Students spend their fifth year of study at a university overseas.

Industrial training/professional practice

Through working clinics, students gain practical experience treating patients under the guidance of qualified health professionals. The opportunity exists for clinical internship in China.

Course completion requirements

91614	Evaluating TCM: Theory, Practice and	
	Research 1	6ср
91615	Evaluating TCM: Theory, Practice and	1
	Research 2	6ср
99567	Introduction to Chinese Herbal Medicine	6cp
99584	Clinical Features of Disease	6cp
99618	Chinese Diagnostic System 1	6cp
91610	Medical Classics and the History of Chinese	1
	Medicine	6ср
99621	Chinese Diagnostic System 2	6cp
91611	Clinical Practicum (Therapy and Diagnosis)	6cp
99630	Clinical Practice 1 (TCM)	12cp
99631	Clinical Practice 2 (TCM)	12cp
99665	Chinese Medicine Foundations 1	6cp
99666	Chinese Medicine Foundations 2	6cp
99641	Point Location and Acupuncture Anatomy	6cp
99667	Clinical Theory and Clinic Level 1	6cp
99668	Clinic Level 2 and Acupuncture Techniques 1	6cp
99644	Clinic Level 3 and Acupuncture Techniques 2	
99645	Clinic Level 4 and Acupuncture Techniques 3	
99646	Clinic Level 5 and Acupuncture Microsystem	
99647	Clinic Level 6	6cp
92227	Communication for the Complementary	1
	Therapist	6ср
91528	Health and Homeostasis	6cp
99650	Pharmacology of Chinese Herbal Medicine	6cp
99651	Chinese Herbal Formula 1	6cp
99652	Chinese Herbal Formula 2	6cp
91529	Pathophysiology and Pharmacology 1	6cp
91530	Pathophysiology and Pharmacology 2	6ср
91613	Professional Issues in Traditional Chinese	-
	Medicine	6ср
99656	Disease States for Traditional Chinese	-
	Medicine 1	6ср
99657	Disease States for Traditional Chinese	-
	Medicine 2	6ср
CBK90005	Country major choice	96cp
91527	Pathophysiology and Pharmacology 3	6cp
		Total 288cp

Course program

An example program is shown below.

Year 1

99665

99641

Autumn	semester
Autuiiii	Jennester

99667 92227	Clinical Theory and Clinic Level 1 Communication for the Complementary	6ср
) <u></u>	Therapist	6ср
Spring se	mester	
99567	Introduction to Chinese Herbal Medicine	6ср
99666	Chinese Medicine Foundations 2	6ср
99668	Clinic Level 2 and Acupuncture Techniques 1	6ср
91528	Health and Homeostasis	6ср
Year 2		
Autumn s	emester	
99618	Chinese Diagnostic System 1	6ср
99644	Clinic Level 3 and Acupuncture Techniques 2	6cp

Point Location and Acupuncture Anatomy

6cp

6cp

6cp

Chinese Medicine Foundations 1

99650 Pharmacology of Chinese Herbal Medicine

91529	Pathophysiology and Pharmacology 1	6ср
Spring se	mester	
99621	Chinese Diagnostic System 2	6ср
99645	Clinic Level 4 and Acupuncture Techniques 3	6ср
99651	Chinese Herbal Formula 1	6ср
91530	Pathophysiology and Pharmacology 2	6ср

Year 3

emester Chinese Language and Culture 1 Clinical Features of Disease Clinic Level 5 and Acupuncture Microsystems Chinese Herbal Formula 2	8cp 6cp 6cp 6cp
mester	
Chinese Language and Culture 2 Clinical Practicum (Therapy and Diagnosis) Disease States for Traditional Chinese	8cp 6cp
Medicine 1 Chinese Medical Classics	6ср 6ср
	_
emester	
Medical Classics and the History of Chinese Medicine	6ср
Chinese Language and Culture 3 Foundations in International Studies	8cp 8cp
mester	
Chinese Language and Culture 4	8cp
Contemporary China Clinic Level 6	8ср 6ср
emester	
In-country Study 1: China	24cp
mester	
In-country Study 2: China	24cp
emester	
Evaluating TCM: Theory, Practice and Research 1	6ср
Disease States for Traditional Chinese Medicine 2	6ср
Clinical Practice 1 (TCM)	12cp
Spring semester	
Professional Issues in Traditional Chinese	
	6ср 12ср
Evaluating TCM: Theory, Practice and	12cp
Research 2	6ср
	Chinese Language and Culture 1 Clinical Features of Disease Clinic Level 5 and Acupuncture Microsystems Chinese Herbal Formula 2 mester Chinese Language and Culture 2 Clinical Practicum (Therapy and Diagnosis) Disease States for Traditional Chinese Medicine 1 Chinese Medical Classics mester Medical Classics and the History of Chinese Medicine Chinese Language and Culture 3 Foundations in International Studies mester Chinese Language and Culture 4 Contemporary China Clinic Level 6 mester In-country Study 1: China mester In-country Study 2: China mester Evaluating TCM: Theory, Practice and Research 1 Disease States for Traditional Chinese Medicine 2 Clinical Practice 1 (TCM) mester Professional Issues in Traditional Chinese Medicine Clinical Practice 2 (TCM) Evaluating TCM: Theory, Practice and

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10167v3 Bachelor of Medical Science Bachelor of Arts in International Studies

Award(s): Bachelor of Medical Science (BMedSc) Bachelor of Arts in International Studies (BA)

UAC code: 609255 CRICOS code: 043287B

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Note(s)

For international students, mid-year (July/August) intake may be considered on a case-by-case basis by the faculty.

Overview 4 1

This degree combines a professional degree in medical science with immersion in another language and culture. The medical science program is designed to educate and train graduates for careers in medical and health-related sciences. It aims to produce medical scientists with highly adaptable, practical scientific skills and a thorough grounding in the structure and function of the human body and in disease processes at the cellular, whole organ and behavioural level.

The combination of medical science and international studies aims to produce graduates with an increased awareness of the international contexts of health and who are well prepared to pursue global healthrelated professional careers.

Multinational pharmaceutical companies look to medical science graduates to work in drug registration, clinical trials coordination, as technical or marketing representatives and as policy analysts.

Career options

Career options include positions in government departments, private and public hospitals and public health units, nationally and internationally.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Admission to the combined degree is on merit according to the admissions policy for the Bachelor of Medical Science (C10184) (see page 217). There is a range of entry levels to the various language and culture programs. Students are admitted to the international studies program (see page 92) with no guarantee of entry to a specific major, although every effort is made to meet students' preferences.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics; English; and two science subjects. There are no prior language requirements for the international studies program (see page 87).

Course duration and attendance

This course is offered over five years full time. Attendance involves approximately 20 hours each week on campus. Students spend two semesters of study at a university or other higher education institution in the country of their major.

Course structure

Students must complete 240 credit points of study, comprising 144 credit points relating to medical science and 96 credit points relating to international studies. The Bachelor of Arts in International Studies requires undergraduates to study a region or country major over a minimum of three years. The Bachelor of Arts in International Studies is not offered as a separate degree, but is completed only in combination with the professional degree program.

Graduation from the medical science component of the combined degree is not possible prior to completion of all components of the combined degree. Students wishing to graduate with a Bachelor of Medical Science prior to completion of the international studies component of the combined degree must apply for transfer to the Bachelor of Medical Science (C10184) (see page 217) single degree program where they must complete all requirements for the standalone single degree version.

Overseas study

Students spend their fourth year of study at a university overseas.

Course completion requirements

91239	Human Pathophysiology	6ср
STM90680	Foundation stream (Life and Environmental	-
	Sciences)	48cp
STM90684	Core subjects (Medical and Molecular Biolog	y) 48cp
91705	Medical Devices and Diagnostics	6ср
91706	Neuroscience	6ср
91707	Pharmacology 1	6ср
91708	Medical and Applied Physiology	6ср
91709	Pharmacology 2	6ср
CBK90005	Country major choice	96ср
91703	Physiological Systems	6ср
CBK90582	Elective 4	6ср
		Total 240cp

Course program

The example program shown is for a student who has chosen the Germany major as the international studies major. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major.

Year 1

Autumn	semester

65111	Chemistry 1	6ср
91107	The Biosphere	6ср
91161	Cell Biology and Genetics	6cp
33116	Statistical Design and Analysis	6cp
Spring s	emester	
65212	Chemistry 2	6ср
91123	Biocomplexity	6cp
91400	Human Anatomy and Physiology	6cp
68041	Physical Aspects of Nature	6ср

Year 2

Autumn semester

976001	Foundations in International Studies	8ср	
97601	German Language and Culture 1	8cp	
91320	Metabolic Biochemistry	6ср	
91314	General Microbiology	6ср	
Spring semester			
opining oci	HESTEI		
91132		6ср	
, ,	Molecular Biology 1 German Language and Culture 2	6ср 8ср	
91132	Molecular Biology 1		

Year 3

Autumn semester

91703 97603 CBK90579	Physiological Systems German Language and Culture 3 Elective 1		6ср 8ср 6ср
Spring ser	nester		
97604 976421	German Language and Culture 4 Contemporary Germany		8cp 8cp
Select 12 c	redit points from the following options:		12cp
91326	Analytical Biochemistry	6ср	_
91330	Epidemiology and Public Health		
01401	Microbiology	6ср	
91401	Introductory Haematology and Immunology	6ср	

Year 4

Autumn comocto

Autumn s	emester	
977420	In-country Study 1: Germany	24cp
Spring se	mester	
978420	In-country Study 2: Germany	24cp
Year 5		

Year 5

Autumn	semester	
91706	Neuroscience	
01707	Dl 1 1	

91707	Pharmacology 1		6ср
Select 12 c	redit points from the following options:		12cp
91403	Medical Imaging	6ср	-
CBK90580	Elective 2	6ср	
CBK90581	Elective 3	6ср	

Spring semester

91705	Medical Devices and Diagnostics	6ср
91708	Medical and Applied Physiology	6ср
91709	Pharmacology 2	6cp
CBK90582	Elective 4	6cp

Honours

The Bachelor of Medical Science (Honours) is available as an additional year to meritorious students.

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10168v3 Bachelor of Biotechnology Bachelor of Arts in International Studies

Award(s): Bachelor of Biotechnology (BBiotech) Bachelor of Arts in International Studies (BA) UAC code: 609257 CRICOS code: 043285D Commonwealth-supported place?: Yes Load credit points: 240

Load credit points: 240 Course EFTSL: 5 Location: City campus

Note(s)

For international students, mid-year (July/August) intake may be considered on a case-by-case basis by the faculty.

Overview

This degree combines a professional degree in biotechnology with immersion in another language and culture. The biotechnology program provides students with a broad knowledge of modern biotechnology, with an emphasis on DNA technology, cell biology and up-to-date industrial applications, plus a wide range of practical skills, supplemented with relevant aspects of ethics law and business.

Biotechnology is a global industry and this course, with its strong professional, international and industry focus, aims to provide students with an increased awareness of the international contexts of the biotechnology industry and prepare students to pursue national and international biotechnology-related professional careers.

Career options

6ср

Career options include bioremediation of contaminated sites, brewing beer, engineering agricultural crops, growing yeast for bread, managing a biotechnology company, manufacturing drugs or medicine, mining uranium, regulating the expanding bioscience industries, researching anti-cancer drugs, teaching science, trading in biotechnology shares or writing about science.

Graduates have the opportunity to work overseas or in Australia in organisations with international networks or links.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Admission to the combined degree is on merit according to the admissions policy for the Bachelor of Biotechnology (C10172) (see page 215). There is a range of entry levels to the various language and culture programs. Students are admitted to the international studies program (see page 92) with no guarantee of entry to a specific major, although every effort is made to meet students' preferences.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics; English; and at least one science subject. There are no prior language requirements for the international studies program (see page 87).

Course duration and attendance

This course is offered over five years full time. Attendance involves approximately 20 hours each week on campus. Students spend two semesters of study at a university or other higher education institution in the country of their major.

Course structure

Students must complete 240 credit points of study, comprising 144 credit points relating to biotechnology and 96 credit points relating to international studies. The Bachelor of Arts in International Studies requires undergraduates to study a region or country major over a minimum of three years. The Bachelor of Arts in International Studies is not offered as a separate degree, but is completed only in combination with the professional degree program.

Graduation from the biotechnology component of the combined degree is not possible prior to completion of all components of the combined degree. Students wishing to graduate with a Bachelor of Biotechnology prior to completion of the international studies component of the combined degree must apply for transfer to the Bachelor of Biotechnology (C10172) (see page 215) single degree program where they must complete all requirements for the standalone single degree version.

Overseas study

Students spend their fourth year of study at a university overseas.

Course completion requirements

	ompremen requirements	
CBK90005	Country major choice	96cp
STM90680	Foundation stream (Life and Environmental	-
	Sciences)	48cp
STM90684	Core subjects (Medical and Molecular Biology)	48cp
91142	Biotechnology	6ср
91144	Plant Biotechnology	6ср
91335	Molecular Biology 2	6ср
91368	Bioreactors and Bioprocessing	6ср
91369	Biobusiness and Environmental Biotechnology	6ср
91359	Advanced Immunology	6ср
CBK90582	Elective 4	6cp
Select 6 cre	dit points from the following options:	6ср
91129	Transfusion Science 6cp	
91345	Biochemistry, Genes and Disease 6cp	
91352	Parasitology 6cp	
	Tota	1 240ср

Course program

The program shown is for a student who has chosen the Germany major as the international studies major. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major.

Year 1

Autumn semester

91161	Cell Biology and Genetics	6ср
65111	Chemistry 1	6ср
91107	The Biosphere	6ср
33116	Statistical Design and Analysis	6ср
Spring ser	mester	
65212	Chemistry 2	6ср
68041	Physical Aspects of Nature	6ср
91123	Biocomplexity	6ср
91400	Human Anatomy and Physiology	6ср

Year 2

Year 2			
Autumn se 976001 91320 91314 97601	emester Foundations in International Studies Metabolic Biochemistry General Microbiology German Language and Culture 1		8cp 6cp 6cp 8cp
Spring sen 97602 91132	nester German Language and Culture 2 Molecular Biology 1		8cp 6cp
	redit points from the following options: Analytical Biochemistry Epidemiology and Public Health Microbiology Introductory Haematology and	6ср 6ср 6ср	12cp
Year 3		г	
Autumn se 97603 CBK90580 91142 CBK90579	German Language and Culture 3 Elective 2 Biotechnology		8cp 6cp 6cp 6cp
Spring sen 97604 976421 CBK90581	German Language and Culture 4 Contemporary Germany		8cp 8cp 6cp
Year 4			
Autumn se 977420	mester In-country Study 1: Germany		24cp
Spring sen 978420	nester In-country Study 2: Germany		24cp
Year 5			
Autumn se 91369 91335 91359 CBK90582	Biobusiness and Environmental Biotechnolog Molecular Biology 2 Advanced Immunology	у	6cp 6cp 6cp
Spring sen 91368 91144	nester Bioreactors and Bioprocessing Plant Biotechnology		6cp 6cp
Select 6 cre 91345	edit points from the following options:	6ср	6ср

Honours

91129

91352

The Bachelor of Biotechnology (Honours) (C09022) (see page 113) is available to eligible students with an additional one year of full-time study.

Other information

Further information is available from:

Transfusion Science

Parasitology

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

6ср

6ср

C10169v4 Bachelor of Biotechnology **Bachelor of Business**

Award(s): Bachelor of Biotechnology (BBiotech)

Bachelor of Business (BBus) UAC code: 609176 CRICOS code: 041436K

Commonwealth-supported place?: Yes

Load credit points: 192 Course EFTSL: 4

Location: City and Kuring-gai campuses

Note(s)

For international students, mid-year (July/August) intake may be considered on a case-by-case basis by the faculty.

Overview

This course is designed to produce graduates who are prepared for scientific practice in the biotechnology industry or who are equipped for entry into business and management in science-based businesses

This course allows graduates to choose between a career in business or biotechnological science. It is particularly suitable for a career in the rapidly expanding and profitable biotechnology business sector where both disciplines are required.

Career options

Career options include manager or scientist in a bio-analytical lab, bio-business, CSIRO, government biotechnology support, a regulatory agency, stockbroking, vaccine manufacture or wine production. Graduates can also be an analyst, biotechnologist, marketer, product developer or research scientist with industry or scientific research organisations.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics; English; and at least one science subject.

Course duration and attendance

Students can complete the course over four years full time. Full-time attendance involves approximately 16 hours each week on campus. Students may also be able to complete the course part time, usually at the rate of two subjects a semester (a 50 per cent load), taking eight years to complete. Part-time students may need to attend science classes for at least one half-day a week, in addition to evening classes.

Course structure

The course comprises a total of 192 credit points, made up of 96 credit points of biotechnology subjects and 96 credit points of business

Graduation from the biotechnology component of the combined degree is not possible prior to completion of all components of the combined degree. Students wishing to graduate with a Bachelor of Biotechnology prior to completion of the business component of the combined degree must apply for transfer to the Bachelor of Biotechnology (C10172) (see page 215) single degree program where they must complete all requirements for the stand-alone single degree.

Similarly, if a student wishes to graduate from the business component of the combined degree prior to completion of the science component they must apply for transfer to the Bachelor of Business (C10026) (see page 131) single degree program where they must complete all requirements for the stand-alone single degree.

Course completion requirements

CBK90169 Major choice (Business)	48cp
STM90273 Core subjects (Business)	48cp
STM90284 Core subjects (Biotechnology)	96cp
,	Total 192cp

Course program

The program shown is for a full-time student with a Human Resource Management major.

Year 1

22107

Autumn semester

26100	Integrating Business Perspectives	6ср
91161	Cell Biology and Genetics	6ср
65111	Chemistry 1	6ср
Spring s	emester	
21129	Managing People and Organisations	6ср
24108	Marketing Foundations	6ср
91400	Human Anatomy and Physiology	6ср
65212	Chemistry 2	6cp

6ср

6ср

6ср

Accounting for Business Decisions A

Year 2

Autumn semester

23115	Economics for Business	6ср	
26134	Business Statistics	6ср	
91320	Metabolic Biochemistry	6cp	
91314	General Microbiology	6cp	
Spring semester			

- P 5 -		
25300	Fundamentals of Business Finance	6ср
91132	Molecular Biology 1	6ср
91330	Epidemiology and Public Health Microbiology	6ср
22207	Accounting for Business Decisions B	6ср

Year 3

Autumn semester

21555	Human Resource Management	6ср
21510	The Global Context of Management	6ср
91142	Biotechnology	6ср
91703	Physiological Systems	6ср

Spring semester

6ср
6ср
6ср
6ср

Year 4

Autumn se	emester			
21512	Understanding Organisations: Theory			
	and Practice	6ср		
21037	Managing Employee Relations	6ср		
Select	t one of the following:	6ср		
91359	Advanced Immunology 6cp			
91335	Molecular Biology 2 6cp			
91369	Biobusiness and Environmental Biotechnology	6ср		
Spring semester				
21407	Strategic Human Resource Management	6ср		
21505	Human Resource Management (Capstone)	6cp		

Plant Biotechnology Honours

91368

91144

A Bachelor of Biotechnology (Honours) (C09022) (see page 113) is available to eligible students.

Bioreactors and Bioprocessing

Transfer between UTS courses

There is provision for students already enrolled in a Bachelor of Biotechnology or a Bachelor of Business degree to transfer to this combined degree program, provided they meet the entry requirements for the combined degree.

Students wishing to transfer from the combined degree program to the Bachelor of Business (C10026) (see page 131) single degree program, and whose ATAR is less than the current entry rank for the Bachelor of Business, are required to apply for admission through the Universities Admissions Centre in the non-current school leaver category.

Professional recognition

Depending on disciplines chosen, students may be eligible for entry to the relevant professional associations.

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10172v5 Bachelor of Biotechnology

Award(s): Bachelor of Biotechnology (BBiotech)

UAC code: 607045 CRICOS code: 026806C

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Note(s)

For international students, mid-year (July/August) intake may be considered on a case-by-case basis by the faculty.

Overview

This course provides students with a broad knowledge of modern biotechnology with an emphasis on DNA technology, cell biology and up-to-date industrial applications, plus a wide range of practical skills, supplemented with relevant aspects of ethics law and business.

Biotechnology is the science of the future, with high employment rates due to a strong professional and industry focus. Graduates of this course gain a professional qualification in biological science and a firm basis in the industrial aspects of biotechnology. This is a comprehensive biotechnology course with a wide range of options for advanced specialisation.

Career options

Career options include biotechnological research, development and production positions in agricultural, biomedical, chemical, communications, energy, environmental, manufacturing, medical and pharmaceutical companies. Graduates can innovate, invent or research biotechnological science or start their own company to capitalise on their ideas.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics; English; and at least one science subject.

HSC Mathematics Extension 1 and Chemistry are recommended.

Course duration and attendance

Students can complete the course over three years full time. Full-time attendance involves approximately 20 hours each week on campus. Students may also be able to complete the course part time, usually at the rate of two subjects a semester (a 50 per cent load), taking six years to complete. Part-time students are required to attend some sessions in daytime hours.

Course structure

Students must complete a total of 144 credit points, made up of 120 credit points of core subjects and 24 credit points of elective subjects. The elective subjects enable students to increase their expertise in other areas of science or other disciplines in the University. This can be in the form of a specialised 24-credit-point sub-major or by a varied selection of subjects.

Students must satisfactorily complete all core subjects and the required number of credit points of elective/second major subjects for award of the degree.

Course completion requirements

STM90680	Foundation stream (Life and Environmental			
	Sciences)		48cp	
STM90684	Core subjects (Medical and Molecular Biolog	gy)	48cp	
91142	Biotechnology		6ср	
91144	Plant Biotechnology		6ср	
91335	Molecular Biology 2		6ср	
91368	Bioreactors and Bioprocessing		6ср	
91369	Biobusiness and Environmental Biotechnolo	gy	6ср	
CBK90582	Elective 4		6ср	
Select 12 credit points from the following options: 12cp				
91129	Transfusion Science	6ср	_	
91345	Biochemistry, Genes and Disease	6ср		
91352	Parasitology	6ср		
91359	Advanced Immunology	6ср		
	5.	Total	144cp	

Course program

The program shown assumes full-time attendance, commencing in Autumn semester.

Autumn semester

65111	Chemistry 1	6ср
91107	The Biosphere	6cp
91161	Cell Biology and Genetics	6cp
33116	Statistical Design and Analysis	6ср
Spring s	emester	
65212	Chemistry 2	6cp

Human Anatomy and Physiology

Physical Aspects of Nature

91400 68041 Year 2

91123

Autumn semester

Biocomplexity

Microbiology

Immunology

Introductory Haematology and

91314	General Microbiology		6ср
91320	Metabolic Biochemistry		6ср
91142	Biotechnology		6ср
CBK90579	Elective 1		6cp
Spring semester			
91132	Molecular Biology 1		6ср
CBK90580	Elective 2		6ср
Select 12 cr	redit points from the following options:		12cp
91326	Analytical Biochemistry	6ср	•
91330	Epidemiology and Public Health	_	

Year 3

91401

Autumn semester

91335	Molecular Biology 2	6cr
91369	Biobusiness and Environmental Biotechnology	6cr
91359	Advanced Immunology	6cr
CBK90581	Elective 3	6cr

6ср

6cp

6ср

6ср

Spring semester

91368	Bioreactors and Bioprocessing		6ср
91144	Plant Biotechnology		6ср
CBK90582	Elective 4		6ср
Select 6 cre	edit points from the following options:		6ср
91129	Transfusion Science	6ср	_
91345	Biochemistry, Genes and Disease	6ср	
91352	Parasitology	6ср	

Honours

The Bachelor of Biotechnology (Honours) (C09022) (see page 113) is available to eligible students with an additional one year of full-time study.

Professional recognition

This course is recognised by the Australian Biotechnology Association.

Other information

Further information is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10174v4 Bachelor of Forensic Biology in Biomedical Science

Award(s): Bachelor of Forensic Biology in Biomedical Science (BForBiol)

UAC code: 607025

CRICOS code: 049107G

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Note(s)

For international students, mid-year (July/August) intake may be considered on a case-by-case basis by the faculty.

Overview

This course provides a firm foundation in the biomedical sciences and their applications to forensic investigations involving human or other biological evidence. It brings together extensive theoretical knowledge with advanced laboratory and problem-solving skills in forensic and biomedical science, as well as legal aspects of forensic science practice and crime scene investigation.

This is a hands-on course that draws on UTS's strong expertise in both forensic science and biomedical science to produce graduates prepared for employment in either field. World-class facilities and equipment are combined with internationally recognised teaching and access to leading forensic scientists. The course has strong links with federal and state police services and government forensic laboratories.

Career options

Career options include positions as scene of crime officers, forensic laboratory scientists in federal or state law enforcement agencies or private DNA testing laboratories and biomedical scientists in private or public medical diagnostic, state hospitals providing forensic services or research laboratories.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics; any two units of English; and any two units of science. HSC Mathematics Extension 1 and Chemistry are recommended.

Course duration and attendance

Students can complete the course over three years full time. Full-time attendance involves approximately 20 hours each week on campus. Students may also be able to complete the course part time, usually at the rate of two subjects a semester (a 50 per cent load), taking six years to complete. Part-time students are required to attend some sessions in daytime hours.

Course structure

The course comprises 144 credit points of study. Stages 1-4 (the first two years) of the program are similar, though not identical, to the Bachelor of Biomedical Science (C10115) (see page 172). However, stages 5-6 (the final year) are strongly focused on forensic studies.

Course completion requirements

65111	Chemistry 1		6ср
91161	Cell Biology and Genetics		6cp
68041	Physical Aspects of Nature		6cp
33116	Statistical Design and Analysis		6cp
91400	Human Anatomy and Physiology		6ср
65212	Chemistry 2		6ср
91123	Biocomplexity		6ср
65242	Principles of Forensic Science		6ср
91320	Metabolic Biochemistry		6ср
91314	General Microbiology		6ср
91500	Histology		6ср
35255	Forensic Statistics		6ср
91132	Molecular Biology 1		6ср
91326	Analytical Biochemistry		6ср
91402	Anatomical Pathology		6ср
91137	DNA Profiling		6ср
91138	Investigation of Human Remains		6ср
65342	Crime Scene Investigation		6ср
91139	Complex Forensic Cases (Biology)		6ср
79028	Complex Forensic Cases (Law for Biology)		6ср
Select 24	credit points from the following options:		24cp
91401	Introductory Haematology and		
	Immunology	6ср	
91330	Epidemiology and Public Health		
	Microbiology	6ср	
91338	Clinical Bacteriology	6ср	
91358	Advanced Haematology	6ср	
91335	Molecular Biology 2	6ср	
91344	Medical and Diagnostic Biochemistry	6ср	
91129	Transfusion Science	6ср	
91359	Advanced Immunology	6ср	
91352	Parasitology	6ср	
91345	Biochemistry, Genes and Disease	6ср	
		Total	144ср

Course program

The program shown assumes full-time attendance, commencing in Autumn semester.

6cp

Year 1

Autumn semester

91161	Cell Biology and Genetics	6ср
68041	Physical Aspects of Nature	6ср
33116	Statistical Design and Analysis	6ср
Spring s	semester	
91400	Human Anatomy and Physiology	6ср
65212	Chemistry 2	6ср
91123	Biocomplexity	6ср
65242	Principles of Forensic Science	6cp

Chemistry 1

Year 2

Autumn semester				
91320	Metabolic Biochemistry		6ср	
91314	General Microbiology		6ср	
91500	Histology		6ср	
35255	Forensic Statistics		6ср	
Spring ser	mester			
91132	Molecular Biology 1		6ср	
91326	Analytical Biochemistry		6ср	
91402	Anatomical Pathology		6ср	
Select 6 cr	edit points from the following options:		6ср	
91330	Epidemiology and Public Health		-	
	Microbiology	6ср		
91401	Introductory Haematology and			
	Immunology	6ср		
Year 3				
Autumn comector				

Autumm Semester				
91137	DN.	A Pr	ofil	
04430	-			

91137 91138 65342	DNA Profiling Investigation of Human Remains Crime Scene Investigation		6ср 6ср 6ср	
Select 6 cm 91335 91338 91344 91358 91359	edit points from the following options: Molecular Biology 2 Clinical Bacteriology Medical and Diagnostic Biochemistry Advanced Haematology Advanced Immunology	6cp 6cp 6cp 6cp 6cp	6ср	
Spring semester				
Spring ser	Hestel			
91139 79028	Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology)		6ср 6ср	
91139 79028	Complex Forensic Cases (Biology)	6ср		

Honours

The Bachelor of Science (Honours) in Biomedical Science (C09023) (see page 114) is available to eligible students with an additional one year of full-time or equivalent part-time study. Students completing this course can be awarded the Bachelor of Science (Honours) in Biomedical Science - Forensic Biology.

Professional recognition

Graduates are eligible for membership of the Australian and New Zealand Forensic Science Society.

Other information

Further information is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10184v5 Bachelor of Medical Science

Award(s): Bachelor of Medical Science (BMedSc)

UAC code: 607050 CRICOS code: 023607A

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

For international students, mid-year (July/August) intake may be considered on a case-by-case basis by the faculty.

Overview

This degree is designed to educate and train graduates for careers in medical and health-related sciences. It aims to produce professional medical scientists with highly adaptable and practical scientific skills accompanied by a thorough grounding in theory. It specialises in the human body's structure, function and disease processes at the cellular and whole organ level.

The course provides the foundation knowledge and skills for students who wish to go on to postgraduate programs such as medicine, dentistry, pharmacy, biomedical engineering, nutrition and dietetics, complementary medicine, public health and health administration.

Pharmaceutical companies look to medical science graduates to work in areas such as drug registration and clinical trials coordination, as technical or marketing representatives and as policy analysts. Graduates also work as consultants, providing links with bodies such as state health departments and the Therapeutic Goods Administration.

Career options

Career options include positions in private and public hospitals, public health units, government departments and in biotechnology, health technology and pharmaceutical companies.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

 $The \, English \, proficiency \, requirement \, for \, international \, students \, or \, local \,$ applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances

Assumed knowledge

Mathematics; English; and any two science subjects.

Course duration and attendance

Students can complete the course over three years full time. Full-time attendance involves approximately 20 hours each week on campus. Students may also be able to complete the course part time, usually at the rate of two subjects a semester (a 50 per cent load), taking six years to complete. Part-time students are required to attend some sessions in daytime hours.

Course structure

Students must complete a total of 144 credit points, made up of 120 credit points of core subjects and 24 credit points of elective subjects. There is some choice within the core subjects enabling students to focus on a particular theme or area of expertise. The elective subjects enable students to increase their expertise in other areas of science or other disciplines in the University. This can be in the form of a specialised 24-credit-point sub-major or by a varied selection of subjects.

Students must satisfactorily complete all core subjects and the required number of credit points of elective/sub-major subjects for award of the degree.

Course completion requirements

STM90680	Foundation stream (Life and Environmental	
	Sciences)	48cp
STM90684	Core subjects (Medical and Molecular Biology	y) 48cp
91705	Medical Devices and Diagnostics	6ср
91706	Neuroscience	6ср
91707	Pharmacology 1	6ср
91708	Medical and Applied Physiology	6ср
91709	Pharmacology 2	6ср
91239	Human Pathophysiology	6ср
91703	Physiological Systems	6ср
CBK90582	Elective 4	6ср
	-	Total 144cp

Course program

The program shown assumes full-time attendance, commencing in Autumn semester.

Year 1

Autumn semester 65111 Chemistry 1 6ср 91107 The Biosphere 6ср Cell Biology and Genetics 91161 6ср Statistical Design and Analysis 33116 6ср Spring semester 65212 Chemistry 2 6ср 91123 Biocomplexity 6ср Human Anatomy and Physiology 91400 6ср Physical Aspects of Nature 68041 6ср Year 2 Autumn semester

91320	Metabolic Biochemistry
91314	General Microbiology

CBK90579	Elective 1		6ср 6ср	
Spring sen	nester			
91132	Molecular Biology 1		6ср	
91239	Human Pathophysiology		6ср	
Select 12 credit points from the following options: 12c				
91326	Analytical Biochemistry	6ср	-	
91330	Epidemiology and Public Health	•		
	Microbiology	6ср		
91401	Introductory Haematology and	_		
	Immunology	6ср		
91326 91330	Analytical Biochemistry Epidemiology and Public Health Microbiology Introductory Haematology and	6ср	12	

Year 3

Autumn semester

91707	Pharmacology 1		6ср	
91706	Neuroscience		6ср	
Select 12 cr	redit points from the following options:		12cp	
91403	Medical Imaging	6ср		
CBK90581	Elective 3	6ср		
CBK90580	Elective 2	6ср		
Spring semester				
91709	Pharmacology 2		6ср	
91708	Medical and Applied Physiology		6ср	
CBK90582	Elective 4		6ср	

Honours

91705

The Bachelor of Medical Science (Honours) (C09031) (see page 116) is available to eligible students with an additional one year of fulltime study.

Medical Devices and Diagnostics

Other information

Further information is available from: Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10186v7 Bachelor of Health Science in Traditional Chinese Medicine

Award(s): Bachelor of Health Science in Traditional Chinese Medicine (BHlthSc)

UAC code: 607055 CRICOS code: 023606B

Commonwealth-supported place?: Yes

Load credit points: 192 Course EFTSL: 4 Location: City campus

Note(s)

For international students, mid-year (July/August) intake may be considered on a case-by-case basis by the faculty.

Overview 3 4 1

This course provides graduates with a professional entry level for the practice of acupuncture and Chinese herbal medicine. It aims to produce professional Chinese medicine practitioners with highly adaptable and practical clinical skills accompanied by a thorough grounding in theory.

The course has a strong history of delivering highly skilled practitioners and potential researchers. Students complete 1050 clinical hours, starting in the first semester first year and are well equipped for private practice. Opportunity exists for clinical internship in China and Korea, or undertaking the international studies program by learning Mandarin and spending a year studying in China.

Career options

6ср

6ср 6ср

Career options include self employment in private practice or as part of an interdisciplinary clinical team. Opportunities exist in healthcare policy development and consultancy; research trial coordination; and sales, marketing and product development for herbal and pharmaceutical companies.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Non-current school leavers must submit a personal statement to UTS by 30 November. Further information is available from:

www.undergraduate.uts.edu.au/apply

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Any two units of English; and any two units of science. Biology is recommended.

Course duration and attendance

This course can be completed over four years of full-time study. Attendance involves approximately 24 hours each week at the University. This also involves students practising their skills in the UTS acupuncture and herbal medicine clinics as required during the course.

Course structure

The course comprises 192 credit points of study and consists of eight academic stages, taken over four years of full-time study.

Industrial training/professional practice

Students gain practical clinical experience treating patients under the guidance of qualified health professionals.

Cour se	completion requirements	
99665	Chinese Medicine Foundations 1	6ср
99641	Point Location and Acupuncture Anatomy	6ср
92227	Communication for the Complementary	-
	Therapist	6ср
99667	Clinical Theory and Clinic Level 1	6ср
99666	Chinese Medicine Foundations 2	6ср
99567	Introduction to Chinese Herbal Medicine	6ср
91528	Health and Homeostasis	6ср
99668	Clinic Level 2 and Acupuncture Techniques 1	6ср
99618	Chinese Diagnostic System 1	6ср
99650	Pharmacology of Chinese Herbal Medicine	6ср
91529	Pathophysiology and Pharmacology 1	6ср
99651	Chinese Herbal Formula 1	6ср
99621	Chinese Diagnostic System 2	6ср
91530	Pathophysiology and Pharmacology 2	6ср
99652	Chinese Herbal Formula 2	6ср
99584	Clinical Features of Disease	6ср
91610	Medical Classics and the History of Chinese	
	Medicine	6ср
99646	Clinic Level 5 and Acupuncture Microsystems	6ср
99656	Disease States for Traditional Chinese	
	Medicine 1	6ср
91611	Clinical Practicum (Therapy and Diagnosis)	6ср
99647	Clinic Level 6	6ср
99657	Disease States for Traditional Chinese	
	Medicine 2	6ср
91614	Evaluating TCM: Theory, Practice and	
	Research 1	6ср
99630	Clinical Practice 1 (TCM)	12cp
91613	Professional Issues in Traditional Chinese	
	Medicine	6ср
91615	Evaluating TCM: Theory, Practice and	
	Research 2	6ср
99631	Clinical Practice 2 (TCM)	12cp
99644	Clinic Level 3 and Acupuncture Techniques 2	6ср
99645	Clinic Level 4 and Acupuncture Techniques 3	6ср
91527	Pathophysiology and Pharmacology 3	6ср
	То	tal 192cp

Course program					
The progr	The program is shown below.				
Year 1					
Autumn s	emester				
99665 99641 99667 92227	Chinese Medicine Foundations 1 Point Location and Acupuncture Anatomy Clinical Theory and Clinic Level 1 Communication for the Complementary Therapist	6cp 6cp 6cp			
Spring se					
99567 99666 99668 91528	Introduction to Chinese Herbal Medicine Chinese Medicine Foundations 2 Clinic Level 2 and Acupuncture Techniques 1 Health and Homeostasis	6cp 6cp 6cp			
Year 2					
Autumn s 99618 99644 99650 91529	Chinese Diagnostic System 1 Clinic Level 3 and Acupuncture Techniques 2 Pharmacology of Chinese Herbal Medicine Pathophysiology and Pharmacology 1	6cp 6cp 6cp 6cp			
Spring se	mester				
99621 99645 99651 91530	Chinese Diagnostic System 2 Clinic Level 4 and Acupuncture Techniques 3 Chinese Herbal Formula 1 Pathophysiology and Pharmacology 2	6cp 6cp 6cp			
Year 3					
Autumn s					
99584 99646 99652 91527	Clinical Features of Disease Clinic Level 5 and Acupuncture Microsystems Chinese Herbal Formula 2 Pathophysiology and Pharmacology 3	6cp 6cp 6cp			

Spring ser	nester
91610	Medical Classics and the History of Chinese

Medicine

	Wicarchic	оср
91611	Clinical Practicum (Therapy and Diagnosis)	6ср
99647	Clinic Level 6	6cp
99656	Disease States for Traditional Chinese	1
	Medicine 1	6ср
Year 4		1
Autumn	semester	
91614	Evaluating TCM: Theory, Practice and	
	Research 1	6ср
99630	Clinical Practice 1 (TCM)	12cp
99657	Disease States for Traditional Chinese	1
	Medicine 2	6ср
Spring s	emester	1
91613	Professional Issues in Traditional Chinese	
	Medicine	6ср
99631	Clinical Practice 2 (TCM)	12cp
91615	Evaluating TCM: Theory, Practice and	1
	Research 2	6ср

Transfer between UTS courses

Students have the opportunity to transfer into the combined degree of Bachelor of Health Science in Traditional Chinese Medicine Bachelor of Arts in International Studies (C10164) (see page 209). This involves an additional two years of language and culture training in Australia and China.

Professional recognition

Graduates qualify for professional membership of most Australasian Chinese medicine professional associations. It is expected graduates will be eligible for registration under the new 2012 National Registration scheme.

Other information

Further information is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10206v5 Bachelor of Education in **Primary Education**

Award(s): Bachelor of Education in Primary Education (BEd) UAC code: 600038 CRICOS code: 008763C Commonwealth-supported place?: Yes Load credit points: 192 Course EFTSL: 4 Location: Kuring-gai campus

Overview

This course prepares students to teach in schools from kindergarten to Year 6. It is a practice-oriented course that aims to produce high-quality graduates through an integrated program of the latest educational theory, along with professional experience every semester in every year. Students continually develop teaching competence throughout the entire degree by teaching what they learn in professional experience.

This course is designed for students who want the benefit of extensive and diverse professional experience opportunities. Students also study innovative teaching methods in the key learning areas and have a wide choice of electives in which to add depth of study in fields of $interest. \, Students \, have \, the \, opportunity \, to \, undertake \, an \, international \,$ teaching practicum in countries such as China, Thailand or Samoa.

Course aims

The course aims to produce primary school teachers who are reflective in their practice, are able to manage the changing nature of teaching, have well developed interpersonal skills, are keen to put current developments in learning and teaching into practice, and have a commitment to lifelong learning.

Career options

Career options include a primary school teacher (kindergarten to Year 6) in a public or private school locally and internationally. Other options include a curriculum consultant, educational researcher or educator in a community setting such as a hospital, community or migrant education centre.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

 $The \, English \, proficiency \, requirement \, for \, international \, students \, or \, local \,$ applicants with international qualifications is: Academic IELTS: $7.0\,$ overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances

Applications

Local students

Local students apply through the Universities Admissions Centre.

International students

International students apply through UTS International.

Assumed knowledge

Competency in English and mathematics is a requirement. To gain employment as primary teachers in NSW schools, students must have achieved: HSC minimum Band 4 in English Advanced, Standard English or English as a Second Language, and HSC General Mathematics minimum Band 4 or completion of Mathematics or Extension Mathematics to an equivalent standard. At UTS, students who do not have the requisite HSC Mathematics are provided with a concurrent pathway to complete an equivalent course in General Mathematics (see www.education.uts.edu.au/students/maths).

Similarly, students who do not demonstrate the requisite HSC English are required to attend intensive workshops where they are provided with specific tuition.

Course duration and attendance

The course duration is four years of full-time study. The course may also be undertaken at a reduced load, provided it is completed within six years.

Course structure

The course totals 192 credit points of study and has three main streams.

- Key learning areas: develops student knowledge of the primary school syllabus and builds pedagogical skill in its implementation.
- Professional experience: builds student knowledge and skill in core aspects of teaching and learning practice, applies that practice in the field, and reflects on it critically in subsequent course elements.
- Contextual studies: where knowledge of the influences on students, on their evolving sense of themselves and their place in the social and physical world, and on their learning is examined.

Students also study a wide range of electives. Honours is available to meritorious students instead of electives.

Industrial training/professional practice

Students undertake professional experience teaching in schools and/ or community settings in every semester, and every year, throughout the degree. This includes a 20-day internship with a teaching and professional learning element. In the third year, an international teaching placement is available in China, Thailand or Samoa.

Course completion requirements

STM90328 Professional Experience		48cp
Select one of the following:		36ср
CBK90438 Elective	36cp	-
STM90572 Honours	36cp	
STM90325 Key Learning Areas	1	78cp
STM90326 Contextual Studies		30cp
	Total	192cp

Course program

Example programs are given below for a student commencing in Autumn semester and undertaking the course full time with and without honours.

6cp

Full time, without honours

English Education 1

Year 1

012208

012217

Autı	ımn	sem	ester
Autt	411111	SCIII	COLCI

	Education 1		6ср
Selec 0122 0122		6ср 6ср	6ср
012231	Professional Experience 1: Beginning Teaching	ng	6ср
Spring se	mester		
012215	Social and Environmental Education 1		6ср
Select 0122 01222 012222		6ср 6ср	6ср 6ср
012232	Professional Experience 2: Developing Class Management	room	6ср

Personal Development, Health and Physical

Year 2

Autumn semester

012210	Mathematics Teaching and Learning 1	6ср
012213	Learning in Science and Technology 1	6ср
012223	Research in Learning	6ср
012233	Professional Experience 3: Integrating Learning	-
	Technologies	6ср
Spring semester		

opi iliy se	illestei	
012209	English Education 2	6ср
012218	Personal Development, Health and Physical	-
	Education 2	6ср
012224	Sociology of Education	6ср
012234	Professional Experience 4: Integrating Diverse	-
	Contexts in Education	6ср

Year 3

Autumn semester

012216 012235	Social and Environmental Education 2 Professional Experience 5: Teaching Students	6ср
	with Special Educational Needs	6ср
Select 12 c	redit points of electives	12cp

Spring se	emester	
012211	Mathematics Teaching and Learning 2	6ср
012214	Learning in Science and Technology 2	6ср
012225	Issues in Indigenous Australian Education	6ср
012236	Professional Experience 6: Programming and	-
	Assessing in Education	6ср

Autumn semester

,			
Selec	t one of the following:		6ср
0122	Mathematics Teaching and Learning 3	6ср	_
0122	21 Philosophical and Ethical Practice	-	
	in Education	6ср	
012237	Professional Experience 7: Meeting the Engli	sh	
	Language Needs of Learners		6ср
Select 12 credit points of electives		12cp	

Spring semester Select one of the following: 6ср 012221 Philosophical and Ethical Practice in Education 6ср Mathematics Teaching and Learning 3 6cp 012238 Professional Experience 8: Reflecting on **Educational Practice** 6ср Select 12 credit points of electives 12cp Honours stream: Years 3 and 4 Year 3 Autumn semester 012216 Social and Environmental Education 2 6ср 012221 Philosophical and Ethical Practice in Education 6ср 012235 Professional Experience 5: Teaching Students with Special Educational Needs 6ср 023625 Research Seminar 6ср Spring semester 012211 Mathematics Teaching and Learning 2 6ср Issues in Indigenous Australian Education 012225 6ср

015381 **Year 4**

012212

012238

012236

Autumn semester

012237	Professional Experience 7: Meeting the English	-
	Language Needs of Learners	6ср
023634	Honours Thesis 1	12cp
Spring ser	mester	
012214	Learning in Science and Technology 2	6ср

Professional Experience 8: Reflecting on

Professional Experience 6: Programming and

Thesis Development and Appraisal

Mathematics Teaching and Learning 3

Assessing in Education

Educational Practice

Honours Thesis 2

023635

Honours is available in the third and fourth years to meritorious students

Professional recognition

The course provides a teaching qualification recognised by the NSW Department of Education and Training, Independent Schools Association, Catholic Education Office, and is also recognised internationally. Accreditation of the primary teacher education component of the course is through the New South Wales Institute of Teachers (NSWIT). To gain employment as a teacher in NSW schools, graduates must meet the requirements of the NSWIT, including language proficiency and maths (see www.education.uts.edu.au/students/maths).

Other information

Further information is available from UTS: Education at:

www.education.uts.edu.au

Local and current students:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Future international students:

telephone 1800 774 816 (freecall within Australia)

+61 3 9627 4816 (from outside Australia)

www.uts.international student.info/Register.aspx

C10208v5 Bachelor of Education Bachelor of Arts in International Studies

Award(s): Bachelor of Education (BEd)
Bachelor of Arts in International Studies (BA)

UAC code: 609160 CRICOS code: 025816J

Commonwealth-supported place?: Yes

Load credit points: 252 Course EFTSL: 5.25 Location: Kuring-gai campus

Overview

6ср

6cp

6cn

6ср

12cp

This combined degree prepares students to teach in schools from kindergarten to Year 6, ensuring they are well equipped to meet the challenges of local and international teaching. It is a practice-based course that aims to produce high-quality graduates through an integrated program combining the latest educational theory with professional experience. In the fourth year, students undertake a year of in-country study at an overseas university.

The degree is for students who want a strong practice-oriented primary education qualification and the benefit of learning and studying another language and culture, which includes a year living overseas studying in their country of choice. It may appeal to students who want an international study experience or are aiming for an international career.

Course aims

This combined degree aims to provide students with the professional education necessary for preparation for primary teaching, while at the same time providing an opportunity to acquire knowledge and understanding of another language and culture.

Career options

Career options include a primary school teacher (kindergarten to Year 6) in a public or private school, a curriculum consultant, educational researcher or educator in a community setting such as a hospital, community or migrant education centre. Career options in primary school teaching and teaching English as a second language overseas are enhanced by international experience.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Admission to the combined degree is on merit according to the admissions policy for the Bachelor of Education in Primary Education (C10206) (see page 219). There is a range of entry levels to the various language and culture programs. Students are admitted to the international studies program with no guarantee of entry to a specific major, although every effort is made to meet students' preferences.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Applications

Local students

Local students apply through the Universities Admissions Centre.

International students

International students apply through UTS International.

Assumed knowledge

Competency in English and mathematics is a requirement. To gain employment as primary teachers in NSW schools, students

must have achieved: HSC minimum Band 4 in English Advanced, Standard English or English as a Second Language, and HSC General Mathematics minimum Band 4 or completion of Mathematics or Extension Mathematics to an equivalent standard. At UTS, students who do not have the requisite HSC Mathematics are provided with a concurrent pathway to complete an equivalent course in general mathematics. Similarly, students who do not demonstrate the requisite HSC English are required to attend intensive workshops where they are provided with specific tuition.

There are no prior language requirements for the international studies program (see page 87).

Course duration and attendance

The course duration is five years of full-time study. The course may also be undertaken at a reduced load, provided it is completed within six years. Students spend two semesters of study at a university or other higher education institution in the country of their major. The international studies component of the course is offered at City campus only.

Course structure

Students are required to complete 252 credit points of study, comprising 156 credit points in teacher education and 96 credit points in international studies.

The teacher education component includes three streams:

- Key learning areas: develops student knowledge of the primary school syllabus and builds pedagogical skill in its implementation.
- Professional experience: builds student knowledge and skill in core aspects of teaching and learning practice, applies that practice in the field, and reflects on it critically in subsequent course elements.
- Contextual studies: where knowledge of the influences on students, on their evolving sense of themselves and their place in the social and physical world, and on their learning is examined.

The Bachelor of Arts in International Studies requires undergraduates to study a region or country major over a minimum of three years. It is not offered as a separate degree, but is completed only in combination with the professional degree program.

Overseas study

Students spend their fourth year of study at a university overseas.

Industrial training/professional practice

The primary teacher education component includes the Professional Experience stream, which allows students to complete significant teaching and learning experiences in schools and other settings. This includes a 20-day internship with a teaching and professional learning element.

Course completion requirements

CBK90005 Country major choice	96ср
STM90328 Professional Experience	48cp
STM90325 Key Learning Areas	78cp
STM90326 Contextual Studies	30cp
	Total 252cp

Course program

An example program is given for a student undertaking the course full time with the Germany major as the international studies major. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major.

Year 1

Autumn semester

012208	English Education 1	6ср
012217	Personal Development, Health and Physical	•
	Education 1	6ср
012220	Visual Arts Education	6ср
012231	Professional Experience 1: Beginning Teaching	6ср
Spring ser	nester	
012215	Social and Environmental Education 1	6ср
012219	Music, Movement and Dance	6ср
012222	Child Development	6ср
012232	Professional Experience 2: Developing Classroom	•
	Management	6ср

Year 2

Autumn s	emester	
012210 012233	Mathematics Teaching and Learning 1 Professional Experience 3: Integrating Learning	6ср
	Technologies	6ср
976001	Foundations in International Studies	8cp
97601	German Language and Culture 1	8cp
Spring se	mester	
012209	English Education 2	6ср
012218	Personal Development, Health and Physical	
010004	Education 2	6ср
012234	Professional Experience 4: Integrating Diverse	600
97602	Contexts in Education German Language and Culture 2	6ср 8ср
	German Euriguage and Culture 2	оср
Year 3		
Autumn s	emester	
012216	Social and Environmental Education 2	6ср
012223	Research in Learning	6ср
012235	Professional Experience 5: Teaching Students	600
97603	with Special Educational Needs German Language and Culture 3	6ср 8ср
	0 0	оср
Spring se		,
012211 012236	Mathematics Teaching and Learning 2	6ср
012230	Professional Experience 6: Programming and Assessing in Education	6ср
97604	German Language and Culture 4	8cp
976421	Contemporary Germany	8cp
Year 4		
Autumn s	emester	
977420	In-country Study 1: Germany	24cp
Spring se	mester	•
978420	In-country Study 2: Germany	24cp
V		r
Year 5		
Autumn s		
012212	Mathematics Teaching and Learning 3	6ср
012213	Learning in Science and Technology 1	6cp
012221 012237	Philosophical and Ethical Practice in Education Professional Experience 7: Meeting the English	6ср
012237	Language Needs of Learners	6ср
Carina co		оср
Spring se		(
012214 012224	Learning in Science and Technology 2 Sociology of Education	6ср 6ср
012224	Issues in Indigenous Australian Education	6ср
012238	Professional Experience 8: Reflecting on	P

Professional recognition

Educational Practice

The course provides a teaching qualification recognised by the NSW Department of Education and Training, Association of Independent Schools, Catholic Education Office, and is also recognised internationally. Accreditation of the primary teacher education component of the course is through the New South Wales Institute of Teachers (NSWIT). To gain employment as a teacher in NSW schools, graduands must meet the requirements of the NSWIT, including language proficiency.

6ср

Other information

Further information on the teacher education component is available from UTS: Education on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.education.uts.edu.au

Further information on the international studies component is available from the Building 1 Student Centre on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.internationalstudies.uts.edu.au

C10209v4 Bachelor of Arts in Educational Studies

Award(s): Bachelor of Arts in Educational Studies (BA)

CRICOS code: 060168A

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3

Location: Kuring-gai campus

Note(s)

This is an exit-only course. There is no direct admission to it. Current UTS students may be able to transfer into this course. Check with your faculty.

Overview

From 2002, students who originally enrolled in the Bachelor of Education in Primary Education (C10206) (see page 219), Bachelor of Education in Special Education (C10207), Bachelor of Education Bachelor of Arts in International Studies (C10208) (see page 221) or the Bachelor of Teaching in Secondary Education (C08002) (see page 468) have the opportunity of changing to this three-year degree (subject to the approval of the program director). This degree does not provide qualifications to teach.

Career options

Careers are education related.

Course duration and attendance

The course duration is three years of full-time study.

Course structure

Students complete 144 credit points of study.

Course completion requirements

Select one of the following: 144cp
CBK90121 Primary Education 144cp
CBK90601 Secondary Education 144cp
Total 144cp

Exit award

This exit-only course enables students originally enrolled in the Bachelor of Education in Primary Education (C10206) (see page 219), Bachelor of Education in Special Education (C10207), Bachelor of Education Bachelor of Arts in International Studies (C10208) (see page 221) or the Bachelor of Teaching in Secondary Education (C08002) (see page 468) to transfer to this course and complete with a three-year, non-teaching qualification.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10214v3 Bachelor of Construction Project Management

Award(s): Bachelor of Construction Project Management (BCPM) UAC code: 602025 CRICOS code: 044183B

Commonwealth-supported place?: Yes Load credit points: 192

Course EFTSL: 4 Location: City campus

Overview

Widely regarded as one of the most respected courses within the industry, the Bachelor of Construction Project Management provides a comprehensive construction education. This unique degree provides graduates with the broader skills and knowledge base required to meet the changing demands of the construction, infrastructure and related industries.

This course puts students at the forefront of contemporary industry practice as they deal with real-life examples and case studies that facilitate the application of theory in a way that is practical and relevant.

Graduates are renowned among employers for their practical knowledge and professional skills.

The course satisfies all the main accreditation requirements for the disciplines of construction management and quantity surveying. Students can also study sub-majors in areas of particular interest. Examples include sub-majors in environmental studies and architectural studies. The course also provides skills and knowledge that can be applied in other industries such as mining, petrochemicals and infrastructure development.

The course offers a unique blend of theory and practice that incorporates concurrent industrial experience with the end result being that students graduate as highly skilled and sought-after professionals.

Course aims

This course is concerned with the management of all aspects of the construction process, including business management, construction management, design management, project management, quantity surveying, contract administration and property development. It delivers all the recognised competencies for construction project management professionals while introducing the prospect of diversifying into project management.

Career options

Career opportunities for graduates include project manager, construction manager, construction economist, quantity surveyor, design manager, environmental manager, contract manager, site manager, construction programmer, cost engineer, estimator, facility manager and property developer.

Graduates have a wide range of employment opportunities and can work in both the private and public sectors for employers such as building proprietors, contractors, developers, government bodies and consultancy practices or be self-employed entrepreneurs. As key professionals in the construction industry, graduates work closely with other professional disciplines, industry groups and development authorities

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

UTS: Design, Architecture and Building may consider applications based on the results of the Special Tertiary Admissions Test (STAT) if students lack academic qualifications but have extensive professional experience. The STAT is conducted through the Universities Admissions Centre.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics and any two units of English.

Credit recognition

Students with prior academic or industrial experience are considered for credit recognition for up to a maximum of 96 credit points (50 per cent of the course) and may be given the opportunity to tailor their program of study in line with subjects completed previously at other institutions. Contact a UTS Student Centre for further information.

Course duration and attendance

The course is offered on a four-year, full-time or six-year, parttime basis. Students may transfer between part-time and full-time attendance patterns. Part-time students attend one day and one evening a week. Full-time students may be expected to attend at any time during the week. The contact hours allocated to each subject are nominal and often involve a combination of lectures, tutorials, workshops and self-directed teaching methods. Some subjects are offered online and, according to demand, some subjects may be offered over Summer session.

Course structure

The course program consists of 192 credit points, comprising 28 6-credit-point core subjects and four 6-credit-point electives, the latter chosen either from within UTS: Design, Architecture and Building or from the many electives offered by other faculties throughout the

Students undertaking four elective subjects (24 credit points) within a common area are eligible for a sub-major. Sub-majors are offered in project management, construction finance/economics and architectural studies, depending on demand.

Industrial training/professional practice

In this course, the value of concurrent industry experience is recognised and students are required to accumulate relevant industry experience prior to graduating. The course provides part-time and flexible study options to enable students to gain this valuable industry experience during their studies.

Course completion requirements

STM90373 Core subjects	168cp
CBK90242 Sub-major/Electives (DAB)	24cp
•	Total 192cp

Course program

The example program below is for a student commencing in Autumn semester and undertaking the course full time.

Full time

Autumn semester

Year 1

16468	Introduction to the Built Environment	6ср
16466	Built Environment Economics	6ср
16109	Construction Technology 1	6ср
16137	Digital Built Environment	6ср
Spring se	mester	
16467	Built Environment Law	6ср
16103	Materials Science	6ср
16266	Sustainable Urban Design and Development	6ср
16265	Construction Technology 2	6ср
Year 2		
Autumn s	emester	
16206	Structures	6ср
16912	Site Management	6ср
16138	Site Establishment	6ср
16212	Digital Design and Construction 1	6ср
Spring se	mester	
16105	Cost Management 1: Measurement	6ср
16314	Construction Technology 3	6ср
16913	Time and Quality Management	6cp
11204	Integrated Services	6ср
Year 3		
Autumn s	emester	
16317	Risk and Safety Management	6ср
16203	Cost Management 2: Estimating	6ср
16263	Design Team Management	6ср
Select 6 cr	redit points of electives	6ср
Spring se	mester	
16423	Procurement and Contract Management	6ср
16422	Construction Technology 4	6ср
	Cool Monor and Cool Disposition	(
16207	Cost Management 3: Cost Planning	6ср

Year 4

Autumn semester

16264 16470 16412	Accounting and Business Management Digital Design and Construction 2 Cost Management 4: Advanced Estimating	6ср 6ср 6ср
Select 6 cr	edit points of electives	6ср
Spring ser	mester	
16914	Human Resources and Communications	
	Management	6ср
16469	Professional Practice	6ср
16307	Project Management Integration	6ср
Select 6 cr	edit points of electives	6ср

Levels of award

The Bachelor of Construction Project Management may be awarded with first class or second class honours based on the students' academic performance over the entirety of their studies. The class of honours is determined by academic merit.

Professional recognition

Royal Institution of Chartered Surveyors (RICS); Australian Institute of Quantity Surveyors (AIQS); Australian Institute of Building (AIB); Chartered Institute of Building (CIOB)

Other information

Further information is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

C10215v3 Bachelor of Construction **Project Management Bachelor of** Arts in International Studies

Award(s): Bachelor of Construction Project Management (BCPM)

Bachelor of Arts in International Studies (BA)

UAC code: 609195

CRICOS code: 047836A

Commonwealth-supported place?: Yes

Load credit points: 288 Course FFTSL · 6 Location: City campus

Overview

Widely regarded as one of the most respected courses within industry, the Bachelor of Construction Project Management provides a comprehensive construction education. The combined Bachelor of Construction Project Management Bachelor of Arts in International Studies aims to provide graduates not only with those skills necessary for the management of all aspects of the construction process, but also to develop perspectives and understandings that enable them to meet the demands of an internationalised professional environment.

This course puts students at the forefront of industry as they deal with real-life examples, applying theory in a way that is practical and relevant. Graduates are renowned among employers for their hands-on knowledge and professional skills.

The course satisfies all the main accreditation requirements for the disciplines of quantity surveying and construction management and students can study a sub-major in project management or construction finance and economics. It also provides skills and knowledge that can be applied in other industries, such as mining, petrochemicals and infrastructure

UTS: Design, Architecture and Building offer a unique blend of theory and practice so that students graduate as highly skilled and soughtafter professionals. Concurrent industrial experience is a feature of the course with students required to acquire a specified level of industry experience before graduating.

Graduates also possess an advanced understanding of the language and culture of their chosen country of study, thus enabling them to pursue a range of career paths both locally and internationally.

Course aims

This course is concerned with management of all aspects of the construction process, including business management, construction management, design management, quantity surveying, contract management and property development. It delivers all the recognised competencies for construction project management professionals while introducing the prospect of diversifying into project management.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Admission to the combined degree is on merit according to the admissions policy for the Bachelor of Construction Project Management (C10214) (see page 223). There is a range of entry levels to the various language and culture programs. Students are admitted to the international studies program (see page 87) with no guarantee of entry to a specific major, although every effort is made to meet students' preferences.

 $The \, English \, proficiency \, requirement \, for \, international \, students \, or \, local \,$ applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

There are no prior language requirements for the international studies program (see page 87).

Course duration and attendance

The course duration is six years of full-time study. The contact hours allocated to each subject are nominal and often involve a combination of lectures, tutorials, workshops and self-directed teaching methods. Some subjects are delivered electronically through UTSOnline. Students spend two semesters of study at a university or other higher education institution in the country of their major.

Course structure

Students must complete 288 credit points, comprising 192 credit points in construction project management and 96 credit points in international studies. The construction project management component comprises 28 6-credit-point core subjects and four 6-creditpoint electives. Electives can be chosen either from within UTS: Design, Architecture and Building or from the many electives offered by course areas throughout the University. Students undertaking four elective subjects (24 credit points) within a common area are eligible for a sub-major. Sub-majors are offered in three areas, depending on demand. Work experience comprises an important component of the course. The Bachelor of Arts in International Studies requires undergraduates to study a region or country major over a minimum of three years. The Bachelor of Arts in International Studies is not offered as a separate degree, but is completed only in combination with the professional degree program.

Overseas study

Students spend their fourth year of study at a university overseas.

Industrial training/professional practice

In the Bachelor of Construction Project Management, the value of hands-on experience is recognised and part-time work in the industry is encouraged; all students are required to accumulate relevant industry experience prior to graduating. The course provides parttime and flexible study options to enable students to gain this valuable industry experience during their studies.

Course completion requirements

Course completion requirements	
CBK90005 Country major choice	96cp
CBK90242 Sub-major/Electives (DAB)	24cp
STM90373 Core subjects	168cp
,	Total 288cp

Course program

The example program below is for a student commencing in Autumn semester and undertaking the course with the Germany major as the international studies major. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major.

Management

Select 6 credit points of electives

Year 1		
Autumn s	emester	
16137	Digital Built Environment	6ср
16466	Built Environment Economics	6cp
16109 16468	Construction Technology 1 Introduction to the Built Environment	6cp
		6ср
Spring se 16103	Materials Science	6ср
16266	Sustainable Urban Design and Development	6ср
16265	Construction Technology 2	6ср
16467	Built Environment Law	6ср
Year 2		
Autumn s	emester	
97601	German Language and Culture 1	8cp
976001 16206	Foundations in International Studies Structures	8ср 6ср
16912	Site Management	6ср
Spring se	mester	•
16314	Construction Technology 3	6ср
97602	German Language and Culture 2	8cp
16105	Cost Management 1: Measurement	6ср
Year 3		
Autumn s	emester	
16138	Site Establishment	6cp
97603 16212	German Language and Culture 3 Digital Design and Construction 1	8ср 6ср
Spring se	0 0	ocp
97604	German Language and Culture 4	8ср
976421	Contemporary Germany	8cp
16913	Time and Quality Management	6ср
11204	Integrated Services	6ср
Year 4		
Autumn s		
977420	In-country Study 1: Germany	24cp
Spring se		2.4
978420	In-country Study 2: Germany	24cp
Year 5		
Autumn s	emester	
16263	Design Team Management	6cp
16203 16317	Cost Management 2: Estimating Risk and Safety Management	6ср 6ср
	redit points of electives	
Spring se	•	6ср
16207	Cost Management 3: Cost Planning	6ср
16422	Construction Technology 4	6ср
16423	Procurement and Contract Management	6cp
Select 6 cr	redit points of electives	6ср
Year 6		
Autumn s	emester	
16264	Accounting and Business Management	6ср
16412	Cost Management 4: Advanced Estimating	6ср
16470	Digital Design and Construction 2	6ср
	redit points of electives	6ср
Spring se		
16307 16469	Project Management Integration Professional Practice	6cp
16914	Human Resources and Communications	6ср
	Management	6cn

6ср

6cp

Levels of award

The Bachelor of Construction Project Management may be awarded with first class or second class honours based on students' academic performance over the entirety of their studies. The class of honours is determined by academic merit.

Professional recognition

Royal Institution of Chartered Surveyors (RICS); Australian Institute of Quantity Surveyors (AIQS); Australian Institute of Building (AIB); Chartered Institute of Building (CIOB).

Other information

Further information on the construction component is available from the Building 6 Student Centre on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

Further information on the international studies component is available from the Building 1 Student Centre on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.internationalstudies.uts.edu.au

C10219v4 Bachelor of Business Bachelor of Science in Information Technology

Award(s): Bachelor of Business (BBus)

Bachelor of Science in Information Technology (BSc)

UAC code: 603220 CRICOS code: 047835B

Commonwealth-supported place?: Yes

Load credit points: 192 Course EFTSL: 4 Location: City campus

Overview

This course is offered jointly by UTS: Information Technology and UTS: Business and is awarded with two testamurs. The information technology component provides a sound education in all aspects of computing and information technology for students who intend to make a career in the profession. The business component provides students with the knowledge, competencies and values necessary for fulfilling an effective career in business.

Graduates with solid IT skills who also understand business operations are in strong demand in industry. This combined program allows students to gain two degrees, leading towards a career in business IT operations in only four years.

Course aims

The aim of this course is to prepare graduates to apply an in-depth knowledge of information technology to the business activities of an organisation.

Career options

Career options include accountant, advertising consultant, analyst/programmer, banker, business analyst, economist, financial planner, information systems developer, ICT business analyst, IT project manager, management consultant, marketing manager, network specialist, software developer, systems analyst and web developer.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Non-current school leavers are advised to complete the employment question on their UAC application and provide supporting statements of employment to UAC as bonus points may be awarded on the basis of relevant work experience.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583

overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics and any two units of English.

HSC Mathematics Extension 1 and English Advanced are recommended.

External articulation

Students who gain entry through the UTS INSEARCH pathway are eligible for 48 credit points of credit recognition.

Students who have completed a relevant diploma at TAFE NSW may be eligible for credit recognition if subjects previously completed are equivalent to existing UTS subjects. Details are available from the Building 10 Student Centre.

Credit recognition

Students who have previously undertaken study at a university or other recognised tertiary education institution may be eligible for some academic credit for their prior study if the subjects previously completed are deemed by the Faculty of Engineering and Information Technology to be equivalent to subjects in the course.

The prior study must have been completed before commencement of this course, but no earlier than three years before commencement. Students must be able to demonstrate that their knowledge is current.

Credit recognition is not normally granted in this course for study completed at a private college except where UTS has an external articulation agreement with the college. For further details see:

www.it.uts.edu.au/courses/undergraduate/credit-recognition.html

There are no exemptions granted for the networking subjects 31270, 31277 and 31283 without the successful completion of the challenge test for each of the these subjects. A challenge test is granted at enrolment time to students who have completed the CCNA curriculum (or CCNP) at a university and/or TAFE diploma level where the awarding institution is a CISCO Networking Academy. These challenge tests are always held in the week before the commencement of semester.

Course duration and attendance

The course duration is four years of full-time study. Some subjects may be offered in an optional Summer session so that students can fast-track their studies.

Course structure

Students are required to complete 192 credit points, comprising 96 credit points of study in business and 96 credit points of study in information technology.

In the business component, students must complete eight foundation core subjects (6 credit points each) and a business major (48 credit points).

In the information technology component, students must complete eight foundation core subjects (6 credit points each) and an IT major (48 credit points).

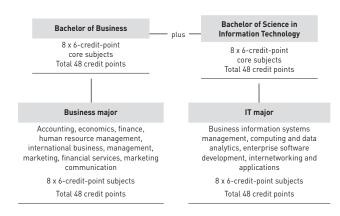
Industrial training/professional practice

Industrial training is available as an additional year and students enrol into the Diploma in Information Technology Professional Practice (C20049) (see page 299) once they have secured suitable full-time employment. This incorporates a minimum of nine months full-time work experience with four supporting subjects at UTS. Full-time students normally undertake the industrial training after completing Year 3. International students can work full-time for the duration of the diploma.

Course completion requirements

CBK90169 Major choice (Business)	48cp
STM90273 Core subjects (Business)	48cp
STM90651 Core subjects (Information Technology)	48cp
CBK90781 Major choice (Information Technology)	48cp
,	Total 192cp

Course diagram



Course program

Example programs are shown below for each IT major for a student who has chosen Human Resource Management for the business major. Students choose one business major (from CBK90169) and one IT major (from CBK90781).

Note: Subjects listed as electives and IT major subjects are only offered in a particular semester (or year) if there is sufficient demand and the necessary resources.

Business	

MAJ08437	Accounting	48cp
MAJ08438	Management	48cp
MAJ08440	Finance	48cp
MAJ08441	Marketing	48cp
MAJ08442	International Business	48cp
MAJ08446	Human Resource Management	48cp
MAJ09209	Economics	48cp
MAJ08068	Financial Services	48cp
MAJ08116	Marketing Communication	48cp
	5	-

Business Information Systems Management major

Introduction to Information Systems

Business Requirements Modelling

Year 1

31266

31269

Autumn	semester
31265	Communication for IT Professionals

26100	Accounting for Business Decisions A Integrating Business Perspectives	6cp 6cp
Spring se	emester	
48023	Programming Fundamentals	6ср
31268	Web Systems	6ср
23115	Economics for Business	6ср
26134	Business Statistics	6ср
Year 2		

6ср

6ср

6ср

6ср

6cp

Autumn semester 21129 Managing People and Organisations

31270 22207	Networking Essentials Accounting for Business Decisions B	6cp 6cp
Spring ser	mester	
31271	Database Fundamentals	6ср
25300	Fundamentals of Business Finance	6cp
24108	Marketing Foundations	6cp
31247	Collaborative Business Processes	6cp
Year 3		
Autumn s	emester	
21555	Human Resource Management	6ср

21510

21036

31257	Information System Development	
	Methodologies	6ср
31255	Finance and IT	6ср
Spring s	emester	
31272	Project Management and the Professional	6ср
21440	Management Skills	6ср
31245	Business Process and IT Strategy	6cp

The Global Context of Management

Managing Strategic Performance

010	semester		
21037	Managing Employee Relations		6
21512	Understanding Organisations: Theory and Practice		6
31258	Innovations for Global Relationship		6
31276	Management Networked Enterprise Architecture		6
	•		•
эргиід s 21505	emester Human Resource Management (Capstone)		-
21303	Strategic Human Resource Management		6
31280	Strategic IT Project		6
31282	Systems Testing and Quality Management		6
Comput	ting and Data Analytics major		
Year 1			
Autumn	semester		
31265	Communication for IT Professionals		6
31266	Introduction to Information Systems		6
22107	Accounting for Business Decisions A		6
26100	Integrating Business Perspectives		6
	emester		
48023	Programming Fundamentals		6
31268	Web Systems		6
23115 26134	Economics for Business Business Statistics		6
	Duamicaa Aiduatica		6
Year 2			
	Managing Poople and Organizations		
21129 31269	Managing People and Organisations Business Requirements Modelling		6
31270	Networking Essentials		6
22207	Accounting for Business Decisions B		6
Spring s	emester		
31271	Database Fundamentals		6
25300	Fundamentals of Business Finance		6
24108	Marketing Foundations		6
48024	Applications Programming		6
Year 3			
A t	comoctor		
	Semester Human Resource Management		,
21555	Human Resource Management		
21555 21510	Human Resource Management The Global Context of Management		6
21555 21510 35101	Human Resource Management		6
21555 21510 35101 31251 Spring s	Human Resource Management The Global Context of Management Introduction to Linear Dynamical Systems Data Structures and Algorithms emester		6
21555 21510 35101 31251 Spring s 21440	Human Resource Management The Global Context of Management Introduction to Linear Dynamical Systems Data Structures and Algorithms emester Management Skills		6
21555 21510 35101 31251 Spring s 21440 21036	Human Resource Management The Global Context of Management Introduction to Linear Dynamical Systems Data Structures and Algorithms emester Management Skills Managing Strategic Performance		6
21555 21510 35101 31251 Spring s 21440 21036 35151	Human Resource Management The Global Context of Management Introduction to Linear Dynamical Systems Data Structures and Algorithms emester Management Skills Managing Strategic Performance Introduction to Statistics		6
21555 21510 35101 31251 Spring s 21440 21036 35151 31272	Human Resource Management The Global Context of Management Introduction to Linear Dynamical Systems Data Structures and Algorithms emester Management Skills Managing Strategic Performance		6
21555 21510 35101 31251 Spring s 21440 21036 35151 31272 Year 4	Human Resource Management The Global Context of Management Introduction to Linear Dynamical Systems Data Structures and Algorithms emester Management Skills Managing Strategic Performance Introduction to Statistics Project Management and the Professional		6
21555 21510 35101 31251 Spring s 21440 21036 35151 31272 Year 4 Autumn	Human Resource Management The Global Context of Management Introduction to Linear Dynamical Systems Data Structures and Algorithms emester Management Skills Managing Strategic Performance Introduction to Statistics Project Management and the Professional		
21555 21510 35101 31251 Spring s 21440 21036 35151 31272 Year 4 Autumn 21037	Human Resource Management The Global Context of Management Introduction to Linear Dynamical Systems Data Structures and Algorithms emester Management Skills Managing Strategic Performance Introduction to Statistics Project Management and the Professional semester Managing Employee Relations		
21555 21510 35101 31251 Spring s 21440 21036 35151 31272 Year 4 Autumn 21037 31250	Human Resource Management The Global Context of Management Introduction to Linear Dynamical Systems Data Structures and Algorithms emester Management Skills Managing Strategic Performance Introduction to Statistics Project Management and the Professional semester Managing Employee Relations Introduction to Data Analytics Understanding Organisations: Theory		
21555 21510 35101 31251 Spring s 21440 21036 35151 31272 Year 4 Autumn 21037 31250 21512	Human Resource Management The Global Context of Management Introduction to Linear Dynamical Systems Data Structures and Algorithms emester Management Skills Managing Strategic Performance Introduction to Statistics Project Management and the Professional semester Managing Employee Relations Introduction to Data Analytics Understanding Organisations: Theory and Practice		
21555 21510 35101 31251 Spring s 21440 21036 35151 31272 Year 4 Autumn 21037 31250 21512	Human Resource Management The Global Context of Management Introduction to Linear Dynamical Systems Data Structures and Algorithms emester Management Skills Managing Strategic Performance Introduction to Statistics Project Management and the Professional semester Managing Employee Relations Introduction to Data Analytics Understanding Organisations: Theory and Practice credit points from the following options:	600	
21555 21510 35101 31251 Spring s 21440 21036 35151 31272 Year 4 Autumn 21037 31250 21512 Select 6 6 31284	Human Resource Management The Global Context of Management Introduction to Linear Dynamical Systems Data Structures and Algorithms emester Management Skills Managing Strategic Performance Introduction to Statistics Project Management and the Professional semester Managing Employee Relations Introduction to Data Analytics Understanding Organisations: Theory and Practice credit points from the following options: Web Services Development	6cp	
21555 21510 35101 31251 Spring s 21440 21036 35151 31272 Year 4 Autumn 21037 31250 21512 Select 6 6 31284 31253	Human Resource Management The Global Context of Management Introduction to Linear Dynamical Systems Data Structures and Algorithms emester Management Skills Managing Strategic Performance Introduction to Statistics Project Management and the Professional semester Managing Employee Relations Introduction to Data Analytics Understanding Organisations: Theory and Practice credit points from the following options: Web Services Development Database Programming	6ср	
21555 21510 35101 31251 Spring s 21440 21036 35151 31272 Year 4 Autumn 21037 31250 21512 Select 6 of 31284 31253 31259	Human Resource Management The Global Context of Management Introduction to Linear Dynamical Systems Data Structures and Algorithms emester Management Skills Managing Strategic Performance Introduction to Statistics Project Management and the Professional semester Managing Employee Relations Introduction to Data Analytics Understanding Organisations: Theory and Practice credit points from the following options: Web Services Development		
21555 21510 35101 31251 Spring s 21440 21036 35151 31272 Year 4 Autumn 21037 31250 21512 Select 6 of 31284 31253 31259 31243	Human Resource Management The Global Context of Management Introduction to Linear Dynamical Systems Data Structures and Algorithms emester Management Skills Managing Strategic Performance Introduction to Statistics Project Management and the Professional semester Managing Employee Relations Introduction to Data Analytics Understanding Organisations: Theory and Practice credit points from the following options: Web Services Development Database Programming Intelligent Agents	6ср 6ср	
21555 21510 35101 31251 Spring s 21440 21036 35151 31272 Year 4 Autumn 21037 31250 21512 Select 6 of 31284 31253 31259 31243 31256 Spring s	Human Resource Management The Global Context of Management Introduction to Linear Dynamical Systems Data Structures and Algorithms emester Management Skills Managing Strategic Performance Introduction to Statistics Project Management and the Professional semester Managing Employee Relations Introduction to Data Analytics Understanding Organisations: Theory and Practice credit points from the following options: Web Services Development Database Programming Intelligent Agents Analytics Capstone Project B Image Processing and Pattern Recognition emester	6cp 6cp 6cp	
21555 21510 35101 31251 Spring s 21440 21036 35151 31272 Year 4 Autumn 21037 31250 21512 Select 6 of 31284 31253 31259 31243 31256 Spring s 21505	Human Resource Management The Global Context of Management Introduction to Linear Dynamical Systems Data Structures and Algorithms emester Management Skills Managing Strategic Performance Introduction to Statistics Project Management and the Professional semester Managing Employee Relations Introduction to Data Analytics Understanding Organisations: Theory and Practice credit points from the following options: Web Services Development Database Programming Intelligent Agents Analytics Capstone Project B Image Processing and Pattern Recognition emester Human Resource Management (Capstone)	6cp 6cp 6cp	
21555 21510 35101 31251 Spring s 21440 21036 35151 31272 Year 4 Autumn 21037 31250 21512 Select 6 of 31284 31253 31259 31243 31256 Spring s 21505	Human Resource Management The Global Context of Management Introduction to Linear Dynamical Systems Data Structures and Algorithms emester Management Skills Managing Strategic Performance Introduction to Statistics Project Management and the Professional semester Managing Employee Relations Introduction to Data Analytics Understanding Organisations: Theory and Practice credit points from the following options: Web Services Development Database Programming Intelligent Agents Analytics Capstone Project B Image Processing and Pattern Recognition emester	6cp 6cp 6cp	
21555 21510 35101 31251 Spring s 21440 21036 35151 31272 Year 4 Autumn 21037 31250 21512 Select 6 of 31284 31253 31259 31243 31259 31243 Spring s 21505 21407 Select 12	Human Resource Management The Global Context of Management Introduction to Linear Dynamical Systems Data Structures and Algorithms emester Management Skills Managing Strategic Performance Introduction to Statistics Project Management and the Professional semester Managing Employee Relations Introduction to Data Analytics Understanding Organisations: Theory and Practice credit points from the following options: Web Services Development Database Programming Intelligent Agents Analytics Capstone Project B Image Processing and Pattern Recognition emester Human Resource Management (Capstone) Strategic Human Resource Management	6cp 6cp 6cp 6cp	
21555 21510 35101 31251 Spring s 21440 21036 35151 31272 Year 4 Autumn 21037 31250 21512 Select 6 of 31284 31253 31259 31243 31256 Spring s 21505 21407 Select 12 31284	Human Resource Management The Global Context of Management Introduction to Linear Dynamical Systems Data Structures and Algorithms emester Management Skills Managing Strategic Performance Introduction to Statistics Project Management and the Professional semester Managing Employee Relations Introduction to Data Analytics Understanding Organisations: Theory and Practice credit points from the following options: Web Services Development Database Programming Intelligent Agents Analytics Capstone Project B Image Processing and Pattern Recognition emester Human Resource Management (Capstone) Strategic Human Resource Management Credit points from the following options: Web Services Development	6cp 6cp 6cp 6cp	
21555 21510 35101 31251 Spring s 21440 21036 35151 31272 Year 4 Autumn 21037 31250 21512 Select 6 of 31284 31253 31256 Spring s 21505 21407 Select 12 31284 31284 31253	Human Resource Management The Global Context of Management Introduction to Linear Dynamical Systems Data Structures and Algorithms emester Management Skills Managing Strategic Performance Introduction to Statistics Project Management and the Professional semester Managing Employee Relations Introduction to Data Analytics Understanding Organisations: Theory and Practice credit points from the following options: Web Services Development Database Programming Intelligent Agents Analytics Capstone Project B Image Processing and Pattern Recognition emester Human Resource Management (Capstone) Strategic Human Resource Management Credit points from the following options: Web Services Development Database Programming	6cp 6cp 6cp 6cp	
21555 21510 35101 31251 Spring s 21440 21036 35151 31272 Year 4 Autumn 21037 31250 21512 Select 6 6 31284 31253 31259 31243 31256 Spring s 21505 21407	Human Resource Management The Global Context of Management Introduction to Linear Dynamical Systems Data Structures and Algorithms emester Management Skills Managing Strategic Performance Introduction to Statistics Project Management and the Professional semester Managing Employee Relations Introduction to Data Analytics Understanding Organisations: Theory and Practice credit points from the following options: Web Services Development Database Programming Intelligent Agents Analytics Capstone Project B Image Processing and Pattern Recognition emester Human Resource Management (Capstone) Strategic Human Resource Management Credit points from the following options: Web Services Development	6cp 6cp 6cp 6cp	

Enterpr	ise Systems Development major			Spring s	emester		
Year 1				31271	Database Fundamentals		6ср
Autumn	romostor			25300	Fundamentals of Business Finance		6cp
31265	Communication for IT Professionals		6cn	24108 48024	Marketing Foundations Applications Programming		6ср 6ср
31266	Introduction to Information Systems		6ср 6ср		1. P. P. T. C. S. W. T. S. W. T. C. S. W. T. W. T. S. W. T. S. W. T. S. W. T. C. S. W. T. W. T. S. W. T. W. T. S. W.		ocp
22107	Accounting for Business Decisions A		6cp	Year 3			
26100	Integrating Business Perspectives		6ср		semester		
Spring se	mester			21510 21555	The Global Context of Management		6cp
48023	Programming Fundamentals		6ср	31284	Human Resource Management Web Services Development		6ср 6ср
31268 23115	Web Systems Economics for Business		6cp	31277	Routing and Internetworks		6ср
26134	Business Statistics		6ср 6ср	Spring s	emester		
Year 2			1	31272	Project Management and the Professional		6ср
				21440	Management Skills		6ср
Autumn s			,	31275 21036	Mobile Networking Managing Stratogic Performance		6cp
21129 31269	Managing People and Organisations Business Requirements Modelling		6ср 6ср		Managing Strategic Performance		6ср
31270	Networking Essentials		6ср	Year 4			
22207	Accounting for Business Decisions B		6cp	Autumn	semester		
Spring se	emester			31246	Network Design		6ср
31271	Database Fundamentals		6ср	21037 21512	Managing Employee Relations Understanding Organisations: Theory		6ср
25300	Fundamentals of Business Finance		6ср	21312	and Practice		6ср
24108 48024	Marketing Foundations Applications Programming		6cp		credit points from the following options:		6cp
	Applications i rogramming		6ср	31242	Advanced Internet Programming	6cp	
Year 3				31254 31261	e-Commerce Internetworking Project	6ср 6ср	
Autumn s	semester			31274	Network Management	6ср	
21555	Human Resource Management		6ср	31283	WANs and Virtual LANs	6ср	
21510 31260	The Global Context of Management Interface Design		6ср 6ср	31285	Mobile Applications Development	6ср	
31251	Data Structures and Algorithms		6ср	Spring s	emester		
Spring se	ű.		1	21505	Human Resource Management (Capstone)		6ср
21440	Management Skills		6ср	21407 31252	Strategic Human Resource Management Network Security		6ср 6ср
31281	Systems Development Project		12cp		•		
21036	Managing Strategic Performance		6ср	31242	credit points from the following options: Advanced Internet Programming	6ср	6ср
Year 4				31254	e-Commerce	6cp	
Autumn s	semester			31261	Internetworking Project	6cp	
31272	Project Management and the Professional		6ср	31274 31283	Network Management WANs and Virtual LANs	6ср 6ср	
21037	Managing Employee Relations		6ср	31285	Mobile Applications Development	6ср	
21512	Understanding Organisations: Theory and Practice		6an	11-		1	
Select 6 c	redit points from the following options:		6ср 6ср		s of award	_	
31253	Database Programming	6ср	1		nelor of Science in Information Technology may istinction, credit or pass.	be awa	arded
48433	Software Architecture	6cp		willi a u.	istifiction, credit or pass.		
31284	Web Services Development	6ср		Honou	ırs		
Spring se					s interested in research and who excel in their		
21505 21407	Human Resource Management (Capstone) Strategic Human Resource Management		6cp		to undertake one additional full-time year of		
48440	Software Engineering Practice		6ср 6ср		r of Science (Honours) in Information Technolo e 111) or the Bachelor of Business (Honours) (G		
Select 6 c	redit points from the following options:		6ср		8). The honours year is also available on a par		
31253	Database Programming	6ср	оср	over two	years.		
48433	Software Architecture	6ср		Profes	ssional recognition		
31284	Web Services Development	6ср			tes are eligible for professional-level member	rshin c	of the
Internet	working and Applications major				an Computer Society. Students who complete the		
Year 1				major m	nay be eligible for membership of CPA Austr	alia an	d/or
Autumn	comostor				tute of Chartered Accountants in Australia. For		
31265	Communication for IT Professionals		6ср		cions, refer to the Bachelor of Business (C10026) (s	ee page	: 131).
31266	Introduction to Information Systems		6ср	Other	information		
22107	Accounting for Business Decisions A		6cp	Further i	information is available from:		
26100	Integrating Business Perspectives		6ср	Building	; 10 Student Centre		
Spring se				telephon	ne 1300 ask UTS (1300 275 887)		
48023	Programming Fundamentals		6cp	_	9514 1222		
31268 23115	Web Systems Economics for Business		6ср 6ср	Ask UTS	S www.ask.uts.edu.au		
26134	Business Statistics		6ср				
Year 2			Г				
Autumn s 21129			6cn				
31269	Managing People and Organisations Business Requirements Modelling		6ср 6ср				
31270	Networking Essentials		6cp				
22207	Accounting for Business Decisions B		6ср				

Undergraduate courses

C10224v2 Bachelor of Mathematics and Computing Bachelor of Arts in International Studies

Award(s): Bachelor of Mathematics and Computing (BMathComp) Bachelor of Arts in International Studies (BA)

UAC code: 609225 CRICOS code: 067091E

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Note(s)

For international students, mid-year (July/August) intake may be considered on a case-by-case basis by the faculty.

This course integrates studies in mathematics and computing with immersion in another language and culture, enhancing professional training and career options. The course is designed to meet the increasing industry need for graduates with both computational and analytical skills. It offers the prospect of careers in fields which require a sound knowledge of computing together with the ability to analyse and model practical situations.

Demand for mathematics and computing skills is increasing as quantitative analysis becomes more widespread in dealing with commercial and industrial problems. There is also a growing need for teachers with skills in computing as well as mathematics, and graduates of this course are well qualified to fill this role. Employment opportunities are enhanced by the international experience of studying and living overseas.

Career options

Career options include programmer, quantitative analyst, software engineer, systems analyst and technical applications software developer. Teachers with qualifications in this field are highly sought after. Graduates of this course can expect to gain employment in a range of companies and industries that rely on IT and computational techniques, including banks, finance, insurance, logistics and transport, and manufacturing.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Admission to the combined degree is on merit according to the admissions policy for the Bachelor of Mathematics and Computing (C10158) (see page 201). There are no prior language requirements. There is a range of entry levels to the various language and culture programs. Students are admitted to the international studies program (see page 92) with no guarantee of entry to a specific major, although every effort is made to meet students' preferences.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of $\bar{4}$.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional

Course duration and attendance

The combined degree is offered only on a full-time basis over five years. Students spend two semesters of study at a university or other higher education institution in the country of their major.

Course structure

Students are required to complete 240 credit points of study, comprising 144 credit points in mathematics and computing and 96 credit points in international studies. The mathematics and computing component consists of an integrated sequence of subjects in the mathematical sciences and information technology. The international studies component requires students to study a region or country major over a minimum of three years. The Bachelor of Arts in International Studies is not offered as a separate degree, but is completed only in combination with the professional degree program.

Graduation from the mathematics and computing component of the combined degree is not possible prior to completion of all components of the combined degree. Students wishing to graduate with a Bachelor of Mathematics and Computing prior to completion of the international studies component of the combined degree must apply for transfer to the Bachelor of Mathematics and Computing (C10158) (see page 201) single degree program where they must complete all requirements for the stand-alone single degree version.

Overseas study

Students spend their fourth year of study at a university overseas.

Course completion requirements

CBK90005	Country major choice	96ср
STM90324	Mathematics foundation subjects	72cp
STM90651	Core subjects (Information Technology)	48cp
CBK90373	Sub-major choice	24cp
	,	Total 240cp

Course program

The course commences in Autumn semester. The example program shown below is for a student choosing the Enterprise Systems Development sub-major, and the Germany major as their international studies major. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects $\,$ specific to the chosen country major.

Subjects 35212 and 35252 are only available in Autumn semester. Students who wish to choose one of these subjects from the options list in Year 5 Spring semester should contact the course director to discuss possible ways to re-sequence other subjects to permit this choice.

Enterprise Systems Development sub-major

Year 1

Autumn semester

Spring semester

97604

976421

35231

Autuiiii Se	HIESTEI	
35101 35140 31265 31266	Introduction to Linear Dynamical Systems Introduction to Quantitative Management Communication for IT Professionals Introduction to Information Systems	6cp 6cp 6cp 6cp
Spring sen	nester	
35102 35151 48023 31268	Introduction to Analysis and Multivariable Calculus Introduction to Statistics Programming Fundamentals Web Systems	6cp 6cp 6cp 6cp
Year 2		
Autumn se	emester	
97601 35212 31269 35363	German Language and Culture 1 Computational Linear Algebra Business Requirements Modelling Stochastic Models	8cp 6cp 6cp 6cp
Spring sen	nester	
97602 35111 35353 31271	German Language and Culture 2 Applications of Discrete Mathematics Regression Analysis Database Fundamentals	8cp 6cp 6cp 6cp
Year 3		
Autumn se 97603 976001 31270	emester German Language and Culture 3 Foundations in International Studies Networking Essentials	8ср 8ср 6ср

German Language and Culture 4

Contemporary Germany

Differential Equations

8cp

8cp

6ср

Year 4

Autumn semester

Autuilli			
977420	In-country Study 1: Germany		24cp
Spring ser	mester		
978420	In-country Study 2: Germany		24cp
Year 5			
Autumn o	r Spring semester		
Select 12 c 31251 48440 31253 48433	redit points from the following options: Data Structures and Algorithms Software Engineering Practice Database Programming Software Architecture	6cp 6cp 6cp 6cp	12cp
Autumn s	emester		
35383 31260	High Performance Computing Interface Design		6ср 6ср
Select 6 cm 35252 35356 35232 35241	edit points from the following options: Mathematical Statistics Design and Analysis of Experiments Advanced Calculus Optimisation in Quantitative Management	6cp 6cp 6cp 6cp	6ср
Spring ser	mester		
31272 48024	Project Management and the Professional Applications Programming		6ср 6ср
Select 6 cm 35322 35335 35340 35342 35344 35355 35361 35391 35393	edit points from the following options: Advanced Analysis Mathematical Methods Quantitative Management Practice Nonlinear Methods in Quantitative Management Network and Combinatorial Optimisation Quality Control Stochastic Processes Seminar (Mathematics) Seminar (Statistics)	6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср
35393	Seminar (Statistics)	6ср	

Further study at UTS

Suitably qualified graduates are eligible to proceed to an additional year of advanced study in the Bachelor of Science (Honours) in Mathematics (C09020) (see page 112) or the Bachelor of Science (Honours) in Information Technology (C09019) (see page 111).

Professional recognition

Graduates of this course are eligible for associate-level membership of the Australian Computer Society.

Other information

Further information on the mathematics and computing component is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Further information on the international studies component is available from the Building 1 Student Centre on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.internationalstudies.uts.edu.au

C10225v2 Bachelor of Midwifery

Award(s): Bachelor of Midwifery (BMid) UAC code: 606010 (FT), 606011 (PT) Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Note(s)

This course is only offered to local students.

Students admitted to the Bachelor of Midwifery before 2012 should refer to the course entry in the 2011 handbook.

This course is not offered to international students.

Overview

The Bachelor of Midwifery incorporates midwifery theory, science and clinical practice in a range of health facilities. Graduates of the course are competent midwives who have the skills, knowledge and confidence to practise midwifery according to the international definition of the role and scope of practice of the midwife.

This course was the first Bachelor of Midwifery to be introduced in New South Wales. It provides the opportunity to apply for registration as a midwife with the Nursing and Midwifery Board of Australia without having to become a registered nurse beforehand.

Course aims

The course aims to produce informed, reflective, caring and compassionate midwives who demonstrate competencies related to professional responsibility, interpersonal processes and the exercise of clinical judgment. Graduates are capable of providing womancentred care in both hospitals and community settings. They practise reflective, evidence-based midwifery encompassing primary health care principles as well as emotional and social aspects of birth. They promote culturally sensitive care for women from indigenous and culturally and linguistically diverse communities. The course prepares students to identify and analyse the knowledge, skills and attitudes that will continue to develop them as midwives and lifelong learners. This includes meeting the challenges of contemporary midwifery practice and maternity service provision in Australia and internationally.

Career options

Career options include being a registered midwife in both hospital and community settings, and in both metropolitan and rural areas. Career progression opportunities include midwifery education and management, consultancy roles, e.g. lactation consultant and independent practice.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The UTS Year 12 Bonus Scheme awards bonus points to Australian high school applicants based on performance in HSC subjects that are relevant to the course applied for. Further details are available at:

www.under graduate.uts.edu.au/bonus points

Current school leaver applicants are assessed solely on ATAR.

Entry to the course is competitive. Applicants who are over 20 and do not have competitive recognised academic qualifications are encouraged to sit a Special Tertiary Admissions Test or complete a TAFE certificate IV qualification or higher.

Non-current school leavers are strongly advised to submit a personal statement directly to UTS by 30 November 2012. Further information is available at:

www.undergraduate.uts.edu.au/apply

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C

Eligibility for admission does not guarantee offer of a place.

6ср

Assumed knowledge

Any two units of English.

Any two units of science and any two units of mathematics are recommended.

Course duration and attendance

The course is offered at City campus on a three-year, full-time or five-year, part-time basis.

Course structure

Students must gain a minimum of 144 credit points to complete the Bachelor of Midwifery.

Full-time students study four subjects a semester incorporating midwifery theory, science and clinical practice.

Industrial training/professional practice

This course includes extensive midwifery practice, which is a compulsory component. Students undertake midwifery professional experience in an allocated area health service facility. Clinical placements occur in blocks each semester, and are in addition to time spent in the midwifery clinical practice laboratories that simulate the clinical environment. The placements involve morning, evening and possibly night shifts. Over the duration of the course, students are also required to follow 20 women throughout their pregnancy, birth and the period after birth. This requires students to be on-call to attend the labour and birth. Third-year students undertake a prolonged period of clinical experience with much of their time spent in a clinical environment. Third-year students also have the opportunity to complete a rural and remote placement.

All midwifery students must adhere to the requirements in the Ministry of Health policy directive, 'PD2011_005 Occupational Assessment, Screening and Vaccination Against Specified Infectious Diseases', prior to commencement of any clinical practice placements. The policy can be viewed at:

www.health.nsw.gov.au/policies/PD/2011/PD2011_005.html

The policy should be read in full as it outlines students' obligation for screening and immunisation against certain infectious diseases prior to commencing their clinical placement. Students are asked to provide evidence of their immunity or vaccination status, and screening for tuberculosis (TB) status may also be required prior to or at the time of commencement of the first clinical placement. Students should be aware that if they do not meet the requirements of the policy they cannot commence the placement and as a result are not able to complete the course.

Students are also required to undertake a National Criminal Record Check and obtain a National Police Certificate. Further information

www.health.nsw.gov.au/jobs/student clearance/index.asp

In the full-time program, students commence midwifery professional $% \left(1\right) =\left(1\right) \left(1\right)$ experience in the clinical setting in first year and this continues into second and third year. In the part-time program, midwifery professional experience in the clinical setting occurs in the second, fourth and fifth years of the course.

Course completion requirements

The Meaning of Birth

STM90744 First-	year subjects	48cp
STM90745 Secon	nd-year subjects	48cp
STM90746 Third	l-year subjects	48cp
		Total 144cp

Course program

Typical full-time and part-time course programs are shown below.

Full time

Year 1

92922

92927

92630

92622	Becoming a Midwife	6ср
92271	Foundations of Midwifery Practice	6cp
92272	Anatomy and Physiology: Pregnancy and	-
	Childbirth	6ср
92632	Midwifery Practice 1: Preparation for Practice	6ср
Spring s	emester	
92634	Transitions to Parenthood	6ср

Evidence-based Practice (Midwifery)

Midwifery Practice 2: Supporting Women

Year 2

Autumn semester

Year 3		
91604	Introductory Pharmacology and Microbiology	6cp
92627	Midwifery Practice 4: Complex Labour, Birth and Puerperium	6ст
	and Babies	6cp
92621	Aboriginal and Torres Strait Islander: Women	
92623	Complex Labour, Birth and Puerperium	6cr
Spring ser	nester	
92280	Complex Newborn Care	6cp
92624	Complex Pregnancy	6cr
92626	Midwifery Practice 3: Complex Pregnancy	6cr
99636	Essentials of Pathophysiology	6cp

Autumn semester

92282	Australian Health Care System	6cr
92631	Midwifery as Primary Health Care	6cr
92625	Emergencies in Maternity Care	6cr
92628	Midwifery Practice 5: Working with Women	6cp
Spring se	mester	
92286	International Perspectives in Midwifery	6cr
92633	Professional Practice	6cr
92283	Challenges in Midwifery Practice	6cr
92629	Midwifery Practice 6: Transitions to Being	-
	a Midwife	6cp
Part time		-

Year 1

Autumn	semester	
92622	Becoming a Midwife	6ср
92272	Anatomy and Physiology: Pregnancy and	-
	Childbirth	6ср

Spring Se	emester	
92922	The Meaning of Birth	6ср
92927	Evidence-based Practice (Midwifery)	6ср

Year 2

Autumn semester

92271 92632	Foundations of Midwifery Practice Midwifery Practice 1: Preparation for Practice	6ср 6ср
Spring se	mester	
92634	Transitions to Parenthood	6cp
92630	Midwifery Practice 2: Supporting Women	6cp

Year 3

ratariir seriiester	
Midwifery as Primary Health Care	6ср
Australian Health Care System	6ср
Essentials of Pathophysiology	6cp
	Midwifery as Primary Health Care Australian Health Care System

Spring semester

Autumn semester

Aboriginal and Torres Strait Islander: Women	
and Babies	6ср
nternational Perspectives in Midwifery	6ср
ntroductory Pharmacology and Microbiology	6ср
1	nd Babies nternational Perspectives in Midwifery

Year 4

Autumn semester

Spring semester		
92280	Complex Newborn Care	6cp
92626	Midwifery Practice 3: Complex Pregnancy	6ср
92624	Complex Pregnancy	6ср

92623	Complex Labour, Birth and Puerperium	6ср
92627	Midwifery Practice 4: Complex Labour, Birth	оср
72027	and Puerperium	6ср
92283	Challenges in Midwifery Practice	6cp

Year 5

6ср

6ср

6ср

Autumn semester

92625	Emergencies in Maternity Care	6ср
92628	Midwifery Practice 5: Working with Women	6ср
Spring semester		

92633	Professional Practice
92629	Midwifery Practice 6: Transitions to Being
	a Midwife

6ср

6ср

Honours

The Bachelor of Midwifery (Honours) (C09051) (see page 119) is available to eligible students with an additional year of full-time study, or two years of part-time study.

Professional recognition

Provides eligibility to apply for registration as a midwife with the Nursing and Midwifery Board of Australia. See the faculty rules for more information.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.nmh.uts.edu.au

C10226v3 Bachelor of Business

Award(s): Bachelor of Business (BBus)

CRICOS code: 063721A

Commonwealth-supported place?: No

Load credit points: 144 Course EFTSL: 3

Location: Shanghai University

Note(s)

This course is only offered offshore. It is available in Shanghai. The language of tuition is English.

Overview

The Bachelor of Business offers students a sound background in all areas of business through common core subjects, in addition to indepth knowledge in one or more chosen areas of interest.

This course provides a basic understanding of important aspects of business with a choice of majors.

Course aims

The degree seeks to provide students with the knowledge, competencies and values necessary to develop critical, analytical and evaluative skills essential for a fulfilling and effective career in business.

Career options

Career options include careers in international business and management.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

In addition to the academic and English language requirements, students who have successfully completed Commerce offered at SILC (Sydney Institute of Language and Commerce in Shanghai University), are also required to achieve:

- a WAM of 60 for the graduates of the Insearch Diploma of Business Studies, or
- a WAM of 50 for the graduates of the Insearch Diploma of Business and Commerce.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Assumed knowledge

Mathematics and any two units of English. Bridging courses are available.

Credit recognition

According to the agreement between Shanghai University (SU) and UTS, students from SU who meet both the English language requirement and the academic requirement can apply for the UTS Bachelor of Business and are given credit recognition for their studies

at SU. These students are granted one-year credit or advanced standing to the second year of the UTS Bachelor of Business.

This advanced standing practice is the same as that for the Insearch UTS Diploma of Business Studies and Diploma of Business and Commerce delivered in Sydney.

Students who do not have the SILC diploma but who have appropriate academic and English language requirements may apply for advanced standing.

Course duration and attendance

The eight subjects taught by UTS are delivered in two teaching blocks with all the subjects completed in one year. The subjects are delivered in a lecture/tutorial format. During each 12-week block, UTS academics coordinate these subjects and provide face-to-face lectures in Shanghai.

The delivery pattern of these subjects may be modified from time-to-time and by mutual agreement.

Course structure

There are two majors for this course that are delivered by UTS at Shanghai University: the Management major and the International Business major.

The structure of the delivery mode in Shanghai University is:

- The first part (48 credit points) comprises the Insearch Diploma of Business Studies or the Insearch Diploma of Business and Commerce. This part is equivalent to the core or the first year of the UTS Bachelor of Business. This part is delivered in standard, full-time mode with semester-long subjects through SILC. On successful completion, students are granted one-year credit or advanced standing to the second year of the UTS Bachelor of Business.
- The second part of the UTS Bachelor of Business (48 credit points) comprises the Management major or the International Business major in the UTS Bachelor of Business. Academics from UTS teach eight subjects over two teaching blocks in one year. The subjects are delivered in Shanghai University using a lecture/tutorial format.
- The third part of the UTS Bachelor of Business comprises 48 credit-points of non-specified elective subjects taught by Shanghai University. These electives are drawn from a range of degree-level subjects offered in English by SU in standard full-time mode as semester long subjects. The subjects are accredited as part of the UTS Bachelor of Business in accordance with UTS' quality assurance policies and processes.

Course completion requirements

 STM90273 Core subjects (Business)
 48cp

 CBK90812 Major choice
 48cp

 CBK90813 Year 3 (Business)
 48cp

 Total 144cp

Transfer between UTS courses

The following study options are available to Shanghai University students who wish to transfer to study a full year of the course at UTS in Sydney.

- Major (48 credit points): Students need to seek advice at the
 time of enrolment as to which major they are eligible to take
 based on their prior knowledge and the timetabling of subjects
 during their chosen semesters. Students who study the UTS
 Management major at Shanghai University are not allowed to
 undertake the Management major in Sydney.
- Two sub-majors (24 credit points each) or one sub-major and four electives (24 credit points each): Students need to seek advice at the time of enrolment as to which sub-majors, electives and subjects they are eligible to take based on their prior knowledge and the timetabling of subjects during their chosen semesters.

Other information

The overall responsibility for all academic aspects of the Bachelor of Business degree at Shanghai University resides with the Director of China Business Courses, Associate Professor Kylie Redfern and the Dean of the Faculty of Business, Professor Roy Green. UTS staff works closely with senior staff from SILC and Shanghai University in relation to all aspects of the course through the dual degree management committee.

Associate Professor Kylie Redfern telephone +61 2 9514 3917 email Kylie.Redfern@uts.edu.au

C10227v3 Bachelor of Science in Environmental Forensics

Award(s): Bachelor of Science in Environmental Forensics (BSc)

UAC code: 607030 CRICOS code: 053206C

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Note(s)

For international students, mid-year (July/August) intake may be considered on a case-by-case basis by the faculty.

Overview

This course provides graduates with skills for careers in the new and fast-developing discipline of environmental forensics that is integral to the processes of environmental protection. It focuses on studies of living and non-living components of the environment and on the impacts of human use of environmental resources on the ecosystem.

The course has an interdisciplinary approach that allows students to gain skills and knowledge through theoretical and practice-based field and laboratory studies of ecology and environmental chemistry, and to understand the importance of investigatory scientific evidence in the legal and regulatory framework that governs the environmental protection process.

This cross-disciplinary course gives students the opportunity to combine studies of environmental biology, chemistry and law with a choice of further specialisations via a sub-major. It is attractive to students who are interested in the broad application of science to other disciplines without necessarily undertaking a combined degree.

Course aims

The course aims to produce professional environmental scientists with a solid scientific background in environmental protection, thereby enabling them to contribute to environmental management, policy and planning processes. Graduates gain scientific training and an understanding of the legal framework underlying environmental protection.

Career options

Career options include positions in both government and private industry and in environment protection and natural resource management as environmental analysts and consultants, environmental scientists and managers, policy advisers and planners. Students can also develop careers in teaching (in the secondary or TAFE sector, or as education officers) or in research (as research officers for organisations, universities or CSIRO).

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics; any two units of English; and any two units of science.

Course duration and attendance

Students can complete the course over three years full time. Full-time attendance involves approximately 20 hours each week on campus. Students may also be able to complete the course part time, usually

at the rate of two subjects a semester (a 50 per cent load), taking six years to complete. Part-time students are required to attend some sessions in daytime hours.

Course structure

Students must complete a total of 144 credit points, made up of 120 credit points of core subjects and 24 credit points of elective subjects. The elective subjects enable students to increase their expertise in other areas of science or in other disciplines in the University. This can be in the form of a specialised 24-credit-point sub-major or by a varied selection of subjects. Students must satisfactorily complete all core subjects and the required number of credit points of elective/sub-major subjects for award of the degree.

Industrial training/professional practice

Opportunities for practical experience exist through electives that provide experience in research or general scientific practice.

Course completion requirements

STM90680	Foundation stream (Life and Environmental	
	Sciences)	48cp
STM90739	Core disciplinary subjects (Environmental	-
	Biology)	36ср
79004	Environmental Law and Science	6ср
79023	Environmental Forensic Law	6ср
91309	Biodiversity Conservation	6ср
91155	Stream and Lake Assessment	6ср
CBK90577	Sub-major/Electives (Environmental Science	e) 24cp
91159	Environmental Forensics	6ср
65621	Environmental Chemistry	6ср
	•	Total 144cp

Course program

The program shown assumes full-time attendance, commencing in Autumn semester.

Note: The subjects 79004 Environmental Law and Science and 79023 Environmental Forensic Law are only offered in odd-numbered years. The course program provided below is for students commencing Year 1 or Year 3 in an odd-numbered year, e.g. 2013.

Students entering Year 2 in an odd-numbered year, e.g. 2013, should choose 79004 Environmental Law and Science and 79023 Environmental Forensic Law in place of two of their Autumn and/or Spring semester electives. These students will then do the two electives instead of 79004 Environmental Law and Science and 79023 Environmental Forensic Law in Year 3.

Year 1

Autumn semester

Cla amai atura 1

65111 91107 91161 33116	Chemistry 1 The Biosphere Cell Biology and Genetics Statistical Design and Analysis	6cp 6cp 6cp
Spring ser 65212 91123 91400 68041	nester Chemistry 2 Biocomplexity Human Anatomy and Physiology Physical Aspects of Nature	6cp 6cp 6cp 6cp
Year 2		
Autumn se 91149 91110 91154 79004	emester Geological Processes Experimental Design and Sampling Ecology Environmental Law and Science	6cp 6cp 6cp 6cp
Spring ser	mester	
79023 65621 91159	Environmental Forensic Law Environmental Chemistry Environmental Forensics	6cp 6cp 6cp
Select 6 cre	edit points of electives	6ср
Year 3		
A		

Autumn semester

91120	GIS and Remote Sensing	6ср
91309	Biodiversity Conservation	6ср
91121	Aquatic Ecology	6cp
Select 6 credit points of electives 60		6ср

Spring semester

91155	Stream and Lake Assessment	6ср
91145	Environmental Protection and Management	6cp
Select 12	credit points of electives	12cp

Honours

Honours is available as an additional year to meritorious students.

Other information

Further information is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10228v3 Bachelor of Science in Marine Biology

Award(s): Bachelor of Science in Marine Biology (BSc)

UAC code: 607035 CRICOS code: 053205D

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Note(s)

For international students, mid-year (July/August) intake may be considered on a case-by-case basis by the faculty.

This course focuses on how the marine environment works and how it can be better managed. This requires a thorough understanding of the way plants, animals and micro-organisms function in marine ecosystems (including estuarine, coastal, oceanic and coral reef ecosystems and Antarctica), as well as the skills required to detect and assess detrimental impacts on these marine environments resulting from anthropogenic sources and climate change.

The course has a strong practical and field-based focus. Students learn important concepts and skills through a combination of theory, laboratory and real-world experience via field trips to a range of marine environments.

Career options

Career options include positions in government departments such as fisheries, national parks and wildlife, state environmental protection authorities and other state departments such as infrastructure, natural resources and planning. Graduates are also employed by local coastal councils as environmental officers, in resource industries and consulting firms, as research officers with CSIRO and at universities, and as teachers at schools and TAFE colleges.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics; any two units of English; and any two units of science.

Course duration and attendance

Students can complete the course over three years full time. Full-time attendance involves approximately 20 hours each week on campus. Students may also be able to complete the course part time, usually at the rate of two subjects a semester (a 50 per cent load), taking six years to complete. Part-time students are required to attend some sessions in daytime hours.

Course structure

Students must complete a total of 144 credit points, made up of 120 credit points of core subjects and 24 credit points of elective subjects. The elective subjects enable students to increase their expertise in other areas of science or other disciplines in the University. This can be in the form of a specialised 24-credit-point sub-major or by a varied selection of subjects.

Students must satisfactorily complete all core subjects and the required number of credit points of elective/second major subjects for award of the degree.

Course completion requirements

STM90680 Foundation stream (Life and Environmental	
Sciences)	48cp
	40CP
STM90739 Core disciplinary subjects (Environmental	
Biology)	36ср
Select one of the following:	6ср
66513 Marine Geosciences 6cp	1
91118 Fisheries Resources 6cp	
91126 Coral Reef Ecosystems	6ср
91156 Marine Primary Producers	6ср
91157 Marine Communities	6ср
CBK90577 Sub-major/Electives (Environmental Science)	24cp
91363 Animal Behaviour and Physiology	6ср
91270 Plant Physiology and Ecophysiology	6ср
Total	l 144cp

Course program

The program shown assumes full-time attendance, commencing in Autumn semester.

Year 1

Autumn	semester

65111 91107 91161 33116	Chemistry 1 The Biosphere Cell Biology and Genetics Statistical Design and Analysis	6cp 6cp 6cp 6cp
Spring se	mester	
65212	Chemistry 2	6ср
91123	Biocomplexity	6ср
91400	Human Anatomy and Physiology	6ср
68041	Physical Aspects of Nature	6cp

Year 2

Autumn semester

91149 91110 91154	Geological Processes Experimental Design and Sampling Ecology	6cp 6cp 6cp
Select 6 credit points of electives		
Spring se	mester	
91363	Animal Behaviour and Physiology	6ср
91270	Plant Physiology and Ecophysiology	6ср
91157	Marine Communities	6cp
Select 6 credit points of electives 6		

Year 3

Autumn	semester					
91120	GIS and Remote Sensing		6cp			
9111	ct one of the following: .8 Fisheries Resources 13 Marine Geosciences Aquatic Ecology	6ср 6ср	6cp			
Select 6 o	Select 6 credit points of electives					
Spring s	emester					
91126	Coral Reef Ecosystems		6cp			
91145	Environmental Protection and Management		6cp			
91156	Marine Primary Producers		6cp			
Select 6 o	Select 6 credit points of electives					

Honours

Honours is available as an additional year to meritorious students.

Professional recognition

Australian Marine Science Association

Other information

Further information is available from: Building 6 Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

C10229v3 Bachelor of Science in Games Development

Award(s): Bachelor of Science in Games Development (BSc) UAC code: 603225 CRICOS code: 057197M Commonwealth-supported place?: Yes Load credit points: 144

Course EFTSL: 3 Location: City campus

Overview

This course offers a sound education in all aspects of information technology and develops the diverse skills necessary for a career in computer games development.

Students gain enhanced work-ready expertise in games development; practical problem-solving skills based on leading-edge IT theory; communication skills in a variety of forms including written, verbal, online and technical literacies; and an awareness of the principles of ethics and corporate governance in a variety of settings.

Course aims

This course aims to produce graduates who are able to:

- apply core technical skills to problem analysis and decisionmaking in computer games development
- collaborate and be creative within a professional environment through the application of technical, problem-solving and teamwork skills
- communicate effectively in a variety of forms across diverse business and technical environments
- apply ethical, legal and political considerations to technological issues as socially responsible professionals
- demonstrate a capacity to take a leadership role in technical and business situations, and
- be proactive and reflective learners in relation to knowledge, skills, experience and career direction.

Career options

 $Career\ options\ include\ computer\ animation/\ graphics\ specialist, and$ computer games developer, systems analyst, analyst/programmer, IT project manager, software developer, software engineer or web developer.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Non-current school leavers are advised to complete the employment question on their UAC application and provide supporting statements of employment to UAC as bonus points may be awarded on the basis of relevant work experience.

Applicants who have successfully completed 19050 Diploma of Information Technology (Games Development) at TAFE NSW may be eligible for credit towards this course.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.0 overall with a writing score of 6.0; or TOEFL: paper based: 500-549 overall with TWE of 4.5, internet based: 60-78 overall with a writing score of 21; or DEEP: C; or PTE: 50-57; or CAE: 52-57

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Applications

Local students

Both school leavers and non-current school leavers may apply through UAC for this course. This course does not have an intake commencing in Spring semester.

Assumed knowledge

Mathematics and any two units of English.

HSC Mathematics Extension 1 and English Advanced are recommended.

External articulation

Students who have completed the Diploma of Information Technology (Games Development) (19050) at TAFE NSW receive an exemption from three core subjects (31266, 48023, 48024) and 30 credit points of advanced standing, totalling 48 credit points of credit recognition.

Credit recognition

In addition to the external articulation with TAFE NSW, students who have previously undertaken other study at a university or other recognised tertiary education institution may be eligible for some academic credit for their prior study if the subjects previously completed are deemed by the Faculty of Engineering and Information Technology to be equivalent to subjects in the course.

The prior study must have been completed before commencement of this course, but no earlier than three years before commencement. Students must be able to demonstrate that their knowledge is current.

Credit recognition is not normally granted in this course for study completed at a private college except where UTS has an external articulation agreement with the college. TAFE IT diplomas and advanced diplomas completed within three years of enrolment may be granted some credit recognition. For further details see:

www.it.uts.edu.au/courses/undergraduate/credit-recognition.html

There are no exemptions granted for the networking subjects 31270, 31277 and 31283 without the successful completion of the challenge test for each of the these subjects. A challenge test is granted at enrolment time to students who have completed the CCNA curriculum (or CCNP) at a university and/or TAFE diploma level where the awarding institution is a CISCO Networking Academy. These challenge tests are always held in the week before the commencement of semester.

Course duration and attendance

The course can be completed in three years of full-time or six years of part-time study. For students who receive the 48 credit points in credit recognition, the course can be completed in two years of fulltime or four years of part-time study. A significant number of subjects are offered in the evening but some daytime attendance is required for part-time students.

Course structure

Students are required to complete 144 credit points, comprising 48 credit points of IT core subjects, 48 credit points of games development core subjects, and 48 credit points of elective subjects. Eligible students who receive 48 credit points of credit recognition complete a total of 96 credit points of academic study.

Industrial training/professional practice

Industrial training is available as an additional year and students enrol into the Diploma in Information Technology Professional Practice (C20049) (see page 299) once they have secured suitable full-time employment. This incorporates a minimum of nine months full-time work experience with four supporting subjects at UTS.

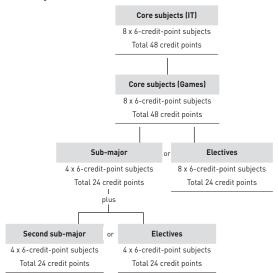
Course completion requirements

48ср STM90651 Core subjects (Information Technology) 48cp STM90726 Core subjects (Games Development) CBK90413 Two sub-majors/Electives 48cp

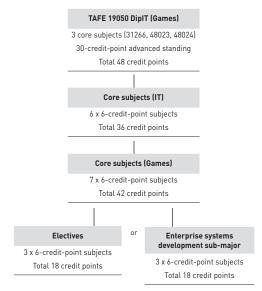
Total 144cp

Course diagram

Direct entry



TAFE articulation entry



Course program

Example programs are shown below for direct entry and TAFE NSW articulation entry.

Note: Subjects listed as options are only offered in a particular semester (or year) if there is sufficient demand and the necessary resources.

Direct entry

Year 1

emester	
Web Systems	6ср
Communication for IT Professionals	6ср
Introduction to Information Systems	6ср
Programming Fundamentals	6ср
nester	
Business Requirements Modelling	6ср
Applications Programming	6ср
Networking Essentials	6ср
Digital Multimedia	6ср
	Communication for IT Professionals Introduction to Information Systems Programming Fundamentals nester Business Requirements Modelling Applications Programming Networking Essentials

Autumn	semester		
31264	Introduction to Computer Graphics	6ср	
31271	Database Fundamentals	6ср	
31262	Introduction to Computer Game Design	6ср	
Select 6 credit points of electives 6c			

Spring semester

Spring semester							
31241 31249 31251 31263	subject from the following: 3D Computer Animation Computer Graphics Rendering Techniques Data Structures and Algorithms Introduction to Computer Game Programming	6cp 6cp 6cp	6ср				
31104	Programming for Special Effects	6ср	4.0				
Select 18 c	redit points of electives		18cp				
Year 3							
31272 31102	emester Project Management and the Professional Game Design Studio 1		6ср 6ср				
Select one 31241 31249 31251 31263	subject from the following: 3D Computer Animation Computer Graphics Rendering Techniques Data Structures and Algorithms Introduction to Computer Game Programming	6cp 6cp 6cp	6ср				
31777 31104	1						
Select 6 cre	edit points of electives		6ср				
Spring ser	mester						
31103	Game Design Studio 2		6ср				
Select 18 c	redit points of electives		18cp				
TAFE NS	W articulation						
Year 1							
Autumn se 31262 31264 31265 31268	Introduction to Computer Game Design Introduction to Computer Graphics Communication for IT Professionals Web Systems		6cp 6cp 6cp 6cp				
Spring ser			оср				
31269 31270 31271 31080	Business Requirements Modelling Networking Essentials Database Fundamentals Digital Multimedia		6cp 6cp 6cp 6cp				
Year 2							
Autumn se	emester						
31272 31102	Project Management and the Professional Game Design Studio 1		6ср 6ср				
Select one 31241 31249 31251 31263 31777	subject from the following: 3D Computer Animation Computer Graphics Rendering Techniques Data Structures and Algorithms Introduction to Computer Game Programming Human-Computer Interaction	6cp 6cp 6cp	6ср				
31104	Human-Computer Interaction Programming for Special Effects	6ср 6ср					
Select 6 cre	edit points of electives		6ср				
Spring ser							
31103	Game Design Studio 2		6ср				
31241 31249 31251 31263	subject from the following: 3D Computer Animation Computer Graphics Rendering Techniques Data Structures and Algorithms Introduction to Computer Game	6cp 6cp 6cp	6ср				
31777 31104	Programming Human-Computer Interaction Programming for Special Effects	6cp 6cp 6cp					
Colort 12 -	anditurinte of elections		10				

Honours

Students interested in research and who excel in their studies are eligible to undertake one additional full-time year of study in the Bachelor of Science (Honours) in Information Technology (C09019) (see page 111). The honours year is also available on a part-time basis over two years.

12cp

Select 12 credit points of electives

Professional recognition

Graduates are eligible for professional-level membership of the Australian Computer Society.

Other information

Further information is available from:

Building 10 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10235v2 Bachelor of Accounting

Award(s): Bachelor of Accounting (BAcc)

UAC code: 601010

Commonwealth-supported place?: Yes

Load credit points: 150 Course EFTSL: 3.125 Location: City campus

Note(s)

This course is only offered to local students.

This is a scholarship degree intended for recent school leavers. Students can only add this course to their preferences until 26 October 2012.

This course is not offered to international students.

Overview

The Bachelor of Accounting is a cooperative education program in accounting. It is an intensive course offered in conjunction with major employers. Students complete a compulsory first major in accounting and receive a scholarship and full-time work training.

This course is a specialist degree for high-achieving students who view an accounting career as an excellent foundation for future business leadership. All students in the course receive a \$46,500 scholarship over the three years, a year of full-time industry experience and are encouraged to complete a second major or sub-major in another business discipline. It has a historical graduate employment rate greater than 95 per cent.

Career options

Career options include accountant, auditor, business analyst, investment manager, management accountant, taxation adviser. Experienced accountants are highly sought after in all industries as well as government and not-for-profit organisations.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

This is an intensive scholarship course for current school leavers. Special application and selection procedures apply, including an early closing date for applications. Full details on application and selection is available from the Bachelor of Accounting website at:

www.business.uts.edu.au/bofacc

Eligibility for admission does not guarantee offer of a place.

Assumed knowledge

Mathematics and any two units of English.

Course duration and attendance

The course is completed in three years of full-time study, which includes two separate half years of full-time work training. Some subjects are fast-tracked over Summer session, while others are taken part-time during full-time work training, to allow completion of the degree within three years.

Course structure

The course comprises 150 credit points. All students must complete nine foundation core subjects and a compulsory accounting major, and choose from a second major, two sub-majors, or a sub-major plus four electives. Electives or structured elective sequences (totalling 24 credit points) can be taken from any faculty in the University, or from another university or its equivalent, with faculty approval.

Industrial training/professional practice

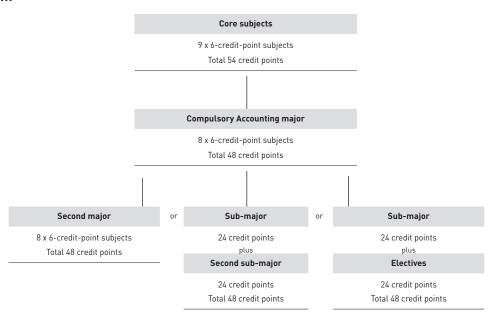
This course includes two, full-time, six-month industry internships, with two different sponsoring employers.

The first internship is in the second half of the first year of the course; the second internship is in the first half of the third year of the course. Students are not paid by the sponsoring employer during these internships, but continue to receive their scholarship.

Course completion requirements

CBK90186 Major/Two sub-majors/Sub-major +
four electives 48cp
MAJ08437 Accounting 48cp
STM90285 Core subjects (Accounting) 54cp
Total 150cp

Course diagram



Course program		SMJ09028 Economics 24cp
A typical program is shown below, followed by the l	ists of available	SMJ09030 Business Law 24cp
second majors and sub-majors.		SMJ08131 Advanced Advertising 24cp SMJ09033 Taxation Law 24cp
Year 1		SMJ09034 International Studies 24cp
Autumn semester		SMJ09036 Specialist Country Studies 24cp
22107 Accounting for Business Decisions A	6ср	SMJ08195 Management Reporting 24cp
22207 Accounting for Business Decisions B	6ср	SMJ02037 Information Technology 24cp SMJ09035 Language other than English 24cp
22605 Accounting Information Systems	6ср	SMJ08132 Marketing Research 24cp
25300 Fundamentals of Business Finance 23115 Economics for Business	6cp	SMJ09058 Econometrics 24cp
26100 Integrating Business Perspectives	6ср 6ср	SMJ08203 Event Management 24cp SMJ08204 Strategic Marketing 24cp
26134 Business Statistics	6cp	SMJ08211 Public Relations 24cp
Spring semester		SMJ08214 Financial Planning 24cp
22157 Australian Corporate Environment	6ср	Honours
24108 Marketing Foundations	6ср	A Bachelor of Business (Honours) (C09004) (see page 108) is available.
Year 2		This is offered on a one-year, full-time basis.
Autumn semester		Professional recognition
22321 Cost Management Systems 22421 Management Decisions and Control	6ср 6ср	Students successfully completing the Bachelor of Accounting satisfy
79017 Taxation Law	6ср	the educational requirements for undergraduate membership of CPA
Select 12 credit points of electives	12cp	Australia, the Institute of Chartered Accountants in Australia and Institute of Public Accountants.
Spring semester	-1	
79014 Applied Company Law	6ср	Other information
22320 Accounting for Business Combinations	6cp	Further information is available from:
22420 Accounting Standards and Regulations	6ср	www.business.uts.edu.au/bofacc
Select 12 credit points of electives	12cp	or contact:
Year 3		Office of Cooperative Education
Autumn semester		School of Accounting
22522 Assurance Services and Audit	6ср	telephone +61 2 9514 3579
Spring semester	_	
Select one of the following:	6ср	C10239v1 Bachelor of Science in
22520 Corporate Reporting: Professional	F	Information Technology Bachelor of
and Conceptual Issues 22319 Financial Statement Analysis	6ср	Arts in International Studies
(Capstone)	6ср	Award(s): Bachelor of Science in Information Technology (BSc)
Select 24 credit points of electives	24cp	Bachelor of Arts in International Studies (BA)
List of majors		UAC code: 609230
MAJ02041 Information Technology	48cp	CRICOS code: 059726G Commonwealth-supported place?: Yes
MAJ08068 Financial Services	48cp 48cp	Load credit points: 240
MAJ08438 Management MAJ08440 Finance	48cp	Course EFTSL: 5
MAJ08441 Marketing	48cp	Location: City campus
MAJ08442 International Business	48cp	Overview
MAJ08443 Tourism Management MAJ08445 Sport Management	48cp 48cp	This course integrates a professional degree in information technology
MAJ08446 Human Resource Management	48cp	with a major in another country or culture and its language, enhancing
MAJ08116 Marketing Communication	48cp	professional training and career options.
MAJ09401 Business Law MAJ09209 Economics	48cp 48cp	The information technology component provides a sound education
	1000	in all aspects of computing and information technology for a career
List of sub-majors	24 <i>a</i> p	in the profession. The interpotional studies component offers an in-death understanding.
SMJ01025 Quantitative Management SMJ01007 Mathematics	24cp 24cp	The international studies component offers an in-depth understanding of another culture through academic and experiential learning.
SMJ01009 Statistics	24cp	Students must choose one IT major in business information systems
SMJ02036 Business Information Systems	24cp	management, enterprise systems development, internetworking and
SMJ08116 Financial Reporting SMJ08117 International Accounting	24cp 24cp	applications, or computer and data analytics.
SMJ08120 Small Business Accounting	24cp	Students also choose a country major for their language and culture
SMJ08109 Management Consulting	24cp	studies. The course adopts a practice based approach to IT education and
SMJ08123 Finance SMJ08126 Sport Management	24cp 24cp	The course adopts a practice-based approach to IT education and the course content is designed with a mix of theory and practice. As
SMJ08127 Tourism Management	24cp	well as gaining strong technical skills in IT, students gain skills in
SMJ08128 Human Resource Management	24cp	business analysis, problem solving, teamwork and communication.
SMJ08129 International Management SMJ08130 Management	24cp 24cp	Employers look for graduates with industry experience and, in this course, students are exposed to real IT problems.
SMJ08137 Advertising	24cp	The international studies component of this course means that
SMJ08138 Marketing	24cp	graduates have the added advantage of being well prepared to work
SMJ08139 International Business Studies SMJ08141 Human Resource Development	24cp	in a diverse range of IT careers and companies overseas.
origootii Tumun Kesource Development	24cp	

Course aims

The course aims to produce graduates who are able to apply, in the context of any organisation, the knowledge and skills required of:

- information systems professionals in business units who integrate packaged systems rather than develop systems from first principles
- information technology professionals who develop systems from first principles
- network specialists who build, maintain and administer complex network systems, or
- computing specialists for technical research careers.

The course also aims to:

- provide sufficient language skills to live and work in another culture, and
- encourage understanding and appreciation of, and sensitivity towards, diverse cultural perspectives, practices, needs and values, in international and local contexts.

Career options

Career options include business analyst, network engineer, network specialist, software developer, software engineer or web developer. Graduates of this course are in high demand with technology companies and industries that use IT such as banking, construction, energy, finance, government, manufacturing, retail and transport. Options are enhanced by international experience, making students more marketable to prospective employers, including multinational companies.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Admission requirements are the same as the Bachelor of Science in Information Technology Diploma in Information Technology Professional Practice (C10152) (see page 196).

There are no prior language requirements for the international studies program. Entry level to the various language and culture programs depends upon students' prior knowledge of the relevant language. Students are admitted to the international studies program with no guarantee of entry to a specific country major, although every effort is made to meet their preferences.

Non-current school leavers are advised to complete the employment question on their UAC application and provide supporting statements of employment to UAC as bonus points may be awarded on the basis of relevant work experience.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

For the information technology component, mathematics and any two units of English. There are no prior language requirements for the international studies program (see page 87).

 $Mathematics \ Extension \ 1 \ and \ English \ Advanced \ are \ recommended.$

External articulation

Students who gain entry through the UTS INSEARCH pathway are eligible for 48 credit points of credit recognition.

Students who have completed a relevant diploma at TAFE NSW may be eligible for at least 24 credit points of credit recognition. Details are available from the Building 10 Student Centre.

Credit recognition

Information technology component: Students who have previously undertaken study at a university or other recognised tertiary education institution may be eligible for some academic credit for their prior study if the subjects previously completed are deemed by the Faculty of Engineering and Information Technology to be equivalent to subjects in the course.

The prior study must have been completed before commencement of this course, but no earlier than three years before commencement. Students must be able to demonstrate that their knowledge is current.

Credit recognition is not normally granted in this course for study completed at a private college except where UTS has an external articulation agreement with the college. TAFE IT diplomas and advanced diplomas completed within three years of enrolment may be granted some credit recognition. For further details see:

www.it.uts.edu.au/courses/undergraduate/credit-recognition.html

There are no exemptions granted for the networking subjects 31270, 31277 and 31283 without the successful completion of the challenge test for each of the these subjects. A challenge test is granted at enrolment time to students who have completed the CCNA curriculum (or CCNP) at a university and/or TAFE diploma level where the awarding institution is a CISCO Networking Academy. These challenge tests are always held in the week before the commencement of semester.

Course duration and attendance

The course is of five years' duration. Students spend two semesters of study at a university or other higher education institution in the country of their major. Students may undertake an extra year with the Diploma in Information Technology Professional Practice (C20049) (see page 299).

Course structure

Students are required to complete 240 credit points, comprising 96 credit points in information technology, 96 credit points in international studies and 48 credit points of electives. The 48 credit points of electives can be a combination of a second IT major, or two sub-majors, or one sub-major and four electives, or eight electives. The Bachelor of Arts in International Studies requires undergraduates to study a region or country major over a minimum of three years.

Overseas study

Students spend their fourth year of study at a university overseas.

Industrial training/professional practice

Industrial training is available as an additional year and students enrol into the Diploma in Information Technology Professional Practice (C20049) (see page 299) once they have secured suitable full-time employment. This incorporates a minimum of nine months full-time work experience with four supporting subjects at UTS. After completing Year 4 (in-country study), students have the option to undertake the Diploma in Information Technology Professional Practice.

Course completion requirements

CBK90005 Cor	untry major choice	96ср
CBK90781 Ma	jor choice (Information Technology)	48cp
CBK90782 Ma	jor/Two sub-majors/Electives	48cp
STM90651 Co:	re subjects (Information Technology)	48cp
	3	Total 240cp

Course program

An example program is shown below for a student choosing the Germany major for the Bachelor of Arts in International Studies. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major.

A list of the IT majors and IT sub-majors available to students in this course are shown in CBK90782. All students are required to complete one IT major from CBK90781.

In the program shown below, in semesters that include electives, students may choose a second major, two sub-majors (IT or other faculty), one sub-major and four electives, or eight electives.

Note: Subjects listed as electives and IT major subjects are only offered in a particular semester (or year) if there is sufficient demand and the necessary resources.

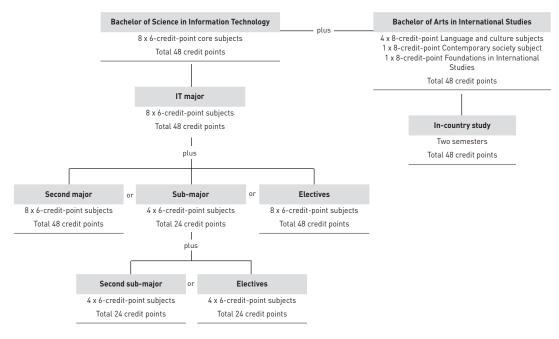
Year 1 Year 5 Autumn semester Autumn semester 31265 Communication for IT Professionals 31272 Project Management and the Professional 6ср 6ср 31266 Introduction to Information Systems 6ср Select 6 credit points of options 6ср 48023 Programming Fundamentals 6ср 31268 Web Systems Select 12 credit points of electives 12cp 6ср Spring semester Spring semester **Business Requirements Modelling** 31269 6ср Select 12 credit points of options 12cp 31270 Networking Essentials Select 12 credit points of electives 12cp Select 6 credit points of options 6ср Levels of award Select 6 credit points of electives 6ср The Bachelor of Science in Information Technology may be awarded Year 2 with a distinction, credit or pass. Autumn semester 31271 **Database Fundamentals** 6ср 97601 German Language and Culture 1 8cp Students interested in research and who excel in their studies are Foundations in International Studies 976001 8cp eligible to undertake one additional full-time year of study in the Bachelor of Science (Honours) in Information Technology (C09019) Select 6 credit points of options 6ср (see page 111). The honours year is also available on a part-time basis Spring semester over two years. 97602 German Language and Culture 2 8cp Transfer between UTS courses Select 6 credit points of options 6ср Students in the Bachelor of Science in Information Technology Select 6 credit points of electives 6ср (C10148) (see page 193) can apply to transfer into this course after completing the first year of their current course. Applications are Year 3 assessed by UTS: Information Technology and UTS: International Autumn semester Studies. Students in this combined degree may apply to transfer to 97603 German Language and Culture 3 8ср the single degree, Bachelor of Science in Information Technology. Select 6 credit points of options 6cp Professional recognition Select 6 credit points of electives 6ср Graduates are eligible for professional-level membership of the Australian Computer Society. Spring semester 97604 German Language and Culture 4 8ср Other information 976421 Contemporary Germany 8cp Further information is available from: Select 6 credit points of options 6cp Building 10 Student Centre Select 6 credit points of electives 6cp telephone 1300 ask UTS (1300 275 887) Year 4 or +61 2 9514 1222 Autumn semester Ask UTS www.ask.uts.edu.au 977420 In-country Study 1: Germany 24cp

Course diagram

In-country Study 2: Germany

Spring semester

978420



24cp

C10242v1 Bachelor of Science

Award(s): Bachelor of Science in (name of Science major) (BSc) UAC code: 607001 (Flexible, no specified major), 607003 (Mathematics/ Statistics), 607005 (Applied Chemistry), 607007 (Nanotechnology), 607009 (Applied Physics), 607011 (Environmental Biology/Environmental Forensics/Marine Biology), 607015 (Biotechnology/Medical Science/

Biomedical Science) CRICOS code: 040705B

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Note(s)

For international students, mid-year (July/August) intake may be considered on a case-by-case basis by the faculty.

Overview

Students may follow any of 15 different specialised programs leading to the award of a degree naming the chosen discipline, e.g. Bachelor of Science in Applied Physics, or Medical Science, or any of the other specialised disciplines available. Majors are chosen at the end of first year when students have experienced a range of disciplines and are more equipped to choose their preferred path. Students may also choose not to follow a major, but to select a range of second and third year subjects to tailor their study according to their interests and graduate with a cross-disciplinary science degree.

The flexibility of this course allows students to either specialise in a specific professional area or to develop skills and knowledge in a range of scientific disciplines. All majors aim to produce professional scientists with a thorough grounding in theory and highly adaptable and practical scientific, experimental and computational skills relevant to the discipline chosen.

Career options

Graduates are highly versatile as they can work in almost any industry such as biotechnology, biomedical science, medical science, marine biology, environmental management and forensics, mathematics, statistical modelling, applied chemistry, applied physics, nanotechnology and material science. Graduates could be employed to analyse traffic flow, calculate the optimum distribution of branches for major banks, set rates of insurance premiums, analyse the consumer demand for products, be part of a medical team working on groundbreaking research, determine the effectiveness of new drugs, evaluate the environmental impact of pollution or provide advice on the stock market.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics; any two units of English.

At least two units of science relevant to the individual discipline chosen is recommended; HSC Mathematics Extension 1 is recommended for those majoring in mathematics/statistics.

Course duration and attendance

Students can complete the course in three years of full-time study. Full-time attendance involves approximately 20 hours each week on campus. Students may also be able to complete the course part time,

usually at the rate of two subjects a semester (a 50 per cent load), taking six years to complete. Part-time students are required to attend some sessions in daytime hours.

Course structure

Students must complete a total of 144 credit points to graduate. Subjects offered by the University have been classified as introductory (normally taken in stages 1 and 2), intermediate (stages 3 and 4) and advanced (stages 5 and 6 or later). In the Bachelor of Science, students are required to complete one of three introductory foundation streams (mathematical sciences, physical sciences, life and environmental sciences). Upon the successful completion of first year, they may choose one of the majors that follow from that stream. The chosen major specifies a series of intermediate and advanced subjects that, if taken, result in award of a Bachelor of Science in that major.

Alternatively, students may choose not to take a specific major but a flexible mix of subjects of interest and graduate with a Bachelor of Science degree without a specified major. If so, they must complete 36 credit points of intermediate and 36 credit points of advanced science subjects. In doing so, students must ensure that they have completed the required prerequisite subjects at each stage. It cannot be guaranteed that all subjects that students in a flexible program wish to take together can be timetabled without clashes and so students need to check timetable constraints before final subject choice each semester.

The Bachelor of Science also contains 24 credit points of free elective subjects that enable students to increase their expertise in other areas of science or other disciplines in the University. This can be in the form of a specialised 24-credit-point sub-major or by a varied selection of subjects.

Students must satisfactorily complete 120 credit points of specified major or flexible science subjects and, in addition, 24 credit points of elective/sub-major subjects for award of the degree.

Course completion requirements

CBK90653 Stream choice 144cp
Total 144cp

Course program

The majors available and the course programs for each major are shown below.

Note: In the Environmental Forensics major the subjects 79004 Environmental Law and Science and 79023 Environmental Forensic Law are only offered in odd-numbered years. The course program provided below is for students commencing Year 1 or Year 3 in an odd-numbered year, e.g. 2013.

Students entering Year 2 in an odd-numbered year, e.g. 2013, should choose 79004 Environmental Law and Science and 79023 Environmental Forensic Law in place of two of their Autumn and/or Spring semester electives. These students then do the two electives instead of 79004 Environmental Law and Science and 79023 Environmental Forensic Law in Year 3.

List of majors

	1,01.5	
MAJ01100	Applied Chemistry	96ср
MAJ01101	Applied Physics	96ср
MAJ01103	Biotechnology	96cp
MAJ01104	Biomedical Science	96cp
MAJ01106	Environmental Biology	96cp
MAJ01108	Environmental Forensics	96cp
MAJ01107	Marine Biology	96cp
MAJ01110	Mathematics	96cp
MAJ01105	Medical Science	96cp
MAJ01102	Nanotechnology	96cp
MAJ01111	Statistics	96cp
MAJ01126	Environmental Sciences	96cp
MAJ01127	Medical and Molecular Biosciences	96cp
MAJ01128	Physics and Advanced Materials	96ср
MAJ01129	Chemical Science	96cp
STM90694	No specified major (Life and Environmental	•
	Sciences)	96ср
STM90697	No specified major (Physical Sciences)	96cp

Applied	Chemistry major			Year 3		
Year 1				Autumn	semester	
Autumn s	emester			68316	Applied Electronics and Interfacing	6ср
33190	Mathematical Modelling for Science		6ср	68606 68416	Solid-state Science and Nanodevices Computational Physics	6cp
65111 68101	Chemistry 1 Foundations of Physics		6ср 6ср		redit points of electives	6ср 6ср
Select 6 cr	redit points from the following options:		6ср	Spring se	emester	
91161 91107	Cell Biology and Genetics	6cp		68513 68320	Optics and Nanophotonics Scanning Probe and Electron Microscopy	6cp
	The Biosphere	6ср		68415	Measurement and Analysis of Physical Processes	6ср 6ср
Spring se 65212	Chemistry 2		6ср	Select 6 c	redit points of electives	6ср
33290 68070	Statistics and Mathematics for Science Introduction to Materials		6ср 6ср	Biomed	ical Science major	
68201	Physics in Action		6ср	Year 1		
Year 2				Autumn	semester	
Autumn s	emester			65111	Chemistry 1	6ср
65202	Organic Chemistry 1		6ср	91107 91161	The Biosphere Cell Biology and Genetics	6ср 6ср
65410 65307	Chemical Safety and Legislation Physical Chemistry 1		6ср 6ср	33116	Statistical Design and Analysis	6ср
	, ,		•	Spring se		1
	redit points of electives		6ср	65212	Chemistry 2	6ср
Spring se				91123	Biocomplexity	6ср
65508 65411	Organic Chemistry 2 Inorganic Chemistry 1		6cp	91400	Human Anatomy and Physiology	6cp
65306	Analytical Chemistry 1		6ср 6ср	68041	Physical Aspects of Nature	6ср
Select 6 cr	redit points of electives		6ср	Year 2		
	F F		· · · · ·		semester	
Year 3				91314	General Microbiology	6ср
Autumn s				91320 91500	Metabolic Biochemistry Histology	6ср 6ср
65409 65509	Analytical Chemistry 2 Inorganic Chemistry 2		6ср 6ср		9 Elective 1	6ср
67305	Polymer Science		6ср	Spring se	emester	1
Select 6 cr	redit points of electives		6ср	91132	Molecular Biology 1	6ср
Spring se	•		ocp	CBK9058	0 Elective 2	6cp
65606	Analytical Chemistry 3		6ср	Select 12	credit points from the following options:	12cp
65607	Physical Chemistry 2		6ср	91326	Analytical Biochemistry 6cp	-
67510	Surface Processes		6cp	91330	Epidemiology and Public Health Microbiology 6cp	
Select 6 cr	redit points of electives		6ср	91401	Introductory Haematology and	
Applied	Physics major			Year 3	Immunology 6cp	
Year 1						
Autumn s	emester				semester 1 Elective 3	6cn
33190	Mathematical Modelling for Science		6ср			6cp
65111	Chemistry 1		6cp	91335	credit points from the following options: Molecular Biology 2 6cp	18cp
68101	Foundations of Physics		6ср	91338	Clinical Bacteriology 6cp	
Select 6 cr 91161	redit points from the following options: Cell Biology and Genetics	6ср	6ср	91344	Medical and Diagnostic Biochemistry 6cp	
91107	The Biosphere	6ср		91358	Advanced Haematology 6cp	
Spring se		1		91359	Advanced Immunology 6cp	
65212	Chemistry 2		6ср	Spring se	emester 2 Elective 4	6cn
33290	Statistics and Mathematics for Science		6ср			6cp
68070 68201	Introduction to Materials		6cp	91129	credit points from the following options: Transfusion Science 6cp	18cp
	Physics in Action		6ср	91345	Biochemistry, Genes and Disease 6cp	
Year 2				91352	Parasitology 6cp	
Autumn s				91402	Anatomical Pathology 6cp	
68075	Nanomaterials		6ср	Biotech	nology major	
68412 33360	Energy Science and Technology Mathematics for Physical Science		6ср 6ср	Year 1		
	redit points of electives		6ср		semester	
	=		оср	65111	Chemistry 1	6ср
Spring se			600	91107	The Biosphere	6ср
68414 68413	Advanced Mechanics Quantum Physics		6ср 6ср	91161	Cell Biology and Genetics	6ср
68315	Imaging Science		6cp	33116	Statistical Design and Analysis	6ср
Select 6 cr	redit points of electives		6ср	Spring se		
			1	65212	Chemistry 2	6cp
				91123 91400	Biocomplexity Human Anatomy and Physiology	6ср 6ср
				68041	Physical Aspects of Nature	6ср
						-

Year 2				Environi	mental Forensics major		
Autumn se	emester			Year 1			
91314	General Microbiology		6ср	Autumn s	emester		
91320	Metabolic Biochemistry		6ср	65111	Chemistry 1		6ср
91142 CBK90579	Biotechnology Elective 1		6ср 6ср	91107	The Biosphere		6ср
			оср	91161	Cell Biology and Genetics		6cp
Spring sen			,	33116	Statistical Design and Analysis		6ср
91132	Molecular Biology 1		6cp	Spring se	mester		
CBK90580			6ср	65212	Chemistry 2		6ср
	redit points from the following options:	,	12cp	91123	Biocomplexity		6ср
91326 91330	Analytical Biochemistry Epidemiology and Public Health	6ср		91400	Human Anatomy and Physiology		6cp
91330	Microbiology	6ср		68041	Physical Aspects of Nature		6ср
91401	Introductory Haematology and	··r		Year 2			
	Immunology	6ср		Autumn s	emester		
Year 3				91149	Geological Processes		6ср
	mastar			91110	Experimental Design and Sampling		6cp
Autumn se			(91154	Ecology		6ср
91335 91369	Molecular Biology 2 Biobusiness and Environmental Biotechnology	037	6ср 6ср	79004	Environmental Law and Science		6ср
91359	Advanced Immunology	6 <i>)</i>	6ср	Spring se	mester		
CBK90581			6ср	65621	Environmental Chemistry		6ср
Spring sen	nester		•	91159	Environmental Forensics		6cp
91368	Bioreactors and Bioprocessing		6ср	79023	Environmental Forensic Law		6ср
91144	Plant Biotechnology		6ср	Select 6 ca	redit points of electives		6ср
CBK90582	0)		6ср	Year 3			
Select 6 cre	edit points from the following options:		6ср				
91129	Transfusion Science	6ср	оср	Autumn s			
91345	Biochemistry, Genes and Disease	6cp		91120 91309	GIS and Remote Sensing Biodiversity Conservation		6cp
91352	Parasitology	6cp		91121	Aquatic Ecology		6cp 6cp
Environm	ental Biology major				redit points of electives		6ср
Year 1	.ca. z.e.eg,a,e.				=		оср
				Spring se 91155			6cn
Autumn se				91135	Stream and Lake Assessment Environmental Protection and Management		6cp 6cp
65111	Chemistry 1		6cp		g .		_
91107 91161	The Biosphere Cell Biology and Genetics		6ср 6ср	Select 12 (credit points of electives		12cp
33116	Statistical Design and Analysis		6ср	Nanotec	hnology major		
Spring sen			1	Year 1			
65212	Chemistry 2		6ср				
91123	Biocomplexity		6ср	Autumn s			
91400	Human Anatomy and Physiology		6ср	33190 65111	Mathematical Modelling for Science		6cp
68041	Physical Aspects of Nature		6ср	68101	Chemistry 1 Foundations of Physics		6cp 6cp
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	mastar			91161	redit points from the following options: Cell Biology and Genetics	6ср	6ср
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91149 91110	Geological Processes Experimental Design and Sampling		6ср 6ср		•	I	
91154	Ecology		6ср	Spring se 65212	Chemistry 2		6cm
	0,		. *	33290	Statistics and Mathematics for Science		6ср 6ср
	edit points of electives		6ср	68070	Introduction to Materials		6cp
Spring sen				68201	Physics in Action		6ср
91363	Animal Behaviour and Physiology		6cp	Year 2			
91270	Plant Physiology and Ecophysiology		6cp	Autumn s	amostor		
Select 12 ci	redit points of electives		12cp	33360	Mathematics for Physical Science		6ср
Year 3				65307	Physical Chemistry 1		6ср
Autumn se	emester			68075	Nanomaterials		6cp
91120	GIS and Remote Sensing		6ср	Select 6 c	redit points of electives		6ср
91116	Wildlife Ecology		6ср		-		- 1
91121	Aquatic Ecology		6ср	Spring se			6.00
91309	Biodiversity Conservation		6ср	91140 68413	BioNanotechnology Quantum Physics		6ср 6ср
Spring sen	nester			68315	Imaging Science		6ср
91155	Stream and Lake Assessment		6ср		redit points of electives		6ср
91145	Environmental Protection and Management		6ср		redit points of electives		оср
	one of the following:	C = -	6ср	Year 3			
91371 91370		6cp		Autumn s			
91370	0)	6ср 6ср		68316	Applied Electronics and Interfacing		6cp
	-	r	600	67509 68606	Molecular Nanotechnology Solid state Science and Nanodevices		6cp
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				Select 6 ci	redit points of electives		6ср

67510 Surface Processes	Spring se	emester			Spring se	mester		
Sect Control Found Sect Control Sect Control Sect	67510	Surface Processes		6ср	35231			6ср
Select Feeth Points of electives					35353	Regression Analysis		6ср
Marine Biology major							600	6ср
Marine Biology major	Select 6 C	realt points of electives		оср				
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Autumn Seminar Mathematics General	Year 1				35344			
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1940 Human Anatomy and Physiology	65212							
6804 Organization Organization Select 12 credit points from the following options: 1 page 12 page 13 page 14 page								(
Year 2 35340 Quantifative Management Practice 6cp Autumn s=mester 35360 Design and Analysis of Experiments 6cp 911140 Geological Processes 6cp 3536 Design and Analysis of Experiments 6cp 911150 Experimental Design and Sampling 6cp 5cp Select or-dit points of electives 6cp Spring s=mester Select in animal Behaviour and Physiology 6cp 35322 Advanced Analysis 6cp 91270 Plant Physiology and Ecophysiology 6cp 35322 Advanced Analysis 6cp 91270 Plant Physiology and Ecophysiology 6cp 35342 Management fendous in Quantitative 6cp 91270 Plant Physiology and Ecophysiology 6cp 35342 Management elections in Quantitative 6cp 91270 Plant Physiology and Ecophysiology 6cp 35344 Network and Combinatorial Optimisation 6cp Select 6 credit points of electives 6cp 35393 Seminar (Mathematics) 6cp 91121 Aguatic Ecology 6cp 35393 Quantitative				-				-
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Select 6 credit points of electives					35383	High Performance Computing	6ср	
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Plant Physiology and Ecophysiology Sep 35345 Mathematical Methods Sep 1917 Marine Communities Sep 35442 Nonlinear Methods in Quantitative Management Sep Select 6 credit points of electives Sep 35342 Stochastic Processes Sep Seminar (Mathematics) Seminar (M	Spring se	emester						18cp
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Mathematics major Gep Mathematics major Gep	Year 3							
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Site Introduction to Quantitative Management Site	Autumn s	semester			68041	Physical Aspects of Nature		6ср
35101 Introduction to Linear Dynamical Systems 35151 Introduction to Statistics 6cp 91320 Metabolic Biochemistry 6cp CBK90796 Foundation subject choice A 6cp 91314 General Microbiology 8cp 91703 Physiological Systems 8cp 35100 Introduction to Sample Surveys 35102 Introduction to Analysis and Multivariable Calculus 8cp 35111 Applications of Discrete Mathematics CBK90797 Foundation subject choice B 8cp 35111 Applications of Discrete Mathematics CBK90797 Foundation subject choice B 8cp 35112 Computational Linear Algebra 35212 Computational Linear Algebra 35214 Optimisation in Quantitative Management 35363 Stochastic Models 8cp 91320 Metabolic Biochemistry 6cp 91314 General Microbiology Physiological Systems 6cp 91703 Physiological Systems 6cp 91703 Physiological Systems 6cp 91132 Molecular Biology 1 6cp 91239 Human Pathophysiology 6cp 8elect 12 credit points from the following options: 12cp 91326 Analytical Biochemistry 91330 Epidemiology and Public Health Microbiology 3cp Microbiology 6cp 91401 Introductory Haematology and Immunology 6cp 1 Introductory Haematology and 1 Introductory Haematology and 1 Immunology 8cp		Introduction to Quantitative Management		6ср	Year 2			
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Spring semester 35100 Introduction to Sample Surveys 35102 Introduction to Analysis and Multivariable Calculus Calculus CBK90797 Foundation subject choice B Spring semester Calculus Corporation of Discrete Mathematics CBK90797 Foundation subject choice B Spring semester Calculus Corporation of Discrete Mathematics Corporation of Corporation	35151							
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35102 Introduction to Analysis and Multivariable Calculus		-		оср				
Calculus Applications of Discrete Mathematics CBK90797 Foundation subject choice B Year 2 Autumn semester Select 12 credit points from the following options: 91326 Analytical Biochemistry 91330 Epidemiology and Public Health Microbiology 6cp 91330 Epidemiology and Public Health Microbiology 6cp 35212 Computational Linear Algebra 35214 Optimisation in Quantitative Management 35363 Stochastic Models 6cp 911401 Introductory Haematology and Immunology 6cp 91401 Introductory Haematology and Immunology 6cp	Spring se	emester		_	91703	Physiological Systems		6ср
35111 Applications of Discrete Mathematics CBK90797 Foundation subject choice B 6cp CBK90797 Foundation subject choice B 6cp Year 2 Select 12 credit points from the following options: 12cp Autumn semester 91330 Epidemiology and Public Health Microbiology 6cp 35212 Computational Linear Algebra 6cp 35241 Optimisation in Quantitative Management 35363 Stochastic Models 6cp 35364 Stochastic Models 6cp 3547 Muman Pathophysiology 6cp 91239 Human Pathophysiology 6cp 91239 Foundation in Quantitative Management 6cp 91340 Introductory Haematology and 12cp 91350 Introductory Haematology and 12cp 91360 Analytical Biochemistry 6cp 91401 Introductory Haematology and 12cp 91401 Introductory Haematology and 12cp	Spring se 35100	emester Introduction to Sample Surveys		_	91703 CBK90579	Physiological Systems Elective 1		6ср
Year 2 Autumn semester Select 12 credit points from the following options: 12cp 91326 Analytical Biochemistry 6cp 91330 Epidemiology and Public Health Microbiology 6cp 35212 Computational Linear Algebra 6cp 35241 Optimisation in Quantitative Management 6cp 35363 Stochastic Models 6cp 4cp 91401 Introductory Haematology and Immunology 6cp 1mmunology 6cp	Spring se 35100 35102	Introduction to Sample Surveys Introduction to Analysis and Multivariable Calculus		6ср 6ср	91703 CBK90579 Spring se	Physiological Systems PElective 1 mester		6cp 6cp
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Addutilis seriester 35212 Computational Linear Algebra 6cp 35241 Optimisation in Quantitative Management 6cp 35363 Stochastic Models 6cp Microbiology 6cp Introductory Haematology and Immunology 6cp	Spring se 35100 35102 35111 CBK9079	Introduction to Sample Surveys Introduction to Analysis and Multivariable Calculus Applications of Discrete Mathematics		6ср 6ср 6ср	91703 CBK90579 Spring se 91132 91239 Select 12 of	Physiological Systems Defective 1 mester Molecular Biology 1 Human Pathophysiology credit points from the following options:		6cp 6cp 6cp
35212 Computational Linear Algebra 6cp 91401 Introductory Haematology and Immunology 6cp 5135363 Stochastic Models 6cp 6cp 6cp	Spring se 35100 35102 35111 CBK9079 Year 2	Introduction to Sample Surveys Introduction to Analysis and Multivariable Calculus Applications of Discrete Mathematics Foundation subject choice B		6ср 6ср 6ср	91703 CBK90579 Spring se 91132 91239 Select 12 o 91326	Physiological Systems Plective 1 mester Molecular Biology 1 Human Pathophysiology credit points from the following options: Analytical Biochemistry	6ср	6cp 6cp 6cp
35363 Stochastic Models 6cp 6cp	Spring se 35100 35102 35111 CBK9079 Year 2 Autumn s	Introduction to Sample Surveys Introduction to Analysis and Multivariable Calculus Applications of Discrete Mathematics Foundation subject choice B		6cp 6cp 6cp 6cp	91703 CBK90579 Spring se 91132 91239 Select 12 o 91326	Physiological Systems Plective 1 mester Molecular Biology 1 Human Pathophysiology credit points from the following options: Analytical Biochemistry Epidemiology and Public Health		6cp 6cp 6cp
Solort 6 gradit points of electives 6cp	Spring se 35100 35102 35111 CBK9079 Year 2 Autumn s 35212	Introduction to Sample Surveys Introduction to Analysis and Multivariable Calculus Applications of Discrete Mathematics Foundation subject choice B semester Computational Linear Algebra		6cp 6cp 6cp 6cp	91703 CBK90579 Spring se 91132 91239 Select 12 of 91326 91330	Physiological Systems Plective 1 mester Molecular Biology 1 Human Pathophysiology credit points from the following options: Analytical Biochemistry Epidemiology and Public Health Microbiology Introductory Haematology and	6ср	6cp 6cp 6cp
Select 6 credit points of electives 6cp	Spring se 35100 35102 35111 CBK9079 Year 2 Autumn s 35212 35241	Introduction to Sample Surveys Introduction to Analysis and Multivariable Calculus Applications of Discrete Mathematics Foundation subject choice B semester Computational Linear Algebra Optimisation in Quantitative Management		6cp 6cp 6cp 6cp 6cp	91703 CBK90579 Spring se 91132 91239 Select 12 of 91326 91330	Physiological Systems Plective 1 mester Molecular Biology 1 Human Pathophysiology credit points from the following options: Analytical Biochemistry Epidemiology and Public Health Microbiology Introductory Haematology and	6ср	6cp 6cp 6cp

Year 3 Autumn semester 91707 Pharmacology 1 6ср 91706 Neuroscience 6ср Select 12 credit points from the following options: 12cp Medical Imaging 91403 6ср CBK90580 Elective 2 6cp CBK90581 Elective 3 6ср Spring semester 91705 Medical Devices and Diagnostics 6ср 91709 Pharmacology 2 6cp 91708 Medical and Applied Physiology 6ср CBK90582 Elective 4 Statistics major Year 1 Autumn semester 35140 Introduction to Quantitative Management 6ср 35101 Introduction to Linear Dynamical Systems 6ср 35151 Introduction to Statistics 6ср CBK90796 Foundation subject choice A 6ср Spring semester Introduction to Sample Surveys 35100 6ср 35102 Introduction to Analysis and Multivariable 6ср 35111 Applications of Discrete Mathematics 6cp CBK90797 Foundation subject choice B 6ср Year 2 Autumn semester 35212 Computational Linear Algebra 6ср Optimisation in Quantitative Management 35241 6cp Stochastic Models 35363 6ср Select 6 credit points of electives 6ср Spring semester 35231 Differential Equations 6ср 35353 Regression Analysis 6ср Select one subject from the following: 6ср Quality Control 35355 6ср 35393 Seminar (Statistics) 6ср Select 6 credit points of electives 6ср Year 3 Autumn semester 35252 Mathematical Statistics 6ср 35356 Design and Analysis of Experiments 6ср Advanced Calculus 35232 6ср Select 6 credit points of electives 6ср Spring semester Select one subject from the following: 6ср 35355 Quality Control 6ср 35361 Stochastic Processes 6ср 35393 Seminar (Statistics) 6ср Select two subjects from the following: 12cp 35322 Advanced Analysis 6cp 35342 Nonlinear Methods in Quantitative Management 6ср

Honours

35344

The Bachelor of Science (Honours) is available in all disciplines as an additional year to meritorious students.

Network and Combinatorial Optimisation

Other information

Further information is available from:

Select 6 credit points of electives

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10243v1 Bachelor of Science Bachelor of Arts in International Studies

Award(s): Bachelor of Science in (name of Science major) (BSc)

Bachelor of Arts in International Studies (BA)

UAC code: 609250 CRICOS code: 026202J

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Note(s)

For international students, mid-year (July/August) intake may be considered on a case-by-case basis by the faculty.

Overview

In the science component of this combined degree, students may select any one of 12 different specialised programs leading to the award of a science degree naming the chosen discipline, or students may select a range of science subjects to tailor their study according to their interests. In the international studies component, students are immersed in another language and culture. The combined degree program is aimed at increasing students' awareness of international contexts and producing graduates who are well prepared for professional careers in science in an international setting.

Career options

Career options include those listed for the single Bachelor of Science (C10242) (see page 241) degree, but global opportunities are enhanced by the international perspective provided by the international studies component and by the specific language and culture chosen.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Admission to the combined degree is on merit according to the admissions policy for the Bachelor of Science (C10242) (see page 241). There is a range of entry levels to the various language and culture programs. Students are admitted to the international studies program (see page 92) with no guarantee of entry to a specific major, although every effort is made to meet students' preferences.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics; English; and at least one science subject. There are no prior language requirements for the international studies program (see page 87).

HSC Mathematics Extension 1 is recommended for those majoring in mathematics/statistics.

Course duration and attendance

This course is offered over five years full time. Full-time attendance involves approximately 20 hours each week on campus. Students spend two semesters of study at a university or other higher education institution in the country of their major.

6ср

6ср

Course structure

All students must complete 240 credit points of study, comprising 144 credit points relating to the Bachelor of Science and 96 credit points relating to the Bachelor of Arts in International Studies. The Bachelor of Arts in International Studies requires undergraduates to study a region or country major over a minimum of three years. The Bachelor of Arts in International Studies is not offered as a separate degree, but is completed only in combination with the professional degree program.

Graduation from the science component of the combined degree is not possible prior to completion of all components of the combined degree. Students wishing to graduate with a Bachelor of Science prior to completion of the international studies component of the combined degree must apply for transfer to the Bachelor of Science (C10242) (see page 241) single degree program where they must complete all requirements for the stand-alone single degree.

Overseas study

Students spend their fourth year of study at a university overseas.

Course completion requirements

CBK90005 Country major choice	96ср
CBK90653 Stream choice	144cp
	Total 240cp

Course program

The programs shown are for a student in each of the science majors who has chosen the Germany major as the international studies major. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major.

List of science majors

MAJ01100	Applied Chemistry	96cp
MAJ01101	Applied Physics	96cp
MAJ01103	Biotechnology	96cp
MAJ01104	Biomedical Science	96cp
MAJ01106	Environmental Biology	96cp
MAJ01108	Environmental Forensics	96cp
MAJ01107	Marine Biology	96cp
MAJ01110	Mathematics	96ср
MAJ01105	Medical Science	96cp
MAJ01102	Nanotechnology	96cp
MAJ01111	Statistics	96cp
STM90694	No specified major (Life and Environmental	
	Sciences)	96cp
STM90697	No specified major (Physical Sciences)	96cp

Applied Chemistry major

Chemistry 2

Physics in Action

Introduction to Materials

Year 1

Autumn s	semester
33190	Mathematical Modelling for Science

65111	Chemistry I		6cr
68101	Foundations of Physics		6cr
Selec	t one of the following:		6cr
91163	Cell Biology and Genetics	6ср	
91107	7 The Biosphere	6cp	
Spring se	mester		
33290	Statistics and Mathematics for Science		6cr

6ср

6ср

68201 68070 Year 2

65212

Autumn semester

97601	German Language and Culture 1	8ср
976001	Foundations in International Studies	8cp
65202	Organic Chemistry 1	6ср
65410	Chemical Safety and Legislation	6ср
Spring ser	nester	
Spring ser 97602	nester German Language and Culture 2	8ср
, ,		8cp 6cp

Year 3		
Autumn s	emester	
97603 65307	German Language and Culture 3 Physical Chemistry 1	8cp 6cp
Select 6 cr	edit points of electives	6ср
Spring se		
97604 976421 65306	German Language and Culture 4 Contemporary Germany Analytical Chemistry 1	8cp 8cp 6cp
Select 6 cr	edit points of electives	6ср
Year 4		
Autumn s 977420	emester In-country Study 1: Germany	24cp
Spring ser 978420	mester In-country Study 2: Germany	24cp
Year 5		•
Autumn s	emester	
65409	Analytical Chemistry 2	6ср
65509 67305	Inorganic Chemistry 2 Polymer Science	6ср 6ср
	edit points of electives	6ср
Spring se	1	оср
65607	Physical Chemistry 2	6ср
65606	Analytical Chemistry 3	6ср
67510	Surface Processes	6ср
	edit points of electives	6ср
	Physics major	
Year 1		
Autumn s 33190	emester Mathematical Modelling for Science	6 cm
65111	Chemistry 1	6ср 6ср
68101	Foundations of Physics	6ср
Selec 91161 91107		6cp 6cp
Spring se		1
33290	Statistics and Mathematics for Science	6ср
65212 68201	Chemistry 2 Physics in Action	6ср 6ср
68070	Introduction to Materials	6cp
Year 2		
Autumn s	emester	
97601	German Language and Culture 1	8cp
976001 33360	Foundations in International Studies Mathematics for Physical Science	8cp 6cp
68412	Energy Science and Technology	6cp
Spring se		0
97602 68315	German Language and Culture 2 Imaging Science	8ср 6ср
68413	Quantum Physics	6ср
Year 3		
Autumn s	emester	
97603 68075	German Language and Culture 3 Nanomaterials	8cp 6cp
Select 6 cr	edit points of electives	6ср
Spring se		
97604 976421	German Language and Culture 4 Contemporary Germany	8cp 8cp
68414	Advanced Mechanics	6ср
Select 6 cr	edit points of electives	6ср
Year 4		
Autumana		
977420	emester In-country Study 1: Germany	24cp

In-country Study 2: Germany

24cp

Spring semester 978420

Year 5				Biotechn	ology major		
Autumn se	emester			Year 1			
68316	Applied Electronics and Interfacing		6ср		omostor		
68606	Solid-state Science and Nanodevices		6ср	Autumn so			,
68416	Computational Physics		6ср	91161	Cell Biology and Genetics		6cp
Select 6 cre	edit points of electives		6ср	65111 91107	Chemistry 1 The Biosphere		6cp
	-		ocp	33116	Statistical Design and Analysis		6cp
Spring ser							оср
68320	Scanning Probe and Electron Microscopy		6cp	Spring sei			
68513	Optics and Nanophotonics		6cp	65212	Chemistry 2		6ср
68415	Measurement and Analysis of Physical Process	ses	6ср	68041	Physical Aspects of Nature		6cp
Select 6 cre	edit points of electives		6ср	91123	Biocomplexity		6cp
Biomedic	al Science major			91400	Human Anatomy and Physiology		6ср
Year 1	•			Year 2	omester		
Autumn	amastar.			Autumn so			0
Autumn se				97601	German Language and Culture 1		8cp
91161	Cell Biology and Genetics		6cp	976001 91320	Foundations in International Studies Metabolic Biochemistry		8cp
65111	Chemistry 1		6cp	91320	General Microbiology		6cp
91107 33116	The Biosphere		6cp		0,		оср
	Statistical Design and Analysis		6ср	Spring ser			
Spring ser				97602	German Language and Culture 2		8cp
65212	Chemistry 2		6ср	91132	Molecular Biology 1		6ср
68041	Physical Aspects of Nature		6ср	Select 12 c	redit points from the following options:		12ср
91123	Biocomplexity		6ср	91326	Analytical Biochemistry 6c		-1
91400	Human Anatomy and Physiology		6ср	91330	Epidemiology and Public Health	1	
Year 2					Microbiology 6c	р	
				91401	Introductory Haematology and	•	
Autumn se					Immunology 6c	p	
97601	German Language and Culture 1		8cp	Year 3			
976001	Foundations in International Studies		8cp	ieai 5			
91320	Metabolic Biochemistry		6ср	Autumn s	emester		
91314	General Microbiology		6ср	97603	German Language and Culture 3		8cp
Spring ser	nester			91142	Biotechnology		6ср
97602	German Language and Culture 2		8ср	CBK90579	Elective 1		6cp
91132	Molecular Biology 1		6ср	Spring ser	mester		
Select 12 c	redit points from the following options:		12cp	97604	German Language and Culture 4		8ср
91326		бср	1200	976421	Contemporary Germany		8cp
91330	Epidemiology and Public Health	ч			Elective 2		6cp
71000	3.61 1.11	бср					I
91401	Introductory Haematology and	-1		Year 4			
		бср		Autumn s	emester		
Year 3		•		977420	In-country Study 1: Germany	2	24cp
				Spring ser	mester		
Autumn se	emester			978420		,	2400
97603	German Language and Culture 3		8cp	970420	In-country Study 2: Germany	4	24cp
	Histology		6ср	Year 5			
CBK90579	Elective 1		6ср	Autumn s	emester		
Spring ser	nester			91369	Biobusiness and Environmental Biotechnology		6an
97604	German Language and Culture 4		8ср	91335	Molecular Biology 2		6cp
976421	Contemporary Germany		8cp	91359	Advanced Immunology		6cp 6cp
	Elective 2		6cp		Elective 3		6ср
V/			1				ocp
Year 4				Spring ser			_
Autumn se	emester			91144	Plant Biotechnology		6cp
977420	In-country Study 1: Germany		24cp	91368	Bioreactors and Bioprocessing		6cp
Spring cor	nostor		•	CBK90582	2 Elective 4		6ср
Spring ser			24	Select 6 cr	edit points from the following options:		6ср
978420	In-country Study 2: Germany		24cp	91345	Biochemistry, Genes and Disease 6cg	p	
Year 5				91129	Transfusion Science 6c		
Autumn se	emester			91352	Parasitology 6cg	p	
CBK90581	Elective 3		6ср	Environn	nental Biology major		
Select 18 c	redit points from the following options:		18cp	Year 1			
91335		cp		Autumn s	omostor		
91344		cp					
91359		cp		91161	Cell Biology and Genetics		6cp
91338		cp		65111 91107	Chemistry 1 The Biosphere		6cp
91358	Advanced Haematology 6	cp		33116	Statistical Design and Analysis		6cp
Spring ser	nester				· ·		оср
CBK90582			6ср	Spring ser			
			•	65212	Chemistry 2		6cp
91129	redit points from the following options: Transfusion Science	icn	18cp	68041	Physical Aspects of Nature		6cp
91345		cp cp		91123	Biocomplexity		6cp
91352		ср		91400	Human Anatomy and Physiology		6ср
91402		ср					
	0,	1					

Year 2		Spring semester	
Autumn semester		97604 German Language and Culture 4	8ср
97601 German Language and G	Culture 1 8cp	976421 Contemporary Germany	8ср
976001 Foundations in Internati		Select 12 credit points of electives	12cp
91110 Experimental Design an 91154 Ecology	d Sampling 6cp 6cp	Year 4	
67	ocp	Autumn semester	
Spring semester 97602 German Language and (Culture 2 8cp	977420 In-country Study 1: Germany	24cp
91270 Plant Physiology and Ec		Spring semester	
91363 Animal Behaviour and I		978420 In-country Study 2: Germany	24cp
Year 3		Year 5	
Autumn semester		Autumn semester	
97603 German Language and G	Culture 3 8cp	91120 GIS and Remote Sensing	6ср
91149 Geological Processes	6ср	91121 Aquatic Ecology	6cp
Select 6 credit points of electives	6ср	79004 Environmental Law and Science 91309 Biodiversity Conservation	6cp
Spring semester		,	6ср
97604 German Language and G		Spring semester	at Gon
976421 Contemporary Germany	7 8ср	91145 Environmental Protection and Managemer 79023 Environmental Forensic Law	nt 6cp 6cp
Select 12 credit points of electives	12cp	91155 Stream and Lake Assessment	6cp
Year 4		Select 6 credit points of electives	6ср
Autumn semester		Marine Biology major	
977420 In-country Study 1: Geri	many 24cp		
Spring semester		Year 1	
978420 In-country Study 2: Geri	many 24cp	Autumn semester	,
Year 5		91161 Cell Biology and Genetics 65111 Chemistry 1	6ср 6ср
Autumn semester		91107 The Biosphere	6ср
91120 GIS and Remote Sensing	6ср	33116 Statistical Design and Analysis	6cp
91121 Aquatic Ecology	6ср	Spring semester	
91116 Wildlife Ecology 91309 Biodiversity Conservation	6cp	65212 Chemistry 2	6ср
,	on 6cp	68041 Physical Aspects of Nature 91123 Biocomplexity	6cp
Spring semester 91145 Environmental Protection	on and Management 6cm	91123 Biocomplexity 91400 Human Anatomy and Physiology	6ср 6ср
91155 Stream and Lake Assess:		Year 2	r
Select one of the following:	6ср		
		Autumn semester	
91370 Semi-arid Ecology	6ср	07601 Common Language and Culture 1	9.00
91370 Semi-arid Ecology 91371 Forest and Mountain		97601 German Language and Culture 1 976001 Foundations in International Studies	8ср 8ср
		976001 Foundations in International Studies 91110 Experimental Design and Sampling	8cp 8cp 6cp
91371 Forest and Mountain Select 6 credit points of electives	in Ecology 6cp 6cp	976001 Foundations in International Studies 91110 Experimental Design and Sampling 91154 Ecology	8cp
91371 Forest and Mountain Select 6 credit points of electives Environmental Forensics major	in Ecology 6cp 6cp	976001 Foundations in International Studies 91110 Experimental Design and Sampling 91154 Ecology Spring semester	8cp 6cp 6cp
91371 Forest and Mountain Select 6 credit points of electives Environmental Forensics major Year 1	in Ecology 6cp 6cp	976001 Foundations in International Studies 91110 Experimental Design and Sampling 91154 Ecology Spring semester 97602 German Language and Culture 2	8cp 6cp 6cp
91371 Forest and Mountain Select 6 credit points of electives Environmental Forensics major Year 1 Autumn semester	in Ecology 6cp 6cp	976001 Foundations in International Studies 91110 Experimental Design and Sampling 91154 Ecology Spring semester 97602 German Language and Culture 2 91157 Marine Communities	8cp 6cp 6cp 8cp 6cp
91371 Forest and Mountain Select 6 credit points of electives Environmental Forensics major Year 1 Autumn semester 91161 Cell Biology and Genetic	in Ecology 6cp 6cp 6cp	976001 Foundations in International Studies 91110 Experimental Design and Sampling 91154 Ecology Spring semester 97602 German Language and Culture 2 91157 Marine Communities 91270 Plant Physiology and Ecophysiology	8cp 6cp 6cp
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91371 Forest and Mountain Select 6 credit points of electives Environmental Forensics major Year 1 Autumn semester 91161 Cell Biology and Genetic 65111 Chemistry 1	cs 6cp 6cp 6cp 6cp	976001 Foundations in International Studies 91110 Experimental Design and Sampling 91154 Ecology Spring semester 97602 German Language and Culture 2 91157 Marine Communities 91270 Plant Physiology and Ecophysiology Year 3 Autumn semester	8cp 6cp 6cp 8cp 6cp 6cp
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91371 Forest and Mountain Select 6 credit points of electives Environmental Forensics major Year 1 Autumn semester 91161 Cell Biology and Genetic 65111 Chemistry 1 91107 The Biosphere 33116 Statistical Design and Autumn semester 65212 Chemistry 2 68041 Physical Aspects of Nature	in Ecology 6cp 6cp 6cp r cs 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	976001 Foundations in International Studies 91110 Experimental Design and Sampling 91154 Ecology Spring semester 97602 German Language and Culture 2 91157 Marine Communities 91270 Plant Physiology and Ecophysiology Year 3 Autumn semester 97603 German Language and Culture 3 91149 Geological Processes Select 6 credit points of electives	8cp 6cp 6cp 8cp 6cp 6cp
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91371 Forest and Mountain Select 6 credit points of electives Environmental Forensics major Year 1 Autumn semester 91161 Cell Biology and Genetic 65111 Chemistry 1 91107 The Biosphere 33116 Statistical Design and An Spring semester 65212 Chemistry 2 68041 Physical Aspects of Natu 91123 Biocomplexity 91400 Human Anatomy and Pr Year 2 Autumn semester 97601 German Language and 0 976001 Foundations in Internati 91110 Experimental Design an 91154 Ecology Spring semester 97602 German Language and 0	fin Ecology 6cp	976001 Foundations in International Studies 91110 Experimental Design and Sampling 91154 Ecology Spring semester 97602 German Language and Culture 2 91157 Marine Communities 91270 Plant Physiology and Ecophysiology Year 3 Autumn semester 97603 German Language and Culture 3 91149 Geological Processes Select 6 credit points of electives Spring semester 97604 German Language and Culture 4 976421 Contemporary Germany 91363 Animal Behaviour and Physiology Select 6 credit points of electives Year 4 Autumn semester	8cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
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91371 Forest and Mountai Select 6 credit points of electives Environmental Forensics major Year 1 Autumn semester 91161 Cell Biology and Genetic 65111 Chemistry 1 91107 The Biosphere 33116 Statistical Design and Ar Spring semester 65212 Chemistry 2 68041 Physical Aspects of Natu 91123 Biocomplexity 91400 Human Anatomy and Pr Year 2 Autumn semester 97601 German Language and 0 976001 Foundations in Internati 91110 Experimental Design an 91154 Ecology Spring semester 97602 German Language and 0 65621 Environmental Chemist 91159 Environmental Forensics Year 3 Autumn semester	6cp	976001 Foundations in International Studies 91110 Experimental Design and Sampling 91154 Ecology Spring semester 97602 German Language and Culture 2 91157 Marine Communities 91270 Plant Physiology and Ecophysiology Year 3 Autumn semester 97603 German Language and Culture 3 91149 Geological Processes Select 6 credit points of electives Spring semester 97604 German Language and Culture 4 976421 Contemporary Germany 91363 Animal Behaviour and Physiology Select 6 credit points of electives Year 4 Autumn semester 977420 In-country Study 1: Germany Spring semester 978420 In-country Study 2: Germany Year 5 Autumn semester 91120 GIS and Remote Sensing 91121 Aquatic Ecology Select one of the following:	8cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 24cp 24cp
91371 Forest and Mountain Select 6 credit points of electives Environmental Forensics major Year 1 Autumn semester 91161 Cell Biology and Genetic 65111 Chemistry 1 91107 The Biosphere 33116 Statistical Design and Air Spring semester 65212 Chemistry 2 68041 Physical Aspects of Natr 91123 Biocomplexity 91400 Human Anatomy and Property 10 Foundations in Internation 97601 German Language and 10 Foundations in Internation 91110 Experimental Design an 91154 Ecology Spring semester 97602 German Language and 10 Foundations in Internation 91159 Environmental Chemistry 91159 Environmental Chemistry 9159 German Language and 10 Foundations in Internation 91159 Environmental Chemistry 9159 Environmental Chemistry 9159 Environmental Chemistry 9159 German Language and 10 Foundations German Language Accounts German Lan	1	976001 Foundations in International Studies 91110 Experimental Design and Sampling 91154 Ecology Spring semester 97602 German Language and Culture 2 91157 Marine Communities 91270 Plant Physiology and Ecophysiology Year 3 Autumn semester 97603 German Language and Culture 3 91149 Geological Processes Select 6 credit points of electives Spring semester 97604 German Language and Culture 4 976421 Contemporary Germany 91363 Animal Behaviour and Physiology Select 6 credit points of electives Year 4 Autumn semester 977420 In-country Study 1: Germany Spring semester 978420 In-country Study 2: Germany Year 5 Autumn semester 91120 GIS and Remote Sensing 91121 Aquatic Ecology Select one of the following: 66513 Marine Geosciences	8cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 24cp 24cp
91371 Forest and Mountain Select 6 credit points of electives Environmental Forensics major Year 1 Autumn semester 91161 Cell Biology and Genetic 65111 Chemistry 1 91107 The Biosphere 33116 Statistical Design and An Spring semester 65212 Chemistry 2 68041 Physical Aspects of Natu 91123 Biocomplexity 91400 Human Anatomy and Property of the propert	fin Ecology 6cp	976001 Foundations in International Studies 91110 Experimental Design and Sampling 91154 Ecology Spring semester 97602 German Language and Culture 2 91157 Marine Communities 91270 Plant Physiology and Ecophysiology Year 3 Autumn semester 97603 German Language and Culture 3 91149 Geological Processes Select 6 credit points of electives Spring semester 97604 German Language and Culture 4 976421 Contemporary Germany 91363 Animal Behaviour and Physiology Select 6 credit points of electives Year 4 Autumn semester 977420 In-country Study 1: Germany Spring semester 978420 In-country Study 2: Germany Year 5 Autumn semester 91120 GIS and Remote Sensing 91121 Aquatic Ecology Select one of the following:	8cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 24cp 24cp

Spring ser	mester			Nanotec	hnology major		
91156 91126	Marine Primary Producers Coral Reef Ecosystems		6cp	Year 1			
91145	Environmental Protection and Management		6ср 6ср	Autumn	semester		
Select 6 cr	edit points of electives		6ср	33190	Mathematical Modelling for Science		6ср
	Science major		- 1	65111 68101	Chemistry 1 Foundations of Physics		6ср 6ср
Year 1					ct one of the following:		6ср
Autumn se				9116 9110		6ср 6ср	
91161	Cell Biology and Genetics		6cp	Spring se	emester		
65111 91107	Chemistry 1 The Biosphere		6ср 6ср	33290	Statistics and Mathematics for Science		6ср
33116	Statistical Design and Analysis		6cp	65212 68201	Chemistry 2		6cp
Spring ser	mester			68070	Physics in Action Introduction to Materials		6ср 6ср
65212	Chemistry 2		6ср	Year 2			- 1
91123 91400	Biocomplexity Human Anatomy and Physiology		6cp				
68041	Physical Aspects of Nature		6ср 6ср	Autumn s 97601	German Language and Culture 1		8cn
Year 2	7 1		1	976001	Foundations in International Studies		8ср 8ср
	omostor.			33360	Mathematics for Physical Science		6ср
Autumn se 97601	German Language and Culture 1		8ср	68075	Nanomaterials		6ср
976001	Foundations in International Studies		8cp	Spring se			_
91320	Metabolic Biochemistry		6ср	97602 68315	German Language and Culture 2 Imaging Science		8ср 6ср
91703	Physiological Systems		6ср	68413	Quantum Physics		6ср
Spring ser			Ō	Year 3			1
97602 91132	German Language and Culture 2 Molecular Biology 1		8ср 6ср	Autumn	comostor		
91239	Human Pathophysiology		6ср	97603	German Language and Culture 3		8ср
Year 3			-	65307	Physical Chemistry 1		6ср
Autumn se	emester			Select 6 c	redit points of electives		6ср
97603	German Language and Culture 3		8ср	Spring se	emester		-
91314	General Microbiology		6cp	97604	German Language and Culture 4		8ср
Select 6 cr	edit points from the following options:		6ср	976421	Contemporary Germany		8cp
91403		6cp		91140	BioNanotechnology		6ср
		6ср			redit points of electives		6ср
Spring ser 97604	German Language and Culture 4		8ср	Year 4			
976421	Contemporary Germany		8cp	Autumn			
Select 12 c	redit points from the following options:		12cp	977420	In-country Study 1: Germany		24cp
91326		6ср	•	Spring se			0.4
91401	Introductory Haematology and Immunology	6ср		978420	In-country Study 2: Germany		24cp
91330	Epidemiology and Public Health	оср		Year 5			
	Microbiology	6ср		Autumn			
Year 4				68316 68606	Applied Electronics and Interfacing Solid-state Science and Nanodevices		6ср 6ср
Autumn se	emester			67509	Molecular Nanotechnology		6ср
977420	In-country Study 1: Germany		24cp	Select 6 c	redit points of electives		6ср
Spring ser	mester			Spring se	=		1
978420	In-country Study 2: Germany		24cp	68320	Scanning Probe and Electron Microscopy		6ср
Year 5				68513	Optics and Nanophotonics		6cp
Autumn se	emester			67510	Surface Processes		6ср
91707	Pharmacology 1		6ср	Select 6 c	redit points of electives		6ср
91706	Neuroscience		6ср	Mathem	atics major		
	edit points from the following options:	600	6ср	Year 1			
91403 CBK90580		6ср 6ср		Autumn	semester		
CBK90581		6cp		35140	Introduction to Quantitative Management		6ср
Spring ser	mester			35101	Introduction to Linear Dynamical Systems		6ср
91709	Pharmacology 2		6cp	35151 CBK9079	Introduction to Statistics 6 Foundation subject choice A		6cp 6cp
91708 CBK90582	Medical and Applied Physiology 2 Elective 4		6ср 6ср	Spring se	·		J-P
91705	Medical Devices and Diagnostics		6cp	35100	Introduction to Sample Surveys		6ср
				35102	Introduction to Analysis and Multivariable		-
				35111	Calculus Applications of Discrete Mathematics		6ср 6ср
					7 Foundation subject choice B		6ср
							-

Year 2				Spring se	emester		
	semester			35100	Introduction to Sample Surveys	60	ср
97601	German Language and Culture 1		8cp	35102	Introduction to Analysis and Multivariable Calculus	60	cn
35212 35241	Computational Linear Algebra Optimisation in Quantitative Management		6ср 6ср	35111	Applications of Discrete Mathematics		ср
35363	Stochastic Models		6ср	CBK9079	7 Foundation subject choice B	60	ср
Spring se	emester		_	Year 2			
97602	German Language and Culture 2		8cp	Autumn			
35231 35353	Differential Equations Regression Analysis		6ср 6ср	97601 35363	German Language and Culture 1 Stochastic Models		ср ср
	credit points from the following options:		6ср	35212	Computational Linear Algebra		ср
35335	Mathematical Methods	6ср	оср	35241	Optimisation in Quantitative Management	60	ср
35342	Nonlinear Methods in Quantitative Management	6ср		Spring se			
35344	Network and Combinatorial Optimisation	6ср		97602 35231	German Language and Culture 2 Differential Equations		ср ср
35355 35391	Quality Control Seminar (Mathematics)	6cp		35353	Regression Analysis		сp
35393	Seminar (Statistics)	6ср 6ср			ct one of the following:		ср
Year 3		•		3535 3539		6ср 6ср	
Autumn	semester			Year 3	o Seminar (Statistics)	оср	
97603	German Language and Culture 3		8cp		comostor		
976001	Foundations in International Studies		8cp	Autumn : 97603	German Language and Culture 3	80	ср
Select 6 c	credit points of electives		6ср	976001	Foundations in International Studies	_	cp
Spring se			0	Select 6 c	redit points of electives	60	ср
97604 976421	German Language and Culture 4 Contemporary Germany		8ср 8ср	Spring se	emester		
	credit points from the following options:		6ср	97604	German Language and Culture 4		ср
35335	Mathematical Methods	6ср	ocp	976421	Contemporary Germany		ср
35342	Nonlinear Methods in Quantitative Management	6ср			redit points of electives	60	ср
35344	Network and Combinatorial Optimisation	6ср		Year 4			
35355 35391	Quality Control Seminar (Mathematics)	6cp 6cp		Autumn : 977420	semester In country Study 1: Cormony	24	an.
35393	Seminar (Statistics)	6ср		Spring se	In-country Study 1: Germany	240	ср
Year 4				978420	In-country Study 2: Germany	240	ср
Autumn					, ,		1
Autuilli	semester			Year 5			
977420	In-country Study 1: Germany		24cp	Year 5 Autumn s	semester		
977420 Spring se	In-country Study 1: Germany emester		-	Autumn s	Mathematical Statistics	60	ср
977420 Spring se 978420	In-country Study 1: Germany		24cp 24cp	Autumn s 35252 35356	Mathematical Statistics Design and Analysis of Experiments	60	сp
977420 Spring se	In-country Study 1: Germany emester		-	Autumn s 35252 35356 35232	Mathematical Statistics Design and Analysis of Experiments Advanced Calculus	60 60	cp cp
977420 Spring se 978420 Year 5 Autumn s	In-country Study 1: Germany emester In-country Study 2: Germany semester		24cp	Autumn s 35252 35356 35232 Select 6 c	Mathematical Statistics Design and Analysis of Experiments Advanced Calculus redit points of electives	60 60	сp
977420 Spring se 978420 Year 5 Autumn : 35232	In-country Study 1: Germany emester In-country Study 2: Germany semester Advanced Calculus		24cp 6cp	Autumn s 35252 35356 35232 Select 6 c Spring se	Mathematical Statistics Design and Analysis of Experiments Advanced Calculus redit points of electives emester	60 60	cp cp
977420 Spring se 978420 Year 5 Autumn : 35232 Select 12	In-country Study 1: Germany emester In-country Study 2: Germany semester Advanced Calculus credit points from the following options:	6ср	24cp	Autumn s 35252 35356 35232 Select 6 c Spring se	Mathematical Statistics Design and Analysis of Experiments Advanced Calculus redit points of electives	60 60 60	cp cp
977420 Spring se 978420 Year 5 Autumn : 35232 Select 12 35340 35252	In-country Study 1: Germany emester In-country Study 2: Germany semester Advanced Calculus credit points from the following options: Quantitative Management Practice Mathematical Statistics	6cp 6cp	24cp 6cp	Autumn s 35252 35356 35232 Select 6 c Spring se Select on 35355 35361	Mathematical Statistics Design and Analysis of Experiments Advanced Calculus redit points of electives emester e subject from the following: Quality Control Stochastic Processes	60 60 60 60 60 60 60	cp cp
977420 Spring se 978420 Year 5 Autumn: 35232 Select 12 35340 35252 35356	In-country Study 1: Germany emester In-country Study 2: Germany semester Advanced Calculus credit points from the following options: Quantitative Management Practice Mathematical Statistics Design and Analysis of Experiments	6cp 6cp	24cp 6cp	Autumn s 35252 35356 35232 Select 6 c Spring se Select on 35355 35361 35393	Mathematical Statistics Design and Analysis of Experiments Advanced Calculus redit points of electives emester e subject from the following: Quality Control Stochastic Processes Seminar (Statistics)	66 66 66 66 66 66 66 66 66	cp cp cp
977420 Spring so 978420 Year 5 Autumn : 35232 Select 12 35340 35252 35356 35383	In-country Study 1: Germany emester In-country Study 2: Germany semester Advanced Calculus credit points from the following options: Quantitative Management Practice Mathematical Statistics Design and Analysis of Experiments High Performance Computing	6ср	24cp 6cp 12cp	Autumn s 35252 35356 35232 Select 6 c Spring se Select on 35355 35361 35393	Mathematical Statistics Design and Analysis of Experiments Advanced Calculus redit points of electives emester e subject from the following: Quality Control Stochastic Processes Seminar (Statistics) o subjects from the following:	60 60 60 60 60 60 60 60 60 60 60 60	cp cp cp
977420 Spring se 978420 Year 5 Autumn : 35232 Select 12 35340 35252 35356 35383 Select 6 c	In-country Study 1: Germany emester In-country Study 2: Germany semester Advanced Calculus credit points from the following options: Quantitative Management Practice Mathematical Statistics Design and Analysis of Experiments High Performance Computing	6cp 6cp	24cp 6cp	Autumn s 35252 35356 35232 Select 6 c Spring se Select on 35355 35361 35393 Select tw	Mathematical Statistics Design and Analysis of Experiments Advanced Calculus redit points of electives emester e subject from the following: Quality Control Stochastic Processes Seminar (Statistics) o subjects from the following: Advanced Analysis Nonlinear Methods in Quantitative	66 66 66 6cp 6cp 6cp	cp cp cp
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6cp

6ср

6ср

6ср

C10244v1 Bachelor of Forensic Science in Applied Chemistry

Award(s): Bachelor of Forensic Science in Applied Chemistry (BForSc)

UAC code: 607020 CRICOS code: 061246F

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

For international students, mid-year (July/August) intake may be considered on a case-by-case basis by the faculty.

Overview

This course prepares students for entry to professional work in the field of applied chemistry or as specialists in the forensic science area. It includes a foundation in the basic sciences, with in-depth development of chemistry and analytical sciences and forensic techniques, emphasising forensic applications.

The hands-on course is well regarded nationally and internationally. It is unique in Australasia and draws on UTS's strong expertise in both forensic science and chemistry to produce graduates prepared for employment in either field. Facilities and equipment are worldclass, with internationally recognised teaching, research and access to leading forensic experts. The course has strong links with the federal and state police services, national and international forensic institutions and the analytical industry.

Course aims

This course aims to produce professional forensic scientists and chemists with highly adaptable and practical scientific skills, accompanied by a thorough grounding in theory.

Career options

Career options include positions in the police service (in crime scene or laboratories), in state and federal law enforcement agencies, in government and private forensic or drug detection laboratories, in environmental protection agencies and in pharmaceutical and chemical industries.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics; any two units of English; and any two units of science. HSC Mathematics Extension 1; Chemistry; Physics are recommended.

Course duration and attendance

Students can complete the course over three years full time. Full-time attendance involves approximately 24 hours each week on campus. Students may also be able to complete the course part time, usually at the rate of two subjects a semester (a 50 per cent load), taking six years to complete. Part-time students are required to attend some sessions in daytime hours.

Course structure

The course comprises 144 credit points of study. Stages 1-4 (the first two years) of the program are similar, though not identical, to the Bachelor of Science (Applied Chemistry major) (C10242) (see page 241). Stages 5-6 (the final year) are strongly focused on forensic studies.

Course completion requirements

33190 65111 68101	Mathematical Modelling for Science Chemistry 1 Foundations of Physics		6cp 6cp 6cp
Select one 91161 91107 33290 65212 65242	. 00	6cp 6cp	6cp 6cp 6cp
Select one 68070 68201 91400 65202 65410 65307 65342 65508 65411 65306 65412 65409 65544 65545 65607	of the following: Introduction to Materials Physics in Action	6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
65606 65643	Analytical Chemistry 3 Chemistry and Pharmacology of Recreational Drugs	al	6ср 6ср
65644	Fire and Explosion Investigation		6ср
Select 6 cre 35255 65509 67305	edit points from the following options: Forensic Statistics Inorganic Chemistry 2 Polymer Science	6cp 6cp 6cp Total 1	6ср 44ср

Course program

The program shown assumes full-time attendance, commencing in Autumn semester.

Year 1

Autumn semester

65111 68101	Chemistry 1 Foundations of Physics		6cp 6cp
Sele 911 911	. 07	6ср 6ср	6ср
Spring s	emester		
33290 65212 65242	Statistics and Mathematics for Science Chemistry 2 Principles of Forensic Science		6cp 6cp 6cp
Sele	ect one of the following:		6ср

Mathematical Modelling for Science

Introduction to Materials

Physics in Action

Year 2

Autumn semester

68070

68201

91400

65202	Organic Chemistry 1	6ср
65410	Chemical Safety and Legislation	6cp
65307	Physical Chemistry 1	6cp
65342	Crime Scene Investigation	6cp
Spring s	semester	
65508	Organic Chemistry 2	6ср
65411	Inorganic Chemistry 1	6cp
65306	Analytical Chemistry 1	6cp
65412	Physical Evidence	6cp

Human Anatomy and Physiology

Year 3

Autumn semester

65409	Analytical Chemistry 2	(5cp
65544	Chemical Criminalistics	(6ср
65545	Forensic Toxicology	(6ср
Sele	ect one of the following:	(бср
3525	55 Forensic Statistics	6ср	
6550	09 Inorganic Chemistry 2	6ср	
6730	D5 Polymer Science	6cp	

0,000	1 ory mer ocience	ocp.
Spring ser	nester	
65607	Physical Chemistry 2	6ср
65606	Analytical Chemistry 3	6ср
65643	Chemistry and Pharmacology of Recreational	
	Drugs	6ср
65644	Fire and Explosion Investigation	6ср

Honours

The Bachelor of Forensic Science (Honours) in Applied Chemistry (C09050) (see page 118) is available as an additional year to meritorious

Professional recognition

Graduates are eligible for membership of the Royal Australian Chemical Institute and the Australian and New Zealand Forensic Science Society.

Other information

Further information is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10245v2 Bachelor of Science in Information Technology Bachelor of

Award(s): Bachelor of Science in Information Technology (BSc)

Bachelor of Laws (LLB) UAC code: 609020 CRICOS code: 064382G

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Overview

The primary goal of this combined degree is to prepare lawyers with an expert knowledge of IT qualifying them to work as IT professionals in a legal environment.

The law component of this course provides a thorough grounding in Australian legal practice. The information technology component offers a sound education in all aspects of computing and information technology and allows students to gain a specialisation with an IT

The information technology component adopts a practice-based approach to IT education and the course content is a mix of theory and practice. As well as gaining strong technical skills in IT, students gain skills in business analysis, problem solving, teamwork and communication.

Career options

Lawyers with IT skills are in demand. Career opportunities include lawyer or policy adviser in various government departments, in-house legal counsel to an IT or software company, or specialist in areas such as intellectual property, e-commerce and privacy or internet censorship. Alternatively, graduates can work as IT professionals in legal practice, legal publishing or private law firms.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

HSC or equivalent mathematics; and any two units of English. Mathematics Extension 1 and English Advanced are recommended.

Credit recognition

Credit recognition is not normally granted in this course for study completed at a private college, except where UTS has an external articulation agreement with the college. There are no exemptions granted for the networking subjects 31270, 31277 and 31283 without the successful completion of the challenge test for each of the these subjects. A challenge test is granted at enrolment time to students who have completed the CCNA curriculum (or CCNP) at a university and/ or TAFE diploma level where the awarding institution is a CISCO Networking Academy. These challenge tests are always held in the week before the commencement of semester.

Course duration and attendance

The course duration is five years of full-time study. The law component requires attendance of 10-15 hours of lectures a week and timetable constraints require attendance at daytime and evening classes. The IT component normally requires around 12 hours attendance of lectures and seminars a week and attendance at some evening classes may be required. The Diploma in Information Technology Professional Practice (C20049) (see page 299) includes at least nine months of paid work experience in the IT industry.

Course structure

The course comprises a total of 240 credit points, allowing students to graduate with the separate degrees of Bachelor of Science in Information Technology and Bachelor of Laws. The study components for course completion are as follows.

The law component of 144 credit points is made up of:

- 102 credit points of compulsory core law subjects, and
- 42 credit points of law options.

The IT component of 96 credit points is made up of:

- 48 credit points of core IT subjects, and
- 48 credit points of subjects for an IT major.

Industrial training/professional practice

To practise as a lawyer in NSW, students need to successfully complete an accredited legal academic qualification (e.g. Bachelor of Laws) and an accredited course of practical legal training (PLT), which UTS offers through its PLT program.

Students enrolled in this course may complete their practical legal training by undertaking a postgraduate course in PLT, such as the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

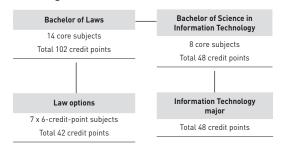
Students also have the option to undertake the Diploma in Information Technology Professional Practice (C20049) (see page 299) once they have secured suitable full-time employment in the IT industry. This incorporates a minimum of nine months' full-time paid work experience with four supporting subjects at UTS.

Course completion requirements

STM90691 Law stream	144ср
STM90651 Core subjects (Information Technolog	y) 48cp
CBK90781 Major choice (Information Technology	y) 48cp
, , , , , , , , , , , , , , , , , , ,	Total 240cp

24cp

Course diagram



Course program

The standard program shown is for a full-time student with law

All options shown are law options and are to be drawn from those on offer in CBK90383.

All electives shown are IT electives and are to be drawn from those on offer in CBK90781.

Year 1

Autumn seme STM90651	ester	
31265 31268	Communication for IT Professionals Web Systems	6ср 6ср
STM90688 70115	Perspectives on Law	8cp
70120	Legal Method and Research	6ср
Spring semes STM90651	ster	
31266 48023 31270 STM90688	Introduction to Information Systems Programming Fundamentals Networking Essentials	6cp 6cp 6cp
70211	Contracts	8cp
Year 2		
Autumn seme	ester	
STM90651 31269 STM90688	Business Requirements Modelling	6ср
70218	Criminal Law	8ср
70311	Torts	8cp
Spring semes	ster	
STM90651 31271 STM90688	Database Fundamentals	6ср
70317	Real Property	8cp
70327	Commercial Law	6ср
	points of electives	6ср
Year 3		
Autumn seme STM90688	ester	
70616 70617	Australian Constitutional Law Administrative Law	8cp 8cp
Select 6 credit	points of electives	6ср
Spring semes STM90688	ster	
70517	Equity and Trusts	8ср
Select 6 credit	points of options	6ср
Select 12 cred	it points of electives	12cp
Year 4		
Autumn seme	ester	
STM90688 70417 70717	Corporate Law Evidence and Criminal Procedure	8cp 6cp
Select 6 credit	points of electives	6ср
		-

Spring semester

STM90651 31272	Project Management and the Professional	6ср
Select 6 credit	points of options	6ср
Select 12 cred	it points of electives	12cp
Year 5		
Autumn seme STM90688 75421 75420	ester Civil Litigation Ethics and Professional Conduct	6cp 6cp
Select 6 credit	points of options	6ср
Select 6 credit	points of electives	6ср
Spring semes	iter	

Levels of award

Select 24 credit points of options

The Bachelor of Laws may be awarded with first or second class honours, which do not require an additional honours year. Honours candidates must complete the research thesis subject within the law option component. The rules concerning the Bachelor of Laws with honours can be found in undergraduate course information (see page 96).

The Bachelor of Science in Information Technology may also be awarded with a distinction, credit or pass.

Honours

Students interested in research and who excel in their IT studies are eligible to undertake one additional full-time year of study in the Bachelor of Science (Honours) in Information Technology (C09019) (see page 111). The honours year is also available on a part-time basis over two years.

Professional recognition

The IT component qualifies for professional-level membership of the Australian Computer Society.

The law component of the course satisfies the requirements for admission to the Supreme Court of NSW as a lawyer, provided students complete a practical legal training (PLT) program, such as the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

Other information

Further information on the law component or the IT component for current students is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Further information for future students on the IT component is available from:

Engineering and Information Technology Outreach Office

telephone +61 2 9514 2666 email it@uts.edu.au

C10246v1 Bachelor of Arts in Communication (Journalism)

Award(s): Bachelor of Arts in Communication (BA)

UAC code: 600013 CRICOS code: 032309C

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Overview

Journalism education at UTS is based on the principle that professional journalism is founded on the public's right to know. This degree develops professional skills across all media and critically engages with the intellectual, ethical and political foundations of journalism.

This course is designed to meet the essential practical skills and theoretical knowledge needed for a career injournalism. Students gain a crucial understanding of the role that journalists play in creating a democratic public sphere, providing a forum for debate and giving voice to diverse communities. The course equips students with advanced research, writing, reporting and analytical skills for print, television, video, radio, audio and online media; and knowledge of the intellectual, ethical and political foundations of journalism.

Career options

Career options include reporters, producers, publishers, editors, subeditors, feature and freelance journalists, investigative journalists, media researchers, and strategists in the print, broadcast and online media.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

HSC English and computer literacy.

External articulation

The Faculty of Arts and Social Sciences has established credit recognition packages with the following institutions for the courses listed:

- INSEARCH UTS: Diploma of Communication
- Nanyang Polytechnic, Singapore: Diploma in Media Studies and Management
- Temasek Polytechnic: Diploma in Communication and Media Management
- Ngee Ann Polytechnic, Singapore: Diploma in Mass Communication.

Course duration and attendance

The course is offered on a three-year, full-time basis.

Course structure

Students must complete 144 credit points consisting of a 48-credit-point core program, a 48-credit-point major, a 24-credit-point submajor and 24 credit points of electives.

Industrial training/professional practice

Students take part in relevant and applied journalism tasks throughout the course and can elect to undertake a professional placement with a media organisation.

Course completion requirements

STM90550 Core subjects	48cp
MAJ10020 Journalism	48cp
CBK90701 Sub-major choice	24cp
CBK90702 Electives	24cp
	Total 144cp

Course program

Typical course programs are shown below for students commencing in either Autumn or Spring semester.

Students must choose a sub-major from CBK90701 in Year 1, Spring semester.

Students who commenced before 2012 should follow the course program in the archived handbook from their commencing year.

Autumn commencing

Year 1

Autumn semester

Select one of the following:			8cp
58101	Understanding Communication	8ср	•
58103	Ideas in History	8cp	
58110	Introduction to Journalism	-	8cp
58102	Language and Discourse		8cp
Spring son	nester		

Spring semester

Sele	ect one of the following:		8ср
581	03 Ideas in History	8cp	-
581	01 Understanding Communication	8cp	
58111	Reporting with Sound and Image	-	8cp
Select 8	credit points from the following options:		8ср
CBK907	01 Sub-major choice	24cp	

Year 2

Autumn semester

58201	Communication and Cultural Industries ar	ıd	
	Practices		8cp
58112	Reporting and Editing for Print and Online	,	1
	Journalism		8cp
Select 8 cr	edit points from the following options:		8ср
	Sub-major choice	24cp	1
CBK90702		24cp	
Spring ser	mester		
58202	Regulating Communication: Law, Ethics, P	olitics	8ср
58210	Storytelling, Narrative and Features		8cp
Select 8 cr	edit points from the following options:		8ср
CBK90701	Sub-major choice	24cp	•
CBK90702	! Electives	24cp	

Year 3

58211

Autumn semester

Select 16 credit points from the following options: CBK90701 Sub-major choice 24cp CBK90702 Electives 24cp		16ср	
Spring se 58301 58310	mester Communication Practice Project Media Hub		8ср 8ср
CBK90701	edit points from the following options: 1 Sub-major choice 2 Electives	24cp 24cp	8ср

Specialist Reporting, Audiences and Interactivity

8ср

Honours

The Bachelor of Arts (Honours) in Communication (C09009) (see page 110) is available with an additional year of full-time study for eligible students.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

8cp

C10247v1 Bachelor of Arts in Communication (Media Arts and Production)

Award(s): Bachelor of Arts in Communication (BA)

UAC code: 600018 CRICOS code: 033247D

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Overview

This course prepares students for a wide range of roles within the media and cultural sectors. Students study the history, contemporary issues and theory of media and culture while developing advanced technical and conceptual skills in film, video, new media and sound. The professional areas within the degree include film, video, television, multimedia, sound, radio, performance and installation, and the interplay among these media forms.

This course explores the history, contemporary issues, theories and challenges of media and culture in society. Students develop sophisticated production skills in video, sound and new media, and enhance their creative innovation in these areas. Students are encouraged to evolve as a creative director and producer of media projects, as well as develop technical proficiency specifically in one media area. By the time of graduation, students should have a professional portfolio of creative production work.

Career options

Career options include arts and cultural administrators, cinematographers, directors, documentary makers, editors, film producers, freelance media artists multimedia designers, new media producers, producers, production managers, program commissioning editors, radio producers, scriptwriters and sound designers.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

HSC English and computer literacy.

External articulation

The Faculty of Arts and Social Sciences has established credit recognition packages with the following institutions for the courses listed:

- INSEARCH UTS: Diploma of Communication
- Nanyang Polytechnic, Singapore: Diploma in Media Studies and Management
- Temasek Polytechnic: Diploma in Communication and Media Management
- Ngee Ann Polytechnic, Singapore: Diploma in Mass Communication

Course duration and attendance

The course is offered on a three-year, full-time basis.

Course structure

Students must complete 144 credit points consisting of a 48-credit-point core program, a 48-credit-point major, a 24-credit-point submajor and 24 credit points of electives.

Industrial training/professional practice

Students undertake production projects each semester. They can elect to participate in professional placement and are encouraged to develop their portfolio and publicly display their works throughout their study through events such as the biennial UTS Golden Eye Awards and other festivals and competitions.

Course completion requirements

STM90550 Core subjects	48cp
MAJ10021 Media Arts and Production	48cp
CBK90701 Sub-major choice	24cp
CBK90702 Electives	24cp
	Total 144cp

Course program

Typical course programs are shown below for students commencing in either Autumn or Spring semester.

Students must choose a sub-major from CBK90701 in Year 1, Spring semester.

Students who commenced before 2012 should follow the course program in the archived handbook from their commencing year.

Autumn commencing

Select one of the following:

Year 1

Aut	ımn	com	este

581	01 Understanding Communication	8ср	
581	03 Ideas in History	8cp	
58113	Exploring Media Arts	-	8cp
58102	Language and Discourse		8cp
Spring s	emester		
Select one of the following:		8ср	

Select one of the following:			8ср
58103	Ideas in History	8ср	-
58101	Understanding Communication	8cp	
58115	Composing the Real	•	8cp
Select 8 cre CBK90701	edit points from the following options: Sub-major choice	24cp	8ср

Year 2

Autumn semester

58201 58114	Communication and Cultural Industries an Practices Fictions: Storytelling, Narrative and Drama		8ср 8ср
CBK90701	edit points from the following options: Sub-major choice Electives	24cp 24cp	8ср
Spring ser	mester		
58202 58212	Regulating Communication: Law, Ethics, Po Aesthetics	olitics	8ср 8ср
CBK90701	edit points from the following options: Sub-major choice Electives	24cp 24cp	8ср

Year 3

58213

Autumn semester

Research and Practice

Select 16 credit points from the following options:

CBK90701 Sub-major choice CBK90702 Electives	24cp 24cp	
Spring semester		
58301 Communication Practice Project		8cp
58311 Media Arts Project		8cp
Select 8 credit points from the following options:		8cp
CBK90701 Sub-major choice	24cp	
CBK90702 Electives	24ср	

Honours

The Bachelor of Arts (Honours) in Communication (C09009) (see page 110) is available with an additional year of full-time study for eligible students.

8cp

16cp

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10248v1 Bachelor of Arts in Communication (Public Communication)

Award(s): Bachelor of Arts in Communication (BA)

UAC code: 600023 CRICOS code: 026164K

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Overview

The critical and theoretical approach offered in this course develops ethical and responsible communication professionals. This course provides students with interdisciplinary knowledge of public communication processes and industries, and their social, economic and political contexts with specialised expertise in public relations and or advertising.

This course has a focus on professional communication careers including public relations and advertising. Students explore the communication contexts for these practices – cultural, social and political. Students develop their professional skills in campaign design and production, copywriting, media liaison and writing, research and evaluation, sponsorship and event management. Assignments provide material for a portfolio after graduation.

Career options

Career options include advertising account executives, advertising copywriters, communication strategists, community relations managers, marketing communication specialists, media liaison officers, media researchers, political media advisers, public relations consultants, publicity officers and special events coordinators.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

 $The \, English \, proficiency \, requirement \, for \, international \, students \, or \, local \,$ applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances

Assumed knowledge

HSC English and computer literacy.

External articulation

The Faculty of Arts and Social Sciences has established credit recognition packages with the following institutions for the courses listed:

- INSEARCH UTS: Diploma of Communication
- Nanyang Polytechnic, Singapore: Diploma in Media Studies and Management
- Temasek Polytechnic: Diploma in Communication and Media
- Ngee Ann Polytechnic, Singapore: Diploma in Mass Communication.

Course duration and attendance

The course is offered on a three-year, full-time basis.

Course structure

Students must complete 144 credit points consisting of a 48-creditpoint core program, a 48-credit-point major, a 24-credit-point submajor and 24 credit points of electives.

Industrial training/professional practice

Many assignments are practice based and all are relevant to understanding and working in the industry. Students undertake a professional placement in an organisation involved in public communication.

Course completion requirements

STM90550 Core subjects	48cp
MAJ10024 Public Communication	48cp
CBK90701 Sub-major choice	24cp
CBK90702 Electives	24cp
	Total 144cp

Course program

Typical course programs are shown below for students commencing in either Autumn or Spring semester.

Students must choose a sub-major from CBK90701 in Year 1, Spring semester. Students also have the option of completing either a Public Relations stream (STM90716) or an Advertising stream (STM90715) in Year 1 of this course.

Students who commenced before 2012 should follow the course program in the archived handbook from their commencing year.

Public Relations stream, Autumn commencing

Year 1

Autumn semeste	r
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Selec	t one of the following:		8cp
5810	Understanding Communication	8ср	•
58103	B Ideas in History	8cp	
58116	The Ecology of Public Communication	-	8cp
58102	Language and Discourse		8cp
Spring se	mester		
Selec	t one of the following:		8cp

Selec	one of the following:		8ср
58103	Ideas in History	8ср	-
58101	Understanding Communication	8cp	
58117	Principles of Public Relations	-	8cp
Select 8 cr	edit points from the following options:		8ср
CBK90701	Sub-major choice	24cp	•

Year 2

Autumn s	emester		
58201	Communication and Cultural Industries an Practices	ıd	0
58128	Strategic Public Relations		8cp 8cp
CBK90701	edit points from the following options: Sub-major choice Electives	24cp 24cp	8cp
Spring se	mester		
58202 58214	Regulating Communication: Law, Ethics, Pedia Writing and Production	olitics	8cp 8cp
CBK90701	edit points from the following options: Sub-major choice Electives	24cp 24cp	8ср

Year 3

Autumn samastar

Autumn Se	mester		
58312	Integrated Communication		8cp
	redit points from the following options: Sub-major choice Electives	24cp 24cp	16cp
Spring sen 58301 58231	nester Communication Practice Project Organisational Communication		8cp
	edit points from the following options: Sub-major choice Electives	24cp 24cp	8cp

Public Relations stream, Spring commencing			Year 3			
Year 1			Autumn s			
Spring semester		0	58312 Soloct 16	Integrated Communication credit points from the following options:		8cp
58101 Understanding Communication 58103 Ideas in History		8ср 8ср	CBK90702	1 Sub-major choice 2 Electives	24cp 24cp	16cp
Select 8 credit points from the following options: CBK90701 Sub-major choice	24cp	8cp	Spring se		- icp	
Year 2	1		58301 58230	Communication Practice Project Professional Advertising Practice		8ср 8ср
Autumn semester			Select 8 ca	redit points from the following options:		8cp
58201 Communication and Cultural Industries an Practices	.d	8ср		1 Sub-major choice 2 Electives	24cp 24cp	
58116 The Ecology of Public Communication 58102 Language and Discourse		8ср 8ср	Advertis	ing stream, Spring commencing	1	
Spring semester			Year 1			
58202 Regulating Communication: Law, Ethics, Po 58117 Principles of Public Relations	olitics	8ср 8ср	Spring se			0
Select 8 credit points from the following options:		8cp	58101 58103	Understanding Communication Ideas in History		8ср 8ср
CBK90701 Sub-major choice CBK90702 Electives	24cp 24cp			redit points from the following options: 1 Sub-major choice	24cp	8cp
Year 3			Year 2	,	•	
Autumn semester 58128 Strategic Public Relations		8ср	Autumn s	emester		
Select 16 credit points from the following options:		16ср	58201	Communication and Cultural Industries and Practices	d	8ср
CBK90701 Sub-major choice CBK90702 Electives	24cp 24cp	1	58116 58102	The Ecology of Public Communication Language and Discourse		8cp 8cp
Spring semester		_	Spring se	mester		•
58214 Media Writing and Production 58231 Organisational Communication		8ср 8ср	58202 58118	Regulating Communication: Law, Ethics, Po Principles of Advertising	litics	8ср 8ср
Select 8 credit points from the following options:		8cp	Select 8 cr	redit points from the following options:		8cp
CBK90701 Sub-major choice CBK90702 Electives	24cp 24cp			1 Sub-major choice 2 Electives	24cp 24cp	
Year 4			Year 3			
Autumn semester 58301 Communication Practice Project		8ср	Autumn s			0
58312 Integrated Communication		8cp	58129 Select 16 (Advertising Campaign Practice credit points from the following options:		8ср 16ср
Select 8 credit points from the following options: CBK90701 Sub-major choice	24cp	8ср	CBK90702	1 Sub-major choice 2 Electives	24cp 24cp	тоср
CBK90702 Electives	24cp		Spring se			
Advertising stream, Autumn commencing			58229 58230	Brand Advertising Strategies Professional Advertising Practice		8ср 8ср
Year 1			Select 8 cr	redit points from the following options:		8cp
Autumn semester Select one of the following:		8ср		1 Sub-major choice 2 Electives	24cp 24cp	
58101 Understanding Communication 58103 Ideas in History	8ср 8ср	-	Year 4		1	
58116 The Ecology of Public Communication	оср	8cp	Autumn s	semester		
58102 Language and Discourse Spring semester		8cp	58301 58312	Communication Practice Project Integrated Communication		8ср 8ср
Select one of the following:		8ср		redit points from the following options:		8ср
58103 Ideas in History	8cp	оср	CBK9070	1 Sub-major choice 2 Electives	24cp 24cp	1
58101 Understanding Communication 58118 Principles of Advertising	8cp	8cp	Honour		Zicp	
Select 8 credit points from the following options:	2.4	8cp		elor of Arts (Honours) in Communication (C	209009)) (see
CBK90701 Sub-major choice Year 2	24cp			is available with an additional year of full-tir		
Autumn semester				sional recognition		
58201 Communication and Cultural Industries an Practices	d	8ср	This cour	se has professional recognition from the Publ		
58129 Advertising Campaign Practice		8cp		of Australia and the International Advertising ents wishing to be eligible for professional me		
Select 8 credit points from the following options: CBK90701 Sub-major choice	24cp	8cp	Publ the t	ic Relations Institute of Australia must successfu wo core subjects in MAJ10024 Public Commu	lly con nicatio	nplete on and
CBK90702 Electives Spring semester	24cp			see STM90716 Public Relations stream (four option.	subjec	cts) as
58202 Regulating Communication: Law, Ethics, Po 58229 Brand Advertising Strategies	olitics	8ср 8ср	 Stud of the 	ents wishing to be eligible for professional re International Advertising Association must	succes	sfully
Select 8 credit points from the following options: CBK90701 Sub-major choice CBK90702 Electives	24cp	8cp		plete the four subjects in STM90715 Advertising dition 58117 Principles of Public Relations.	gstrea	m and
CDIC/0/02 LICCUVCS	24cp					

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10249v1 Bachelor of Arts in Communication (Writing and Cultural Studies)

Award(s): Bachelor of Arts in Communication (BA)

UAC code: 600033 CRICOS code: 026163M

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Overview

In this course, writing is studied as a professional practice that takes place through engagement with contemporary cultures. Writing is studied in both theory and practice, and students apply their skills to a range of genres and different media. Students in the course develop creative writing skills across a range of genres and media and a critical understanding and awareness of cultural and social issues.

Students study both writing and cultural studies as a critical and creative practice. They learn the theories of culture and writing and challenge the practices that produce culture. Through their own writing, they create alternative and innovative ways of communicating in multiple modes.

Students gain the skills to analyse and intervene in social and cultural discourses, practices and institutions, and to practice as cultural researchers. They also explore and develop their own writing ability to high level, giving them the skills to work as writers in a range of contexts across the communications, arts and media sectors.

Career options

Career options include arts and cultural administrators, communication coordinators, communication officers, creative writers, cultural policy officers, cultural researchers, feature writers, media researchers, new media and web producers, and publications officers.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

HSC English and computer literacy.

External articulation

The Faculty of Arts and Social Sciences has established credit recognition packages with the following institutions for the courses listed:

- INSEARCH UTS: Diploma of Communication
- Nanyang Polytechnic, Singapore: Diploma in Media Studies and Management
- Temasek Polytechnic: Diploma in Communication and Media
- Ngee Ann Polytechnic, Singapore: Diploma in Mass Communication.

Course duration and attendance

The course is offered on a three-year, full-time basis.

Course structure

Students must complete 144 credit points consisting of a 48-creditpoint core program, a 48-credit-point major, a 24-credit-point submajor and 24 credit points of electives.

Industrial training/professional practice

Students write in diverse forms and genres, do cultural research and analysis, and can elect to undertake a professional placement during their course.

Course completion requirements

STM90550 Core subjects	48cp
MAJ10022 Writing and Cultural Studies	48cp
CBK90701 Sub-major choice	24cp
CBK90702 Electives	24cp
	Total 144cp

Course program

Typical course programs are shown below for students commencing in either Autumn or Spring semester.

Students must choose a sub-major from CBK90701 in Year 1, Spring

Students who commenced before 2012 should follow the course program in the archived handbook from their commencing year.

Autumn commencing

Autumn semester

Sele	ct one of the following:		8ср
5810	1 Understanding Communication	8ср	•
5810	3 Ideas in History	8cp	
58119	Text and Context	_	8cp
58102	Language and Discourse		8cp
Spring se	emester		
Sele	ct one of the following:	_	8ср

58103 8cp Ideas in History 58101 Understanding Communication 8cp Fictional Forms 8cp Select 8 credit points from the following options: 8cp

CBK90701 Sub-major choice 24cp

Year 2

Autumn semester

58201	Communication and Cultural Industries	and	
	Practices		8ср
58120	Creativity and Culture		8cp
Select 8	credit points from the following options:		8ср
	'01 Sub-major choice	24cp	
CBK907	02 Electives	24cp	
Ci			

Spring sei	mester		
58202	Regulating Communication: Law, Ethics, I	Politics	8ср
58216	Imagining the Real		8cp
Select 8 credit points from the following options:		8ср	
CBK90701 Sub-major choice 24cp			
CBK90702 Electives 24cp			

Year 3

Autumn semester

CBK90702 Electives

	Autumn semester				
	58217	Experiments in Culture		8cp	
		redit points from the following options: Sub-major choice Electives	24cp 24cp	16ср	
Spring semester					
	58301 58313	Communication Practice Project Writing Laboratory		8ср 8ср	
		edit points from the following options: Sub-major choice	24cp	8cp	

24cp

Spring commencing

Spring semester				
58101	Understanding Communication		8ср	
58103	Ideas in History		8cp	
Select 8 credit points from the following options: CBK90701 Sub-major choice		24cp	8ср	

Year 2

58201	Communication and Cultural Industries and Practices	8ср
58119	Text and Context	8cp
58102	Language and Discourse	8cp
Spring se	mester	
58202	Regulating Communication: Law, Ethics, Politics	8ср
E0101	Fictional Forms	8cp
58121	ricuonal romis	ocp

Year 3

58217

Autumn semester

58120	Creativity and Culture		8ср
	edit points from the following options: Sub-major choice Electives	24cp 24cp	8ср
Spring ser 58313	nester Writing Laboratory		8ср
	redit points from the following options: Sub-major choice Electives	24cp 24cp	16ср

Experiments in Culture

Year 4

Autumn semester

58301	Communication Practice Project		8cp
	redit points from the following options: Sub-major choice Electives	24cp 24cp	16cp

Honours

The Bachelor of Arts (Honours) in Communication (C09009) (see page 110) is available with an additional year of full-time study for eligible students.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10250v1 Bachelor of Arts in Communication (Social Inquiry)

Award(s): Bachelor of Arts in Communication (BA)

UAC code: 600028 CRICOS code: 033019E

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Overview

Social inquiry is where social and political theory and practices of research and communication converge. This cross-disciplinary course investigates society, explores current issues, and questions implications of change and progress in the global community. Students undertake professional studies as well as social, cultural and communication theory and practice so they can ask questions, research issues, develop advocacy skills and effectively develop communication strategies.

This is a cross-disciplinary course in which students combine social, political, historical and philosophical perspectives on what makes us members of society. Is change good, bad or both? Students learn how

to understand social issues and how to think through ways of making a difference; how to research, communicate and plan contributions to national and international debates. The course equips students with the knowledge and skills to be involved in diverse organisations that want to make changes.

Career options

Career options include community development workers, community project managers, international aid workers, local and community historians, media researchers, policy analysts, policy officers, political advisers, politicians, social researchers, trade union officials, social welfare officers, and change agents in a range of social, cultural, historical and political arenas

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

HSC English and computer literacy.

External articulation

The Faculty of Arts and Social Sciences has established credit recognition packages with the following institutions for the courses listed:

- INSEARCH UTS: Diploma of Communication
- Nanyang Polytechnic, Singapore: Diploma in Media Studies and Management
- Temasek Polytechnic: Diploma in Communication and Media Management
- Ngee Ann Polytechnic, Singapore: Diploma in Mass Communication.

Course duration and attendance

The course is offered on a three-year, full-time basis.

Course structure

Students must complete 144 credit points consisting of a 48-creditpoint core program, a 48-credit-point major, a 24-credit-point submajor and 24 credit points of electives.

Industrial training/professional practice

Students can elect to undertake a professional experience project with a community, corporate, non-government or government organisation. There are opportunities for parliamentary placement.

Course completion requirements

STM90550	Core subjects	48cp
MAJ09395	Social Inquiry	48cp
CBK90701	Sub-major choice	24cp
CBK90702	Electives	24cp
		Total 144cn

Course program

Typical course programs are shown below for students commencing in either Autumn or Spring semester.

Students must choose a sub-major from CBK90701 in Year 1, Spring

Students who commenced before 2012 should follow the course program in the archived handbook from their commencing year.

Autumn commencing

Year 1

Select 58101 58103	one of the following: Understanding Communication	8cp	8ср
58122 58102	Ideas in History Introduction to Social Inquiry Language and Discourse	8cp	8ср 8ср
Spring ser			
Select 58103 58101 58124	9	8cp 8cp	8cp 8cp
	edit points from the following options: Sub-major choice	24cp	8ср
Year 2			
Autumn se	emester		
58201	Communication and Cultural Industries and Practices	d	8cp
58123	Society, Economy and Globalisation		8cp
	edit points from the following options: Sub-major choice Electives	24cp 24cp	8ср
Spring ser 58202 58218	nester Regulating Communication: Law, Ethics, Po Ideology, Beliefs and Visions	olitics	8cp 8cp
Select 8 cre CBK90701 CBK90702	edit points from the following options: Sub-major choice Electives	24cp 24cp	8ср
Year 3			
Autumn se 58219	emester Social Change Communication		8ср
	redit points from the following options: Sub-major choice Electives	24cp 24cp	16ср
Spring ser 58301	nester Communication Practice Project		8ср
Select 58314 50260	1 /	8cp 8cp	8ср
	edit points from the following options: Sub-major choice Electives	24cp 24cp	8ср
Spring co	mmencing		
Year 1	3		
	nastar		
58101 58103	Understanding Communication Ideas in History		8ср 8ср
	edit points from the following options: Sub-major choice	24cp	8ср
Year 2			
Autumn se	emester		
58201	Communication and Cultural Industries and Practices	d	8ср
58122 58102	Introduction to Social Inquiry Language and Discourse		8cp 8cp
Spring ser		.1:1:	0
58202 58124	Regulating Communication: Law, Ethics, Policies Local Transformations	DIITICS	8cp 8cp
Select 8 cre CBK90701 CBK90702	edit points from the following options: Sub-major choice Electives	24cp 24cp	8cp

Year 3

Autumn semester

58123 58219	Society, Economy and Globalisation Social Change Communication		8cp 8cp
	edit points from the following options: Sub-major choice Electives	24cp 24cp	8cp
Spring sen 58218	nester Ideology, Beliefs and Visions		8cp
Select 16 cı	redit points from the following options: Sub-major choice	24cp 24cp	16cp
Year 4			
Autumn se	emester		

58301	Communication Practice Project		8cp
Sele	et one of the following:		8ср
5831	4 Social Inquiry Placement	8ср	
5026	0 Parliamentary Placement	8cp	
	redit points from the following options:		8ср
CBK9070	1 Sub-major choice	24cp	_
CBK9070	2 Electives	24cp	

Honours

The Bachelor of Arts (Honours) in Communication (C09009) (see page 110) is available with an additional year of full-time study for eligible students.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

C10251v1 Bachelor of Arts in Communication (Information and Media)

Award(s): Bachelor of Arts in Communication (BA) UAC code: 600008 CRICOS code: 060173D Commonwealth-supported place?: Yes Load credit points: 144 Course EFTSL: 3 Location: City campus

Overview

This course has been specifically designed to respond to the new demands created by the increasing convergence of information, media and communication, design, and the creative arts. The course uses a 'learning through making' approach which is creative, collaborative and critical. The broad range of skills and knowledge needed for creative information practice is reflected in the portfolio students develop throughout the course.

Students create a portfolio of products including blogs, podcasts, websites, databases as well as audience and user analyses. The degree also provides students with an opportunity to develop a secondary specialisation to complement core studies and to undertake a professional placement.

Course aims

This interdisciplinary course prepares students for work in a variety of creative information design and management roles. Students develop an understanding of the interrelationships between people, information and communication technologies, as well as practical skills in areas such as web design and architecture, media research and writing information and media content for diverse audiences.

Career options

Career options include work as collection developers, database designers, information architects, information managers, librarians, media researchers, new media producers, project managers, and web content developers or content managers.

8cp

24cp

24cp

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

HSC English and computer literacy.

External articulation

The Faculty of Arts and Social Sciences has established credit recognition packages with the following institutions for the courses listed:

- INSEARCH UTS: Diploma of Communication
- Nanyang Polytechnic, Singapore: Diploma in Media Studies and Management
- Temasek Polytechnic: Diploma in Communication and Media
- Ngee Ann Polytechnic, Singapore: Diploma in Mass Communication.

Course duration and attendance

The course is offered on a three-year, full-time basis.

Course structure

Students must complete 144 credit points consisting of a 48-creditpoint core program, a 48-credit-point major, a 24-credit-point submajor and 24 credit points of electives.

Industrial training/professional practice

Students contribute to the development of their professional portfolio throughout the course, have opportunities for industry placements and undertake a final capstone project for a client.

Course completion requirements

48cp
48cp
24cp
24cp
Total 144cp

Course program

Typical course programs are shown below for students commencing in either Autumn or Spring semester.

Students must choose a sub-major from CBK90701 in Year 1, Spring

Students who commenced before 2012 should follow the course program in the archived handbook from their commencing year.

Autumn commencing

Year 1

Autumn semester

Select	one of the following:		8ср
58101	Understanding Communication	8ср	-
58103	Ideas in History	8cp	
58125	Creative Information Design	-	8cp
58102	Language and Discourse		8cn

Spring semester

Von	- 2			
		edit points from the following options: Sub-major choice	24cp	8ср
581	26	Information Discovery and Analysis	•	8cp
	58101	Understanding Communication	8cp	
	58103	Ideas in History	8ср	
	Select	one of the following:		8cp

Year 2

Autumn semester

Autuiiii 30	HIESTEI			
58201	Communication and Cultural Industries and Practices	d.	8ср	
58127	Information Cultures		8cp	
	edit points from the following options: Sub-major choice Electives	24cp 24cp	8ср	
Spring sen	nester			
58202 58220	Regulating Communication: Law, Ethics, Po Designing for the Web	litics	8cp 8cp	
	edit points from the following options: Sub-major choice Electives	24cp 24cp	8cp	
Year 3				

58221

Autumn semester

Social Informatics

	redit points from the following options: Sub-major choice Electives	24cp 24cp	16cp
Spring sen	nester		
58301	Communication Practice Project		8cp
58315	Storing Objects and Artifacts		8ср
Select 8 credit points from the following options:			8ср

CBK90702 Electives Spring commencing

CBK90701 Sub-major choice

Year 1

Spring semester

58101	Understanding Communication		8cp
58103	Ideas in History		8cp
Select 8	credit points from the following options:		8ср
CBK907	01 Sub-major choice	24cp	•

Year 2

Autumn semester

58201	Communication and Cultural Industries and	
	Practices	8cp
58125	Creative Information Design	8cp
58102	Language and Discourse	8cp
. .		

Spring semester				
58202	Regulating Communication: Law, Ethics, Politics	8cp		
58126	Information Discovery and Analysis	8cp		
58220	Designing for the Web	8cp		

Year 3

Autumn semester 58221

CBK90702 Electives

Social Informatics

58127	Information Cultures		8cp
	edit points from the following options: Sub-major choice Electives	24cp 24cp	8cp
Spring semester			
58315	Storing Objects and Artifacts		8ср
	redit points from the following options: Sub-major choice	24cp	16ср

24cp

Year 4

Autumn semester

58301	Communication Practice Project		8ср
	redit points from the following options: Sub-major choice Electives	24cp 24cp	16cp

Honours

The Bachelor of Arts (Honours) in Communication (C09009) (see page 110) is available with an additional year of full-time study for eligible students.

Professional recognition

This course has professional recognition from the Australian Library and Information Association. Students wishing to be eligible for professional membership of ALIA, must successfully complete 50190 Professional Information Project as an elective.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10252v1 Bachelor of Arts in Communication (Journalism) and in International Studies

Award(s): Bachelor of Arts in Communication (BA) Bachelor of Arts in International Studies (BA)

UAC code: 609300 CRICOS code: 043279B

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Overview

This degree combines a professional degree with immersion in another language and culture, enhancing professional training and career options. The combined course seeks to augment the value of journalism by broadening awareness and understanding of another language and culture.

As media becomes increasingly global, it is more important than ever for journalists to have an understanding of international affairs and cultural perspectives other than their own. There are many opportunities for journalists to work in different countries during their career and those who are fluent in more than one language are able to take advantage of these opportunities. Career options are also enhanced by international experience, making students more marketable to prospective employers.

Career options

Career options include editors and sub-editors, feature and freelance writers, investigative journalists, media researchers, producers, publishers, reporters, and strategists in the print, broadcast and online media.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

There are no prior language requirements for the international studies program. Entry level to the various language and culture programs depends upon students' prior knowledge of the relevant language. Students are admitted to the international studies program with no guarantee of entry to a specific country major, although every effort is made to meet their preferences.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

HSC English and computer literacy. There are no prior language requirements for the international studies program (see page 87).

External articulation

The Faculty of Arts and Social Sciences has established credit recognition packages with the following institutions for the courses listed:

- INSEARCH UTS: Diploma of Communication
- Nanyang Polytechnic, Singapore: Diploma in Media Studies and Management
- Temasek Polytechnic: Diploma in Communication and Media Management
- Ngee Ann Polytechnic, Singapore: Diploma in Mass Communication.

Course duration and attendance

The course is offered on a five-year, full-time basis. Students spend two semesters of study at a university or other higher education institution in the country of their major.

Course structure

Students must complete 240 credit points, comprising 144 credit points in the communication component and 96 credit points in the international studies component. The Bachelor of Arts in International Studies requires undergraduates to study a region or country major over a minimum of three years. The Bachelor of Arts in International Studies is not offered as a separate degree, but is completed only in combination with the professional degree program.

Overseas study

Students spend their fourth year of study at a university overseas.

Course completion requirements

CBK90005 Country major choice	96ср
STM90550 Core subjects	48cp
MAJ10020 Journalism	48cp
CBK90701 Sub-major choice	24cp
CBK90702 Electives	24cp
	Total 240cp

Course program

The example program below is for a student commencing in Autumn semester 2012 with the Germany major as the chosen international studies major. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major. Students must choose a submajor from CBK90701 in Year 1 Spring semester.

Students who commenced before 2012 should follow the course program in the archived handbook from their commencing year.

Year 1

Autumn semester

Selec	t one of the following:		8cp
58103	Understanding Communication	8ср	•
58103	B Ideas in History	8cp	
58110	Introduction to Journalism		8cp
58102	Language and Discourse		8cp
Spring semester			
Selec	t one of the following:		8ср
58103		8cp	1
58103	Understanding Communication	8cp	
58111	Reporting with Sound and Image	•	8cp
Select 8 cr	edit points from the following options:		8ср
CBK90701	Sub-major choice	24cp	

Undergraduate courses

	Year 2			
Autumn semester				
	97601	German Language and Culture 1		8cp
	58112	Reporting and Editing for Print and Online Journalism		8ср
	976001	Foundations in International Studies		8cp
	Spring ser	mester		
	58202 58210	Regulating Communication: Law, Ethics, Po Storytelling, Narrative and Features	litics	8cp
	97602	German Language and Culture 2		8ср 8ср
	Year 3			
	Autumn se	emester		
	58201	Communication and Cultural Industries and	d	0
	58211	Practices Specialist Reporting, Audiences and Interaction	tivitv	8cp 8cp
	97603	German Language and Culture 3		8cp
	Spring ser	nester		
	976421 97604	Contemporary Germany German Language and Culture 4		8ср 8ср
		edit points from the following options:	24.00	8ср
	CBK90701 CBK90702	Sub-major choice Electives	24cp 24cp	
	Year 4			
	Autumn se	emester		
	977420	In-country Study 1: Germany		24cp
	Spring ser			
	978420	In-country Study 2: Germany		24cp
	Year 5			
	Autumn se			_
	58301	Communication Practice Project		8ср
		redit points from the following options: Sub-major choice	24ср	16cp
	CBK90701		24cp	
	Spring ser	mester		

Other information

CBK90702 Electives

Media Hub

CBK90701 Sub-major choice

Select 16 credit points from the following options:

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

58310

Ask UTS www.ask.uts.edu.au

www.internationalstudies.uts.edu.au

C10253v1 Bachelor of Arts in Communication (Media Arts and Production) and in International Studies

Award(s): Bachelor of Arts in Communication (BA) Bachelor of Arts in International Studies (BA)

UAC code: 609310

CRICOS code: 043280J

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5

Location: City campus

Overview

The course combines a professional degree with immersion in another language and culture, enhancing professional training and career options. This combined degree seeks to augment the value of media arts and production by broadening students' awareness and understanding of another language and culture. The emphasis lies in recognising that the media and cultural industries are undergoing enormous changes in identities and audiences.

Students develop their own creative and conceptual work through the production of a range of exercises and projects in film and video, sound and radio and new media (multimedia and online applications). The subjects in the course also place a strong emphasis on the professional context and work practices associated with these areas and the ability to apply them in the national and international production context. Career options are also enhanced by international experience, making students more marketable to prospective employers.

Career options

Career options include arts and cultural administrators, cinematographers, directors, documentary makers, editors, film producers, freelance media artists and producers, multimedia designers, new media producers, production managers, program commissioning editors, radio producers, scriptwriters and sound designers.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

There are no prior language requirements for the international studies program. Entry level to the various language and culture programs depends upon students' prior knowledge of the relevant language. Students are admitted to the international studies program with no guarantee of entry to a specific country major, although every effort is made to meet their preferences.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

8cp

16cp

24cp

24cp

HSC English and computer literacy. There are no prior language requirements for the international studies program (see page 87).

External articulation

The Faculty of Arts and Social Sciences has established credit recognition packages with the following institutions for the courses listed:

- INSEARCH UTS: Diploma of Communication
- Nanyang Polytechnic, Singapore: Diploma in Media Studies and Management
- Temasek Polytechnic: Diploma in Communication and Media Management
- Ngee Ann Polytechnic, Singapore: Diploma in Mass Communication.

Course duration and attendance

The course is offered on a five-year, full-time basis. Students spend two semesters of study at a university or other higher education institution in the country of their major.

Course structure

Students must complete 240 credit points, comprising 144 credit points in the communication component and 96 credit points in the international studies component. The Bachelor of Arts in International Studies requires undergraduates to study a region or country major over a minimum of three years. The Bachelor of Arts in International Studies is not offered as a separate degree, but is completed only in combination with the professional degree program.

Overseas study

Students spend their fourth year of study at a university overseas.

Course completion requirements

CBK90005	Country major choice	96ср
STM90550	Core subjects	48cp
MAJ10021	Media Arts and Production	48cp
CBK90701	Sub-major choice	24cp
CBK90702	Electives	24cp
		Total 240cp

Course program

The example program below is for a student commencing in Autumn semester 2012 with the Germany major as the chosen international studies major. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major. Students must choose a submajor from CBK90701 in Year 1 Spring semester.

Students who commenced before 2012 should follow the course program in the archived handbook from their commencing year.

Year 1

Autumn semester

Autumm 30	IIICSCI		
Select	one of the following:		8ср
58101	Understanding Communication	8ср	-
58103	Ideas in History	8ср	
58113	Exploring Media Arts		8ср
58102	Language and Discourse		8cp
Spring semester			

Select	one of the following:		8cp
58103	Ideas in History	8cp	•
58101	Understanding Communication	8cp	
58115	Composing the Real	•	8cp
Select 8 cre	edit points from the following options:		8ср
CBK90701	Sub-major choice	24cp	-

Year 2

icui 2				
Autumn se	Autumn semester			
97601	German Language and Culture 1	8cp		
58114	Fictions: Storytelling, Narrative and Drama	8cp		
976001	Foundations in International Studies	8cp		
Spring ser	mester			
58202	Regulating Communication: Law, Ethics, Politics	8cp		
58212	Aesthetics	8cp		
97602	German Language and Culture 2	8cp		
V0				

Year 3

Autumn semester				
58201	Communication and Cultural Industries an Practices	d	8ср	
58213 97603	Research and Practice German Language and Culture 3		8cp 8cp	
Spring semester			оср	
976421 97604	Contemporary Germany German Language and Culture 4		8cp 8cp	
	edit points from the following options: Sub-major choice Electives	24cp 24cp	8ср	
Year 4				

976421 97604	Contemporary Germany German Language and Culture 4		8ср 8ср
	edit points from the following options: Sub-major choice Electives	24cp 24cp	8ср
Year 4			
Autumn se	emester		
977420	In-country Study 1: Germany		24cp
Spring sen	nester		
978420	In-country Study 2: Germany		24cp
Year 5			
Autumn se	emester		

Autumn se	emester		
58301	Communication Practice Project		8ср
	redit points from the following options: Sub-major choice Electives	24cp 24cp	16ср
Spring semester 58311 Media Arts Project		8ср	
	redit points from the following options: Sub-major choice Electives	24cp 24cp	16ср

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au www.internationalstudies.uts.edu.au

C10254v1 Bachelor of Arts in Communication (Public Communication) and in International **Studies**

Award(s): Bachelor of Arts in Communication (BA) Bachelor of Arts in International Studies (BA)

UAC code: 609320 CRICOS code: 026205F

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Overview

The course combines a professional degree with immersion in another language and culture, enhancing professional training and career options. This combined degree seeks to augment the value of public communication by broadening awareness and understanding of another language and culture.

International perspectives on public relations and advertising enable UTS graduates to transcend national barriers and be competitive in a global environment. Career options are enhanced by international experience, making students more adept at international and crosscultural professional practice.

Career options

Career options include advertising copywriters, advertising account executives, communication strategists, community relations managers, marketing communication specialists, media liaison officers, media researchers, political media advisers, public relations consultants, publicity officers and special events coordinators.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

There are no prior language requirements for the international studies program. Entry level to the various language and culture programs depends upon students' prior knowledge of the relevant language. Students are admitted to the international studies program with no guarantee of entry to a specific country major, although every effort is made to meet their preferences.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

HSC English and computer literacy. There are no prior language requirements for the international studies program (see page 87).

24cp

External articulation

The Faculty of Arts and Social Sciences has established credit recognition packages with the following institutions for the courses listed:

- INSEARCH UTS: Diploma of Communication
- Nanyang Polytechnic, Singapore: Diploma in Media Studies and Management
- Temasek Polytechnic: Diploma in Communication and Media Management
- Ngee Ann Polytechnic, Singapore: Diploma in Mass Communication.

Course duration and attendance

The course is offered on a five-year, full-time basis. Students spend two semesters of study at a university or other higher education institution in the country of their major.

Course structure

Students must complete 240 credit points, comprising 144 credit points in the communication component and 96 credit points in the international studies component. The Bachelor of Arts in International Studies requires undergraduates to study a region or country major over a minimum of three years. The Bachelor of Arts in International Studies is not offered as a separate degree, but is completed only in combination with the professional degree program.

Overseas study

Students spend their fourth year of study at a university overseas.

Course completion requirements

CBK90005 Country major choice	96ср
STM90550 Core subjects	48cp
MAJ10024 Public Communication	48cp
CBK90701 Sub-major choice	24cp
CBK90702 Electives	24cp
	Total 240cp

Course program

The example program below is for a student commencing in Autumn semester 2012 with the Germany major as the chosen international studies major. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major. Students must choose a submajor from CBK90701 in Year 1 Spring semester. Students have the option of completing either a Public Relations stream (STM90716) or an Advertising stream (STM90715) in Year 1 of this course.

Students who commenced before 2012 should follow the course program in the archived handbook from their commencing year.

Advertising stream

Coloct one of the following

Year 1

58202

58229

97602

Spring semester

Autumn	semester
Autuiiii	3611163661

Select	one of the following:		8cp
58101	Understanding Communication	8ср	•
58103	Ideas in History	8cp	
58116	The Ecology of Public Communication	_	8cp
58102	Language and Discourse		8cp
Spring ser	nester		
Select	one of the following:		8cp
58103	Ideas in History	8ср	•
58101	0	8cp	
58118	Principles of Advertising		8cp
Select 8 cre	edit points from the following options:		8ср
	Sub-major choice	24cp	1
Year 2	,	1	
Autumn se	emester		
97601	German Language and Culture 1		8cp
58129	Advertising Campaign Practice		8cp
976001	Foundations in International Studies		8cp

Regulating Communication: Law, Ethics, Politics

Brand Advertising Strategies

German Language and Culture 2

Year 3

ieai 3				
Autumn semester				
58201	Communication and Cultural Industries an Practices	d	8ср	
58312	Integrated Communication		8cp	
97603	German Language and Culture 3		8ср	
Spring ser	nester			
976421	Contemporary Germany		8cp	
97604	German Language and Culture 4		8cp	
	edit points from the following options:		8cp	
	Sub-major choice	24cp		
CBK90702	Electives	24cp		
Year 4				
Autumn se	emester			
977420	In-country Study 1: Germany		24cp	

In-country Study 2: Germany

978420

Spring semester

Autumn s	emester		
58301	Communication Practice Project		8ср
	redit points from the following options: Sub-major choice Electives	24cp 24cp	16ср
Spring ser	nester		
58230	Professional Advertising Practice		8cp
	redit points from the following options: Sub-major choice Electives	24cp 24cp	16cp

Public Relations stream

Year 1

Autumn semester

Selec	t one of the following:		8cp
5810	1 Understanding Communication	8ср	1
5810	3 Ideas in History	8cp	
58116	The Ecology of Public Communication	-	8cp
58102	Language and Discourse		8cp
Ci			

Spring semester

Select one	e of the following:		8cp
58103	Ideas in History	8ср	_
58101	Understanding Communication	8cp	
58117 Pri	nciples of Public Relations	-	8cp
	points from the following options:		8cp
CBK90701 Sul	o-major choice	24cp	

Year 2

Autumn semester

97601	German Language and Culture 1	8ср
58128	Strategic Public Relations	8cp
976001	Foundations in International Studies	8cp
Spring ser	nester	
58202	Regulating Communication: Law, Ethics, Politics	8ср
58214	Media Writing and Production	8cp
97602	German Language and Culture 2	8cp

Year 3

8ср

8cp

8ср

Autumn semester

58201	Communication and Cultural Industries an	d	
	Practices		8cp
58312	Integrated Communication		8cp
97603	German Language and Culture 3		8cp
Spring se	mester		
976421	Contemporary Germany		8cp
97604	German Language and Culture 4		8cp
Select 8 cr	edit points from the following options:		8ср
CBK90701	Sub-major choice	24cp	•
CBK90702	2 Electives	24cp	

24cp

Year 4

Autumn se	emester In-country Study 1: Germany		24cp
977 4 20	in-country Study 1. Germany		24cp
Spring ser	nester		
978420	In-country Study 2: Germany		24cp
Year 5			
Autumn se	emester		
58301	Communication Practice Project		8cp
	redit points from the following options: Sub-major choice Electives	24cp 24cp	16cp
Spring ser	nester		
58231	Organisational Communication		8cp
	redit points from the following options: Sub-major choice Electives	24cp 24cp	16cp

Professional recognition

This course has professional recognition from the Public Relations Institute of Australia and the International Advertising Association.

- Students wishing to be eligible for professional membership of Public Relations Institute of Australia must successfully complete the two core subjects in MAJ10024 Public Communication and choose STM90716 Public Relations stream (four subjects) as their option.
- Students wishing to be eligible for professional membership
 of the International Advertising Association must successfully
 complete the four subjects in STM90715 Advertising stream and
 in addition 58117 Principles of Public Relations.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au www.internationalstudies.uts.edu.au

C10255v1 Bachelor of Arts in Communication (Writing and Cultural Studies) and in International Studies

Award(s): Bachelor of Arts in Communication (BA) Bachelor of Arts in International Studies (BA)

UAC code: 609330 CRICOS code: 026206E

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Overview

Writers tell their own stories and, in doing so, they tell the stories of the societies they live in. This course combines a professional degree with immersion in another language and culture, enhancing professional training and career options. This combined degree is designed to broaden students' awareness of writing and the work of the writer in relation to different languages and cultures.

Writing at UTS is studied as a craft undertaken in close engagement with, and responsiveness to, the writer's society. Australia is uniquely positioned to play a significant role in the 21st century. Its writers are a vital part of understanding and defining this role and they are better equipped for this task with an understanding of their own and other contemporary cultures as they go about their work.

Career options

Career options include arts and cultural administrators, book marketing coordinators, communication coordinators, copywriters, cultural researchers, dramatists, editors, feature writers, freelance writers, new media and web producers, novelists, publishers, literary agents, media researchers, poets, publications officers and scriptwriters.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

There are no prior language requirements for the international studies program. Entry level to the various language and culture programs depends upon students' prior knowledge of the relevant language. Students are admitted to the international studies program with no guarantee of entry to a specific country major, although every effort is made to meet their preferences.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

HSC English and computer literacy. There are no prior language requirements for the international studies program (see page 87).

External articulation

The Faculty of Arts and Social Sciences has established credit recognition packages with the following institutions for the courses listed:

- INSEARCH UTS: Diploma of Communication
- Nanyang Polytechnic, Singapore: Diploma in Media Studies and Management
- Temasek Polytechnic: Diploma in Communication and Media Management
- Ngee Ann Polytechnic, Singapore: Diploma in Mass Communication.

Course duration and attendance

The course is offered on a five-year, full-time basis. Students spend two semesters of study at a university or other higher education institution in the country of their major.

Course structure

Students must complete 240 credit points, comprising 144 credit points in the communication component and 96 credit points in the international studies component. The Bachelor of Arts in International Studies requires undergraduates to study a region or country major over a minimum of three years. The Bachelor of Arts in International Studies is not offered as a separate degree, but is completed only in combination with the professional degree program.

Overseas study

Students spend their fourth year of study at a university overseas.

Course completion requirements

CBK90005	Country major choice	96ср
STM90550	Core subjects	48cp
MAJ10022	Writing and Cultural Studies	48cp
CBK90701	Sub-major choice	24cp
CBK90702	Electives	24cp
		Total 240cp

Course program

The example program below is for a student commencing in Autumn semester 2012 with the Germany major as the chosen international studies major. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major. Students must choose a submajor from CBK90701 in Year 1 Spring semester.

Students who commenced before 2012 should follow the course program in the archived handbook from their commencing year.

Year 1

icui i			
Autumn se			
	t one of the following:	0	8cp
58101 58103	Understanding Communication Ideas in History	8ср 8ср	
58119	Text and Context	оср	8ср
58102	Language and Discourse		8cp
Spring ser	nester		
Select	t one of the following:		8ср
58103	,	8cp	_
58101 58121	Understanding Communication Fictional Forms	8cp	0 010
			8cp
	edit points from the following options: Sub-major choice	24cp	8ср
	Sub-major Choice	24cp	
Year 2			
Autumn se	emester		
97601	German Language and Culture 1		8cp
58120 976001	Creativity and Culture Foundations in International Studies		8cp
			8ср
Spring ser		1	0
58202 58216	Regulating Communication: Law, Ethics, Policy Imagining the Real	olitics	8cp
97602	German Language and Culture 2		8ср 8ср
Year 3	9.79.		
Autumn se	amester		
58201	Communication and Cultural Industries an	d	
30201	Practices	ıu	8ср
58217	Experiments in Culture		8cp
97603	German Language and Culture 3		8cp
Spring ser	mester		
976421	Contemporary Germany		8cp
97604	German Language and Culture 4		8cp
	edit points from the following options:		8cp
CBK90701 CBK90702	Sub-major choice	24cp	
	Electives	24cp	
Year 4			
Autumn se			
977420	In-country Study 1: Germany		24cp
Spring ser	mester		
978420	In-country Study 2: Germany		24cp
Year 5			
Autumn se	emester		
58301	Communication Practice Project		8cp
Select 16 c	redit points from the following options:		16cp
	Sub-major choice	24cp	- 1
CBK90702	Electives	24cp	
Spring ser	nester		
58313	Writing Laboratory		8cp
Select 16 c	redit points from the following options:		16cp
CBK90701	Sub-major choice	24cp	•
CBK90702	Electives	24cp	
Other in	formation		

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.internationalstudies.uts.edu.au

C10256v1 Bachelor of Arts in Communication (Social Inquiry) and in International Studies

Award(s): Bachelor of Arts in Communication (BA) Bachelor of Arts in International Studies (BA)

UAC code: 609345 CRICOS code: 043281G

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Overview

The course combines a professional degree with immersion in another language and culture, enhancing professional training and career options. This combined degree seeks to augment the value of social inquiry by broadening awareness and understanding of another language and culture.

The course offers students a powerful mix of skills and knowledge which may be applied in many professional areas. It prepares students by incorporating and teaching diversity, ways of understanding and working within other cultures, the ability to understand different social and political frameworks, skills in exploring historical materials as well as researching current social problems and devising policy possibilities, and developing communication strategies using new media. Career options are also enhanced by international experience, making students more marketable to prospective employers.

Career options

Career options include community development workers, community project managers, local and community historians, international aid workers, media researchers, policy analysts, policy officers, political advisers, politicians, social researchers, social welfare officers, trade union officials, and change agents in a range of social, cultural, historical and political arenas.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

There are no prior language requirements for the international studies program. Entry level to the various language and culture programs depends upon students' prior knowledge of the relevant language. Students are admitted to the international studies program with no guarantee of entry to a specific country major, although every effort is made to meet their preferences.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

HSC English and computer literacy. There are no prior language requirements for the international studies program (see page 87).

External articulation

The Faculty of Arts and Social Sciences has established credit recognition packages with the following institutions for the courses listed:

- INSEARCH UTS: Diploma of Communication
- Nanyang Polytechnic, Singapore: Diploma in Media Studies and Management
- Temasek Polytechnic: Diploma in Communication and Media Management
- Ngee Ann Polytechnic, Singapore: Diploma in Mass Communication.

Course duration and attendance

The course is offered on a five-year, full-time basis. Students spend two semesters of study at a university or other higher education institution in the country of their major.

Course structure

Students must complete 240 credit points, comprising 144 credit points in the communication component and 96 credit points in the international studies component. The Bachelor of Arts in International Studies requires undergraduates to study a region or country major over a minimum of three years. The Bachelor of Arts in International Studies is not offered as a separate degree, but is completed only in combination with the professional degree program.

Overseas study

Students spend their fourth year of study at a university overseas.

Course completion requirements

CBK90005 Country major choice	96ср
STM90550 Core subjects	48cp
MAJ09395 Social Inquiry	48cp
CBK90701 Sub-major choice	24cp
CBK90702 Electives	24cp
	Total 240cp

Course program

The example program below is for a student commencing in Autumn semester 2012 with the Germany major as the chosen international studies major. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major. Students must choose a submajor from CBK90701 in Year 1 Spring semester.

Students who commenced before 2012 should follow the course program in the archived handbook from their commencing year.

Year 1

Autumn semester

Select one of the following:

58101	Understanding Communication	8ср	•
58103	Ideas in History	8ср	
58122	Introduction to Social Inquiry		8cp
58102	Language and Discourse		8cp
Spring ser	nester		
Select	one of the following:		8cp
58103	Ideas in History	8ср	•
58101	Understanding Communication	8ср	
58124	Local Transformations	•	8cp
Select 8 cre	edit points from the following options:		8ср
CBK90701	Sub-major choice	24cp	-
v 0			

Year 2

Autumn semester

97601	German Language and Culture 1	8cp
58123	Society, Economy and Globalisation	8cp
976001	Foundations in International Studies	8cp
Spring ser	nester	
58202	Regulating Communication: Law, Ethics, Politics	8ср
58218	Ideology, Beliefs and Visions	8ср
97602	German Language and Culture 2	8ср
		_

Year 3

Autumn se	mester		
58201	Communication and Cultural Industries and Practices	1	8cp
58219	Social Change Communication		8cp
97603	German Language and Culture 3		8cp
Spring sen	nester		
976421	Contemporary Germany		8ср
97604	German Language and Culture 4		8cp
CBK90701	dit points from the following options: Sub-major choice	24ср	8cp
CBK90702	Electives	24cp	

Year 4

Autumn s	emester		
977420	In-country Study 1: Germany		24cp
Spring sei 978420	mester In-country Study 2: Germany		24cp
Year 5			
Autumn s	emester		
58317	Transnational Media		8cp
	redit points from the following options: Sub-major choice Electives	24cp 24cp	16ср
Spring se	mester		
Select 58314 50260	1)	8cp 8cp	8ср
CBK90701	redit points from the following options: . Sub-major choice ? Electives	24cp 24cp	16cp

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au www.internationalstudies.uts.edu.au

C10257v1 Bachelor of Arts in Communication (Information and Media) and in International Studies

Award(s): Bachelor of Arts in Communication (BA) Bachelor of Arts in International Studies (BA) UAC code: 609340 CRICOS code: 060174C Commonwealth-supported place?: Yes Load credit points: 240

Course EFTSL: 5 Location: City campus

Overview

8ср

The combined degree enhances the interdisciplinary nature of the professionally oriented information and media degree through immersion in another language and culture.

Apart from the wider educational goals, the course helps students become more effective as information professionals, whether in Australia or overseas. Career options are enhanced by international experience.

Career options

Career options include collection developers, database designers, information architects, information managers, librarians, media researchers, new media producers, project managers, and web content developers or content managers.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

There are no prior language requirements for the international studies program. Entry level to the various language and culture programs depends upon students' prior knowledge of the relevant language. Students are admitted to the international studies program with no guarantee of entry to a specific country major, although every effort is made to meet their preferences.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

HSC English and computer literacy. There are no prior language requirements for the international studies program (see page 87).

External articulation

The Faculty of Arts and Social Sciences has established credit recognition packages with the following institutions for the courses listed:

- INSEARCH UTS: Diploma of Communication
- Nanyang Polytechnic, Singapore: Diploma in Media Studies and Management
- Temasek Polytechnic: Diploma in Communication and Media Management
- Ngee Ann Polytechnic, Singapore: Diploma in Mass Communication.

Course duration and attendance

The course is offered on a five-year, full-time basis. Students spend two semesters of study at a university or other higher education institution in the country of their major.

Course structure

Students must complete 240 credit points, comprising 144 credit points in the communication component and 96 credit points in the international studies component. The Bachelor of Arts in International Studies requires undergraduates to study a region or country major over a minimum of three years. The Bachelor of Arts in International Studies is not offered as a separate degree, but is completed only in combination with the professional degree program.

Overseas study

Students spend their fourth year of study at a university overseas.

Course completion requirements

CBK90005	Country major choice	96ср
STM90550	Core subjects	48cp
MAJ10023	Information and Media	48cp
CBK90701	Sub-major choice	24cp
CBK90702	Electives	24cp
		Total 240cp

Course program

The example program below is for a student commencing in Autumn semester 2012 with the Germany major as the chosen international studies major. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major. Students must choose a submajor from CBK90701 in Year 1 Spring semester.

Students who commenced before 2012 should follow the course program in the archived handbook from their commencing year.

Year 1

Autumn semester

Select	t one of the following:		8ср
58101	Understanding Communication	8ср	
58103	Ideas in History	8cp	
58125	Creative Information Design	•	8cp
58102	Language and Discourse		8cp
Spring ser	nester		
Select	one of the following:		8cp
58103	Ideas in History	8cp	1
58101	Understanding Communication	8cp	
58126	Information Discovery and Analysis	1	8cp
Select 8 cr	edit points from the following options:		8ср
CBK90701	Sub-major choice	24cp	

Year 2

Autumn semester

Autuilli 30	incocci		
97601 58127	German Language and Culture 1 Information Cultures		8ср 8ср
976001	Foundations in International Studies		8cp
Spring sen	nester		
58202 58220	Regulating Communication: Law, Ethics, Po	olitics	8cp
97602	Designing for the Web German Language and Culture 2		8ср 8ср
Year 3	0.00		- 1
Autumn se	emester		
58201	Communication and Cultural Industries an Practices	d	8ср
58221	Social Informatics		8cp
97603	German Language and Culture 3		8cp
Spring sen			
976421 97604	Contemporary Germany German Language and Culture 4		8ср 8ср
Select 8 cre	edit points from the following options:		8ср
	Sub-major choice	24cp	-
CBK90702	Electives	24cp	
Year 4			
Autumn se	emester		
977420	In-country Study 1: Germany		24cp
Spring sen	nester		
978420	In-country Study 2: Germany		24cp
Year 5			
Autumn se			
58315	Storing Objects and Artifacts		8cp
	redit points from the following options:	24	16cp
CBK90701 CBK90702	Sub-major choice Electives	24cp 24cp	
Spring sen	nester	1	
58301	Communication Practice Project		8ср
Select 16 ca	redit points from the following options:		16ср
	Sub-major choice	24cp	
CBK90702	Electives	24cp	

Professional recognition

This course has professional recognition from the Australian Library and Information Association. Students wishing to be eligible for professional membership of ALIA, must successfully complete 50190 Professional Information Project as an elective.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.internationalstudies.uts.edu.au

C10258v2 Bachelor of Arts in Communication (Journalism) Bachelor of Laws

Award(s): Bachelor of Arts in Communication (BA)

Bachelor of Laws (LLB) UAC code: 609001 CRICOS code: 030572D

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Overview

This course is offered jointly by UTS: Law and UTS: Communication. It aims to produce journalists with the knowledge and analytical skills of lawyers, and lawyers with the communication skills of professional journalists. It develops a broad range of professional skills and knowledge for either legal or media practice.

For those wishing to specialise after graduation, the course offers a number of possibilities including media and communications legal practice, policy and research work, specialist legal and crime reporting and publishing for print, internet, radio or television, and legal communications or publishing in the private sector.

Career options

Career options include journalist with professional skills in one or more of the print, radio, television or internet media; lawyer in the media and communication industry or legal policy adviser in a government department such as the Australian Broadcasting Authority.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances

Assumed knowledge

Proficiency in English and computer literacy.

Course duration and attendance

The course is offered on a five-year, full-time basis. Students are required to attend approximately 17 hours of seminars and lectures a week. Timetable constraints may require attendance at daytime and evening classes for the law component.

Course structure

The course comprises 240 credit points. The study components for course completion are as follows.

The law component of 144 credit points is made up of:

- 102 credit points of compulsory core law subjects, and
- 42 credit points of law options

The communication component of 96 credit points is made up of:

- 48 credit points of compulsory subjects, and
- 48 credit points of subjects from the Journalism major.

Refer to the course entry in the *UTS: Handbook 2007* for the pre-2008 course structure.

For a current listing of subjects in each course, refer to the study package directory.

Industrial training/professional practice

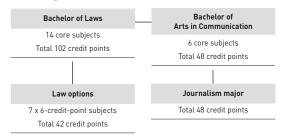
To practise as a lawyer in NSW, students need to successfully complete an accredited legal academic qualification (e.g. Bachelor of Laws) and an accredited course of practical legal training (PLT), which UTS offers through its PLT program.

Students enrolled in this course may complete their practical legal training by undertaking a postgraduate course in PLT, such as the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

Course completion requirements

STM90691 Law stream	144ср
STM90550 Core subjects	48cp
MAJ10020 Journalism	48cp
	Total 240cp

Course diagram



Course program

The standard program shown is for a full-time student with law options.

All options shown are law options and are to be drawn from those on offer in CBK90383.

Students who commenced before 2012 should follow the course program in the archived handbook from their commencing year.

Year 1

Autumn semester

Select 58101 58103 58102 58110	0	8cp 8cp	8cp 8cp 8cp
Spring ser 70115 70120 58111 Year 2	nester Perspectives on Law Legal Method and Research Reporting with Sound and Image		8cp 6cp 8cp
Autumn se 70211 58112	emester Contracts Reporting and Editing for Print and Online Journalism tone of the following:		8cp 8cp 8cp
58103 58101 Spring ser 70311 70218 58210	Understanding Communication	8cp 8cp	8cp 8cp 8cp
Year 3 Autumn se 70616 70317 58211	emester Australian Constitutional Law Real Property Specialist Reporting, Audiences and Interacti	vity	8cp 8cp 8cp
Spring ser 70327 58310 Select 12 c	nester Commercial Law Media Hub redit points of options	-	6cp 8cp 12cp

Year 4

Autumn	semester
--------	----------

70417	Corporate Law	8cp	
70517	Equity and Trusts	8ср	
58201	Communication and Cultural Industries and	_	
	Practices	8cp	
Spring semester			
70617	Administrative Law	8ср	
58202	Regulating Communication: Law, Ethics, Politics	8cp	
70717	Evidence and Criminal Procedure	6ср	

Year 5

Autumn semester

58301	Communication Practice Project	8cp	
75421	Civil Litigation	6ср	
75420	Ethics and Professional Conduct	6cp	
Select 6 credit points of options			
Spring semester			
Select 24 credit points of options			

Levels of award

The Bachelor of Laws may be awarded with first or second class honours, which does not require an additional honours year. Honours candidates must complete the research thesis within the law option component. The rules concerning the Bachelor of Laws with honours can be found in undergraduate course information (see page 96).

Honours

The Bachelor of Arts (Honours) in Communication (C09009) (see page 110) is offered on a one-year, full-time basis.

Professional recognition

This course satisfies the requirements for admission to the Supreme Court of NSW as a lawyer, provided students complete a practical legal training program, such as the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10259v2 Bachelor of Arts in Communication (Media Arts and Production) Bachelor of Laws

Award(s): Bachelor of Arts in Communication (BA)

Bachelor of Laws (LLB) UAC code: 609002 CRICOS code: 030573C

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Overview

This course is offered jointly by UTS: Law and UTS: Communication. It aims to develop a broad range of professional skills and knowledge for either legal or media practice and provides advanced hands-on conceptual and technical skills in film, video, sound and new media. It allows students to graduate with the separate degrees of Bachelor of Arts in Communication (Media Arts and Production) and Bachelor of Laws.

Students have the unique opportunity to combine studies in film, video, sound and new media with studies in law, gaining a first-hand perspective of the production process, the creation of intellectual property in media production and the functions of various crew roles including directors and producers through producing and exhibiting their own short film, video, sound production or new media programs.

Career options

Career options include lawyer in the media and communication industry; a wide range of roles within the media and cultural sectors in film, media or sound production; or emerging areas including the internet.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

HSC English and computer literacy.

Course duration and attendance

The course is offered on a five-year, full-time basis. Students are required to attend approximately 17 hours of seminars and lectures a week, and may be required to attend evening classes for the law component.

Course structure

The course comprises 240 credit points. The study components for course completion are as follows.

The law component of 144 credit points is made up of:

- 102 credit points of compulsory core law subjects, and
- 42 credit points of law options.

The communication component of 96 credit points is made up of:

- 48 credit points of compulsory subjects, and
- 48 credit points of subjects from the Media Arts and Production major.

Refer to the course entry in the $UTS: Handbook\ 2007$ for the pre-2008 course structure.

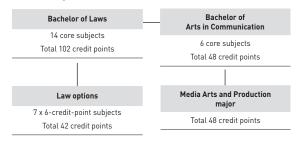
For a current listing of subjects in each course, refer to the study package directory.

Industrial training/professional practice

To practise as a lawyer in NSW, students need to successfully complete an accredited legal academic qualification (e.g. Bachelor of Laws) and an accredited course of practical legal training (PLT), which UTS offers through its PLT program.

Students enrolled in this course may complete their practical legal training by undertaking a postgraduate course in PLT, such as the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

Course diagram



Course completion requirements

STM90691 Law stream	144cp
STM90550 Core subjects	48cp
MAJ10021 Media Arts and Production	48cp
	Total 240cp

Course program

The standard program shown is for a full-time student with law

All options shown are law options and are to be drawn from those on offer in CBK90383.

Students who commenced before 2012 should follow the course program in the archived handbook from their commencing year.

Year 1

Autumn	sem	ester

Select one of the following:

58101 58103	U	8cp	···
58103 58103 58113	Ideas in History Language and Discourse Exploring Media Arts	8cp	8cp 8cp
Spring ser	nester		
70115 70120 58115	Perspectives on Law Legal Method and Research Composing the Real		8cp 6cp 8cp
Year 2			
Autumn se	emester		
70211	Contracts		8ср
58114	Fictions: Storytelling, Narrative and Drama		8cp
Select 58103 58101	2	8cp 8cp	8ср

Spring semester			
Criminal Law	8ср		
Aesthetics	8cp		
Torts	8cp		
	Criminal Law Aesthetics		

Year 3

Autumn semester			
70616 70317	Australian Constitutional Law Real Property	8cp 8cp	
58213	Research and Practice	8cp	
Spring semester			
58311	Media Arts Project	8cp	
70327	Commercial Law	6ср	
Select 12	Select 12 credit points of options 12cp		

Year 4

Autumn semester

70417	Corporate Law	8cp
70517	Equity and Trusts	8cp
58201	Communication and Cultural Industries and	•
	Practices	8cp
Spring se	emester	
70617	Administrative Law	8cp
58202	Regulating Communication: Law, Ethics, Politics	8cp
70717	Evidence and Criminal Procedure	6cp

Year 5

Autumn semester

58301	Communication Practice Project	8ср
75421	Civil Litigation	6ср
75420	Ethics and Professional Conduct	6ср
Select 6 credit points of options		6ср
Spring s	semester	

Select 24 credit points of options 24cp

Levels of award

The Bachelor of Laws may be awarded with first or second class honours, which does not require an additional honours year. Honours candidates must complete the research thesis within the law option component. The rules concerning the Bachelor of Laws with honours can be found under undergraduate course information (see page 96).

Honours

The Bachelor of Arts (Honours) in Communication (C09009) (see page 110) is offered on a one-year, full-time basis.

Professional recognition

This course satisfies the requirements for admission to the Supreme Court of NSW as a lawyer, provided students complete a practical legal training program, such as the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

8ср

Ask UTS www.ask.uts.edu.au

C10260v2 Bachelor of Arts in Communication (Social Inquiry) Bachelor of Laws

Award(s): Bachelor of Arts in Communication (BA)

Bachelor of Laws (LLB) UAC code: 609003 CRICOS code: 032311J

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Overview

This course is offered jointly by UTS: Law and UTS: Communication. It provides students with a range of professional and analytical skills grounded in sociology, social policy, politics, public history and international studies, for either legal or social science practice. It is designed for students who want to use their professional legal qualification together with social research, policy development and political advocacy.

The program provides full-time study for students wishing to obtain $% \left\{ 1\right\} =\left\{ 1\right\}$ a professional legal qualification that satisfies the requirements for admission as a lawyer together with specialisation in social, cultural and communication theory and practice. Studies in social inquiry increase students' employment options in the diverse fields of social science, media and communication, as well as extending their knowledge of the broader context in which the legal system operates.

Course aims

The course aims to promote understanding of how communities and political systems work, along with positive and effective intervention skills.

Career options

Career options include lawyer in business or media organisations, community or public sector, as an advocate, policy maker, political activist, political adviser or social or media researcher.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

HSC English and computer literacy.

Course duration and attendance

The course is offered on a five-year, full-time basis. Students are required to attend approximately 17 hours of seminars and lectures a week, and may be required to attend evening classes for the law component.

Course structure

The course comprises 240 credit points. The study components for course completion are as follows.

The law component of 144 credit points is made up of:

- 102 credit points of compulsory core law subjects, and
- 42 credit points of law options.

The communication component of 96 credit points is made up of:

- 48 credit points of compulsory subjects, and
- 48 credit points of subjects from the Social Inquiry major.

Refer to the course entry in the *UTS: Handbook 2007* for the pre-2008 course structure

For a current listing of subjects in each course, refer to the study package directory.

Industrial training/professional practice

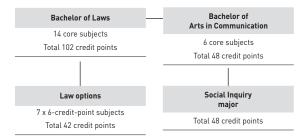
To practise as a lawyer in NSW, students need to successfully complete an accredited legal academic qualification (e.g. Bachelor of Laws) and an accredited course of practical legal training (PLT), which UTS offers through its PLT program.

Students enrolled in this course may complete their practical legal training by undertaking a postgraduate course in PLT, such as the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

Course completion requirements

STM90691 Law stream	144cp
STM90550 Core subjects	48cp
MAJ09395 Social Inquiry	48cp
	Total 240cp

Course diagram



Course program

The standard program shown is for a full-time student with law options.

All options shown are law options and are to be drawn from those on offer in CBK90383.

Students who commenced before 2012 should follow the course program in the archived handbook from their commencing year.

Year 1

Autumn semester

Select	one of the following:		8cp
58101	Understanding Communication	8cp	_
58103	Ideas in History	8cp	
58102	Language and Discourse	-	8cp
58122	Introduction to Social Inquiry		8cp
Spring ser	nester		
70115	Perspectives on Law		8cp
70120	Legal Method and Research		6ср
58124	Local Transformations		8cp

Year 2

Autumn s	emester		
70211	Contracts		8cp
58123	Society, Economy and Globalisation		8cp
Selec	t one of the following:		8cp
58103	J	8cp	
58101	Understanding Communication	8cp	
Spring se			
58218	Ideology, Beliefs and Visions		8cp
70218 70311	Criminal Law Torts		8cp
	Torts		8cp
Year 3			
Autumn s	emester		
70616	Australian Constitutional Law		8cp
70317	Real Property		8cp
58219	Social Change Communication		8cp
Spring se			
	t one of the following:	0	8cp
58314 50260	1 2	8cp 8cp	
70327	Commercial Law	оср	6ср
Select 12 c	redit points of options		12cp
	real points of options		12cp
Year 4			
Autumn s			
70417 70517	Corporate Law		8cp
58201	Equity and Trusts Communication and Cultural Industries and		8ср
00201	Practices		8ср
Spring ser	mester		•
70717	Evidence and Criminal Procedure		6ср
58202	Regulating Communication: Law, Ethics, Pol	itics	8cp
70617	Administrative Law		8cp
Year 5			
Autumn s	emester		
58301	Communication Practice Project		8cp
75421	Civil Litigation		6ср
75420	Ethics and Professional Conduct		6ср
Select 6 credit points of options			6ср
Spring semester			
Select 24 credit points of options 2			24cp
Lauria of accord			

Levels of award

The Bachelor of Laws may be awarded with first or second class honours, which does not require an additional honours year. Honours candidates must complete the research thesis within the law option component. The rules concerning the Bachelor of Laws with honours can be found in undergraduate course information (see page 96).

Honours

The Bachelor of Arts (Honours) in Communication (C09009) (see page 110) is offered on a one-year, full-time basis.

Professional recognition

This course satisfies the requirements for admission to the Supreme Court of NSW as a lawyer, provided students complete a practical legal training program, such as the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10261v2 Bachelor of Arts in Communication (Public Communication) Bachelor of Laws

Award(s): Bachelor of Arts in Communication (BA)

Bachelor of Laws (LLB) UAC code: 609005 CRICOS code: 040702E

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Overview

This course is offered jointly by UTS: Law and UTS: Communication. It provides students with interdisciplinary knowledge of public communication processes and industries, and their social, economic and political contexts with specialised expertise in public relations and/or advertising, together with studies in law. It allows students to graduate with the separate degrees of Bachelor of Arts in Communication (Public Communication) and Bachelor of Laws.

The course provides full-time study for students wishing to obtain a professional legal qualification that satisfies the requirements for admission as a lawyer in NSW together with practical skills and knowledge for contemporary public communication practice. Assessments and a professional industry placement ensure industry relevance and that students are work-ready.

Career options

Career options include advertising account manager, corporate communications adviser, lawyer in the public communication industry, media liaison officer, political media adviser, public or community relations manager or special events coordinator.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

HSC English and computer literacy.

Course duration and attendance

The course is offered on a five-year, full-time basis. Students are required to attend approximately 17 hours of seminars and lectures a week, and may be required to attend evening classes for the law component.

Course structure

The course comprises 240 credit points. The study components for course completion are as follows.

The law component of 144 credit points is made up of:

- 102 credit points of compulsory core law subjects, and
- 42 credit points of law options,

The communication component of 96 credit points is made up of:

- 48 credit points of compulsory subjects, and
- 48 credit points of subjects from the Public Communication major.

Refer to the course entry in the *UTS: Handbook 2007* for the pre-2008 course structure.

For a current listing of subjects in each course, refer to the study package directory.

Industrial training/professional practice

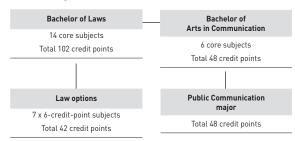
To practise as a lawyer in NSW, students need to successfully complete an accredited legal academic qualification (e.g. Bachelor of Laws) and an accredited course of practical legal training (PLT), which UTS offers through its PLT program.

Students enrolled in this course may complete their practical legal training by undertaking a postgraduate course in PLT, such as the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

Course completion requirements

STM90691 Law stream	144cp
STM90550 Core subjects	48cp
MAJ10024 Public Communication	48cp
	Total 240cp

Course diagram



Course program

Students have the option of completing either a Public Relations stream (STM90716) or an Advertising stream (STM90715) in Year 1 of this course. The standard program shown is for a full-time student with law options.

All options shown are law options and are to be drawn from those on offer in CBK90383.

Students who commenced before 2012 should follow the course program in the archived handbook from their commencing year.

Public Relations stream

Year 1

Autumn semester

Select 58101 58103	one of the following: Understanding Communication Ideas in History	8ср 8ср	8ср
58102 58116	Language and Discourse The Ecology of Public Communication	оср	8cp 8cp
Spring sen 70115 70120 58117	nester Perspectives on Law Legal Method and Research Principles of Public Relations		8cp 6cp 8cp
Year 2			
Autumn se	mester		
70211 58128	Contracts Strategic Public Relations		8cp 8cp
Select 58103 58101	one of the following: Ideas in History Understanding Communication	8ср 8ср	8cp
Spring sen 70218 58214 70311	nester Criminal Law Media Writing and Production Torts		8cp 8cp 8cp
Year 3			
Autumn se	mester		
58312 70317 70616	Integrated Communication Real Property Australian Constitutional Law		8cp 8cp 8cp
Spring sen	nester		
70327 58231	Commercial Law Organisational Communication		6ср 8ср
Select 12 cr	redit points of options		12cp

Spring semester Autumn semester Select 24 credit points of options 24cp 70417 Corporate Law 8cp Levels of award **Equity and Trusts** 70517 8cp Communication and Cultural Industries and 58201 The Bachelor of Laws may be awarded with first or second class 8cp honours, which does not require an additional honours year. Honours candidates must complete the research thesis within the law option Spring semester component. The rules concerning the Bachelor of Laws with honours 70617 Administrative Law 8cp can be found in undergraduate course information (see page 96). 58202 Regulating Communication: Law, Ethics, Politics 8cp 70717 Evidence and Criminal Procedure 6ср **Honours** Year 5 The Bachelor of Arts (Honours) in Communication (C09009) (see page 110) is offered on a one-year, full-time basis. Autumn semester 58301 Communication Practice Project 8cp Professional recognition 75421 Civil Litigation 6ср This course has professional recognition from the Public Relations 75420 Ethics and Professional Conduct 6ср Institute of Australia and the International Advertising Association. Select 6 credit points of options 6ср Students wishing to be eligible for professional membership of Spring semester Public Relations Institute of Australia must successfully complete the two core subjects in MAJ10024 Public Communication and Select 24 credit points of options 24cp choose STM90716 Public Relations stream (four subjects) as their option. Advertising stream Students wishing to be eligible for professional membership Year 1 of the International Advertising Association must successfully complete the four subjects in STM90715 Advertising stream and Autumn semester in addition 58117 Principles of Public Relations. Select one of the following: 8ср This course satisfies the requirements for admission to the Supreme **Understanding Communication** 58101 8cp Court of NSW as a lawyer, provided students complete a Practical 58103 Ideas in History legal training program, such as the Graduate Certificate in Professional 58102 Language and Discourse 8cp Legal Practice (C11232) (see page 467). The Ecology of Public Communication 8ср 58116 Spring semester Other information 70115 Perspectives on Law 8cp Further information is available from: 70120 Legal Method and Research 6ср UTS Student Centre Principles of Advertising 58118 8cp telephone 1300 ask UTS (1300 275 887) Year 2 or +61 2 9514 1222 Autumn semester Ask UTS www.ask.uts.edu.au 58129 Advertising Campaign Practice 8ср 70211 Contracts 8cp C10262v2 Bachelor of Arts in Select one of the following: 8ср 58103 Ideas in History 8cp Communication (Writing and 58101 Understanding Communication 8cp Cultural Studies) Bachelor of Laws Spring semester 70218 Criminal Law 8cp Award(s): Bachelor of Arts in Communication (BA) 58229 **Brand Advertising Strategies** 8cp Bachelor of Laws (LLB) 70311 8ср UAC code: 609006 CRICOS code: 040703D Year 3 Commonwealth-supported place?: Yes Autumn semester Load credit points: 240 70317 Real Property 8cp Course EFTSL: 5 58312 Integrated Communication 8cp Location: City campus 70616 Australian Constitutional Law 8cp Spring semester **Overview** Professional Advertising Practice 58230 8cp This course is offered jointly by UTS: Law and UTS: Communication. 70327 Commercial Law 6ср The course aims to assist students to develop advanced writing skills for general and specific writing across a range of genres, while Select 12 credit points of options 12cp gaining a strong critical awareness of new media, contemporary Year 4 culture and law. The program provides full-time study for students wising to obtain Autumn semester a professional legal qualification that satisfies the requirements 70417 Corporate Law 8cp for admission as a lawyer together with the study of writing as a Communication and Cultural Industries and 58201 professional practice. Practices 8cp 70517 **Equity and Trusts** UTS is renowned for the high calibre and award-winning success 8cp of its writing graduates, and maintains strong links to the literary Spring semester community, publishing industry and cultural sector. 70617 Administrative Law 8cp 70717 Evidence and Criminal Procedure 6ср **Career options** 58202 Regulating Communication: Law, Ethics, Politics 8cp Career options include lawyer in the publishing industry, cultural Year 5 administration or any position that calls for a broad knowledge of contemporary society and highly-developed writing skills, e.g. Autumn semester creative writing, editing, scriptwriting or web producer. 58301 Communication Practice Project 8ср 75421 Civil Litigation 6ср 75420 Ethics and Professional Conduct 6ср

Year 4

6ср

Select 6 credit points of options

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

HSC English and computer literacy.

Course duration and attendance

The course is offered on a five-year, full-time basis. Students are required to attend approximately 17 hours of seminars and lectures a week, and may be required to attend evening classes for the law component.

Course structure

The course comprises 240 credit points. The study components for course completion are as follows.

The law component of 144 credit points is made up of:

- 102 credit points of compulsory core law subjects, and
- 42 credit points of law options.

The communication component of 96 credit points is made up of:

- · 48 credit points of compulsory subjects, and
- 48 credit points of subjects from the Writing and Cultural Studies major.

Refer to the course entry in the *UTS: Handbook 2007* for the pre-2008 course structure.

For a current listing of subjects in each course, refer to the study package directory.

Industrial training/professional practice

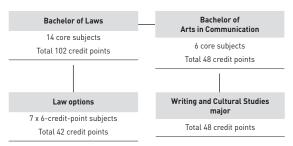
To practise as a lawyer in NSW, students need to successfully complete an accredited legal academic qualification (e.g. Bachelor of Laws) and an accredited course of practical legal training (PLT), which UTS offers through its PLT program.

Students enrolled in this course may complete their practical legal training by undertaking a postgraduate course in PLT, such as the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

Course completion requirements

STM90691 Law stream	144cp
STM90550 Core subjects	48cp
MAJ10022 Writing and Cultural Studies	48cp
<u> </u>	Total 240cp

Course diagram



Course program

The standard program shown is for a full-time student with law options.

All options shown are law options and are to be drawn from those on offer in CBK90383.

Students who commenced before 2012 should follow the course program in the archived handbook from their commencing year.

Year 1

icui i			
Autumn se			
Select 58101 58103	. 0	8cp 8cp	8ср
58102 58119	Language and Discourse Text and Context	оср	8cp 8cp
Spring ser	mester		
70115 70120 58121	Perspectives on Law Legal Method and Research Fictional Forms		8cp 6cp 8cp
Year 2			
Autumn se	emester		
58120 70211	Creativity and Culture Contracts		8ср 8ср
Select 58103 58101		8cp 8cp	8cp
Spring ser	mester		
58216 70218 70311	Imagining the Real Criminal Law Torts		8cp 8cp 8cp
Year 3			1
Autumn se	emester		
70616 70317 58217	Australian Constitutional Law Real Property Experiments in Culture		8cp 8cp 8cp
Spring ser	mester		1
70327 58313	Commercial Law Writing Laboratory		6ср 8ср
Select 12 c	redit points of options		12cp
Year 4			
Autumn se	emester		
70417 70517	Corporate Law Equity and Trusts		8ср 8ср
58201	Communication and Cultural Industries and Practices		8ср
Spring ser	mester		
70617 58202 70717	Administrative Law Regulating Communication: Law, Ethics, Pol Evidence and Criminal Procedure	itics	8ср 8ср 6ср
Year 5			
Autumn se	emester		
58301 75421 75420	Communication Practice Project Civil Litigation Ethics and Professional Conduct		8cp 6cp 6cp
	edit points of options		6ср
Spring ser	•		1
0.1 .04	1		2.4

Levels of award

Select 24 credit points of options

The Bachelor of Laws may be awarded with first or second class honours, which does not require an additional honours year. Honours candidates must complete the research thesis within the law option component. The rules concerning the Bachelor of Laws with honours can be found in undergraduate course information (see page 96).

24cp

Honours

The Bachelor of Arts (Honours) in Communication (C09009) (see page 110) is offered on a one-year, full-time basis.

Professional recognition

This course satisfies the requirements for admission to the Supreme Court of NSW as a lawyer, provided students complete a practical legal training program, such as the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

Other information

Further information is available from: UTS Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10263v2 Bachelor of Arts in Communication (Information and Media) Bachelor of Laws

Award(s): Bachelor of Arts in Communication (BA) Bachelor of Laws (LLB) UAC code: 609004 CRICOS code: 060175B Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Overview

This course is offered jointly by UTS: Law and UTS: Communication. It aims to develop knowledge and skills in law and the dynamic area of information and media. Through a 'learning through making' approach, this course is collaborative and critical in its study of creative information practices and how the law interrelates.

The course develops a broad range of capabilities for professional practice in information and law. This is particularly relevant to the creation, organisation, retrieval, access and flow of information, particularly within electronic environments such as blogs and podcasts where students develop skills in web design and architecture, media research and writing information and media content for diverse audiences. Students learn to solve problems encountered in areas where the law intersects with information and communication technologies within society, and engage with pertinent ethical questions.

Career options

Career options include collection developer, content developer or content manager, database designer, information architect, information manager, online and social media consultant, legal adviser within a government department, lawyer in corporate and commercial sector, librarian, media researcher, project manager, web designer and in other diverse roles particularly in legal and business contexts.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

HSC English and computer literacy.

Course duration and attendance

The course is offered on a five-year, full-time basis. Students are required to attend approximately 17 hours of seminars and lectures a week, and may be required to attend evening classes for the law component.

Course structure

The course comprises 240 credit points. It allows students to graduate with the separate degrees of Bachelor of Arts in Communication (Information and Media) and Bachelor of Laws. The study components for course completion are as follows.

- The law component of 144 credit points is made up of: 102 credit points of compulsory core law subjects, and
- 42 credit points of law options,
- The communication component of 96 credit points is made up of: 48 credit points of compulsory subjects, and
- 48 credit points of subjects from the Information and Media major.

Industrial training/professional practice

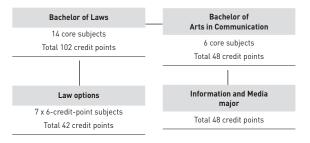
To practise as a lawyer in NSW, students need to successfully complete an accredited legal academic qualification (e.g. Bachelor of Laws) and an accredited course of practical legal training (PLT), which UTS offers through its PLT program.

Students enrolled in this course may complete their practical legal training by undertaking a postgraduate course in PLT, such as the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

Course completion requirements

STM90691 Law stream STM90550 Core subjects 144cp 48cp

Course diagram



MAJ10023 Information and Media

48cp Total 240cp

Course program

The standard program shown is for a full-time student with law options.

All options shown are law options and are to be drawn from those on offer in CBK90383.

Students who commenced before 2012 should follow the course program in the archived handbook from their commencing year.

Year 1

Autumn semester

Select	one of the following:		8ср
58101	Understanding Communication	8cp	_
58103	Ideas in History	8cp	
58102	Language and Discourse	-	8cp
58125	Creative Information Design		8cp
Spring sen	nester		
70115	Perspectives on Law		8cp
70120	Legal Method and Research		6ср
58126	Information Discovery and Analysis		8cp

Year 2

Autumn s Selection 58103 58103 58127 70211	t one of the following: 3 Ideas in History 1 Understanding Communication	8cp 8cp	8cp 8cp 8cp
Spring se 70218 58220 70311	mester Criminal Law Designing for the Web Torts		8cp 8cp 8cp
Year 3			
Autumn s 70616 70317 58221	emester Australian Constitutional Law Real Property Social Informatics		8cp 8cp 8cp
Spring se	mester		
70327 58315	Commercial Law Storing Objects and Artifacts		6ср 8ср
Select 12 o	credit points of options		12cp
Year 4			
Autumn s	emester		
70417 70517	Corporate Law Equity and Trusts		8ср 8ср
58201	Communication and Cultural Industries and Practices		8ср
Spring se	mester		
70617	Administrative Law		8cp
58202 70717	Regulating Communication: Law, Ethics, Pol- Evidence and Criminal Procedure	ITICS	8ср 6ср
Year 5			
Autumn s	emester		
58301	Communication Practice Project		8cp
75421 75420	Civil Litigation Ethics and Professional Conduct		6ср 6ср
Select 6 credit points of options			6ср
Spring se	mester		

Levels of award

Select 24 credit points of options

The Bachelor of Laws may be awarded with first or second class honours, which does not require an additional honours year. Honours candidates must complete the research thesis within the law option component. The rules concerning the Bachelor of Laws with honours can be found in undergraduate course information (see page 96).

Honours

The Bachelor of Arts (Honours) in Communication (C09009) (see page 110) is offered on a one-year, full-time basis.

Professional recognition

This course satisfies the requirements for admission to the Supreme Court of NSW as a lawyer, provided students complete a practical legal training program, such as the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10264v1 Bachelor of Global Studies

Award(s): Bachelor of Global Studies (BGS)

UAC code: 600048 CRICOS code: 063940A

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Note(s)

The Organisational Learning major will not be available for enrolment after 2012. Students currently enrolled in this major will not be affected.

Overview

This degree focuses on learning about the global political, economic and cultural processes, institutions and theories involved in a particular area of interest. Students are able to draw connections between these global phenomena and concrete local practices in work and life, seeing the different opportunities and constraints that exist for different groups of people. The course requires students to engage in complex problem solving regarding global phenomena from several different perspectives. Students who wish to study overseas during this course can undertake a UTS exchange or study abroad placement that counts towards their degree, after their first year.

This course prepares graduates for careers and contributions in a world of social and cultural diversity being transformed by globalisation, allowing students to draw connections between global phenomena and local practices in work and life.

Course aims

The course aims to produce graduates that are capable of applying knowledge about global phenomena, institutions and theories in a professional context; have well developed communication and interpersonal skills, attitudes and values; have relevant practical and professional skills; and possess innovative thinking and research skills.

Career options

24cp

Career options exist in globally oriented workplaces that may include international advisory and management positions in governmental organisations such as foreign affairs or the UN, non-government agencies, and companies that operate globally.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Any two units of English and computer literacy.

Course duration and attendance

The course is offered on a three-year, full-time or six-year, part-time basis.

24cp

24cp

Course structure

- Students must complete 144 credit points, comprising: six core subjects (48 credit points)
- a major in business studies, communication, information technology, legal studies or management studies (48 credit points), and
- one of the following: two sub-majors (48 credit points), or
- a sub-major (24 credit points) and exchange semester (24 credit points), or
- a sub-major (24 credit points) and three electives (24 credit points), or
- an exchange semester (24 credit points) and three electives (24 credit points).

Industrial training/professional practice

Students undergo a domestic work placement within a workplace that deals with global issues and practices.

Course completion requirements

STM90655 Core subjects	48cp
CBK90566 Major choice	48cp
CBK90567 Sub-majors + electives	48cp
•	Total 144cp

Course program

Two examples are given below. The first is for the degree without an exchange semester. The second is for the degree with an exchange semester. The global studies core subjects are noted in each example and students may arrange major and sub-major subjects around these core subjects. Normally students do 24 credit points each semester but as this degree involves mixing 6-credit-point and 8-credit-point subjects it may be possible to vary the 24 credit point load as needed up to 28 credit points.

List of majors

MAJ02041	Information Technology	48cp
MAJ10019	Communication	48cp
MAJ08965	Business Studies	48cp
MAJ08966	Management Studies	48cp
MAJ09399	Legal Studies	48cp

List of sub-majors and electives			
SMJ09035	Language other than English	24cp	
SMJ09036	Specialist Country Studies	24cp	
SMJ10040	Communication	24cp	
STM90498	Exchange electives	24cp	
CBK90634	Electives	24cp	
SMJ09048	Transnational Studies	24cp	
SMJ09049	Reading Australia	24cp	
SMJ09050	Environmental Studies	24cp	
SMJ09051	Bodies, Genders, Rights	24cp	
SMJ09052	Aboriginal Studies	24cp	
SMJ10032	Media Studies	24cp	
SMJ10033	Screen Studies	24cp	
STM90499	Exchange electives	24cp	

Typical full-time program

Year 1

Autumn	semester
CTM IOOG	==

99201	Global Histories	8cp			
Select 18 cred	it points of options	18cp			
Spring semes	Spring semester				
STM90655					
99202	Global Work	8cp			
99203	Global Knowledges	8cp			
Select 12 cred	12cp				

Year 2

STM90655

Autumn semester

99204	Global Governance	8cp
Select 18 credit points of options		18cp
Spring seme	ster	

Select 24 credit points of options 24cp

Year 3

Autumn seme	ester	
STM90655 99205	Global Work Project	8ср
Select 18 cred	18cp	
Spring semes STM90655	ster	
99206	Global Problem Solving	8cp
Select 18 cred	it points of options	18cp

Typical full-time program with exchange semester

Autumn semester

CER COOKER		
STM90655 99201	Global Histories	8ср
Select 18 cred	lit points of options	18cp
Spring seme	ster	
STM90655		
99202	Global Work	8cp
99203	Global Knowledges	8cp
Select 12 cred	lit points of options	12cp

Year 2

Autumn se STM90655			
99204			8cp
Select 18 c	redit points from the following options:		18cp
CBK9	one of the following: 10566 Major choice 10567 Sub-majors + electives	48cp 48cp	
Spring ser	nester		
Select	one of the following:		24cp

Year 3

Autumn seme	ester	
STM90655 99205	Global Work Project	8cp
Select 18 cred	it points of options	18cp
Spring semes	ster	
STM90655		
99206	Global Problem Solving	8ср
Select 18 credit points of options		

Other information

www.internationalstudies.uts.edu.au

STM90498 Exchange electives

STM90499 Exchange electives

Further information is available from UTS: International Studies on: telephone +61 2 9514 1574 fax +61 2 9514 1578 email iisinfo@uts.edu.au

C10265v1 Bachelor of Design in Photography and Situated Media

Award(s): Bachelor of Design in Photography and Situated Media (BDesign)

UAC code: 602065 CRICOS code: 067912F

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Overview

The Bachelor of Design in Photography and Situated Media explores both traditional photographic practice and more contemporary dimensions of media and imaging in urban environments, such as for exhibitions, installations and interactive responses. The degree has a strong emphasis on the relationship between digital photography and its purpose in an environmental situation, focusing on the city, urban issues and the relationship of media to its context - social, physical, geographical, political, documentary, artistic and design motivations.

This course explores the image in terms of its cultural history, its material uses, and its social implications. Combining contemporary photography practice with emerging digital technologies, the course equips its graduates with the visual literacy and technical skills they require to hold leading positions in image-based design professions.

The course balances technical skills and creativity with ethics and theory. Students study alongside other design disciplines in projectbased studios. They encounter the city as a protagonist, employing images in a range of contexts, artistic, political and commercial, and exploring their role as part of the fabric of both collective memory and the built environment.

Course aims

Students graduate with skills of self-reflection in their practice, critical engagement with and responses to social and cultural issues, and a broad understanding of research practices. Students also gain an understanding of new technologies for image and multi-modal production, and new ways of approaching media in the environment.

Career options

Graduates of this course are able to engage in the broad scope of photographic and image-based careers. Career options include employment or self-employment in photography, art direction, fine art photography, exhibition media, installation, interactive media and advertising, photographic lighting, photographic technical and digital workflow practice, photojournalism, and commercial photography.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Applications

Local students

Non-recent school leavers must submit a personal statement directly to UTS: Design, Architecture and Building. Based on the statement, students are selected for interview, at which they are expected to attend with a portfolio of work.

International students

International students (excluding those studying in an Australian high school) must submit an application to UTS International (in person, by mail or online) or through an accredited UTS representative. The application must include a portfolio of up to 10 examples of the student's work demonstrating awareness, imagination and skills relevant to design (preferably provided on CD or DVD).

Course duration and attendance

The course is offered on a three-year, full-time basis.

Course structure

Students must complete 144 credit points made up of 96 credit points of core subjects (10 subjects), a 24-credit-point sub-major and 24 credit points of electives.

Course completion requirements

STM90707 Core subjects	54cp
CBK90814 Elective choice	24cp
CBK90086 Sub-major options	24cp
STM90580 Core subjects (PSM + SMD)	42cp
	Total 144cp

Course program

A typical program is shown below.

One sub-major option

Year 1

80027

Autumn semester

80065	Design Studio: Photographic Intervention	12cp
80064	Interaction-based Designing	6ср
Spring se	emester	
80037	Situated Media Culture and Context	6ср
80048	Photographic Manipulation	6ср
50846	Situated Media Installation Studio	12cp
Year 2		

6cp

6ср

Photographic History and Theory

	Autumn semester			
	80066	Design Studio: The Digital Image	12cp	
Select 6 credit points of options			6ср	
	Select 6 credit points of electives			
	Spring semester			
	80046	Smart Object Studio	12cp	
Select 6 credit points of options			6ср	
Select 6 credit points of electives			6ср	

Year 3

Autumn semester

50847	Visualisation and Sonification Studio	12cp
Select 6 c	redit points of options	6ср
Select 6 c	redit points of electives	6ср
Spring se 80031	emester Graduation Exhibition	12cp
Select 6 c	redit points of options	6ср

Other information

Select 6 credit points of electives

Further information is available from: Building 6 Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au www.dab.uts.edu.au

C10266v1 Bachelor of Design in Photography and Situated Media Bachelor of Arts in International Studies

Award(s): Bachelor of Design in Photography and Situated Media (BDesign)

Bachelor of Arts in International Studies (BA)

UAC code: 609285 CRICOS code: 068104G

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Overview

The Bachelor of Design in Photography and Situated Media explores both traditional photographic practice and more contemporary uses for urban media, such as exhibitions and installations. The degree has a strong emphasis on the relationship between digital photography, its purpose in an environmental situation, focusing on city and urban issues of media placement in an internationalised professional context.

This course not only recognises the technological change brought about by digital advances in photography, but responds to actual and potential directions in which technological change impacts upon photography, the production of imagery and their applications in the real and virtual worlds.

Accordingly, the course balances practical skills with theoretical underpinnings, ethics and creative speculation. All studio subjects are project based and rely on professional practice in their requirements, giving students the capacity to handle the expectations of professional life.

Course aims

This degree equips graduates to engage in the broad, international scope of photographic careers. Students graduate with skills of self-reflection in their practice, critical engagement with and responses to social and cultural issues, and a broad understanding of research practices.

Students also gain an understanding of new technologies for image and sound production, and new ways of approaching media in the environment. They also learn a different language and culture and travel overseas.

Career options

Career options include employment or self-employment in exhibition media, installation, interactive media and advertising, photographic lighting, photographic technical and digital workflow practice, photojournalism and traditional commercial photography.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

There are no prior language requirements for the international studies program (see page 87).

Course duration and attendance

The course is offered on a five-year, full-time basis. Students spend two semesters of study at a university or other higher education institution in the country of their major.

Course structure

Students must complete 240 credit points of study, comprising 144 credit points relating to photography and situated media and 96 credit points relating to international studies.

Overseas study

Students spend their fourth year of study at a university overseas.

Course completion requirements

CBK90086 Sub-major options	24cp
CBK90814 Elective choice	24cp
STM90707 Core subjects	54cp
CBK90005 Country major choice	96cp
STM90580 Core subjects (PSM + SMD)	42cp
,	Total 240cp

Honours

The Bachelor of Design in Photography and Situated Media (Honours) is available to eligible students with one additional year of full-time study, or equivalent part-time study.

Other information

Further information on the photography and situated media component is available from:

Building 6 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

Further information on the international studies component is available from the Building 1 Student Centre on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.internationalstudies.uts.edu.au

C10269v1 Bachelor of Sound and Music Design

Award(s): Bachelor of Sound and Music Design (BSoundMusDesign)

UAC code: 600006 CRICOS code: 068112G

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Overview

This course is the first of its kind in Australia to combine the domains of sound and music, and prepare students for new emerging domains that require the confluence of sound in design and interaction.

The course appeals to students with an interest in music, creative arts, design and technology, or multimedia. It converges creative practice (art thinking) and innovative solution (design thinking) through music and sound. It offers a unique, contemporary sound and music degree experience by merging art and technology across domains of composition, entertainment and audio technology, as well as combining features of music and audio engineering with interaction design.

Course aims

Students' learning outcomes include expression through creative practice, and technical fluency across a range of technologies.

Career options

Career options include working in sound design or production across a diverse range of media, communication and design outlets including architecture, animation, exhibition design, gaming, music, product design and web applications.

Specific examples include computer musicians, e-fashion designers, electronic music composers, information system (sonification) designers, installation artists/sound sculptors, interactive media artists, mobile/smart-phone and device audio interface designers, new media artists, new sonic interface designers, product audio designers and software interface designers.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Applications

Local students

Local students apply through the Universities Admissions Centre with first round applications closing 31 October, and final round closing 31 January each year.

International students

International students apply through UTS International.

Assumed knowledge

Any two units of English and computer literacy.

Course duration and attendance

The course is offered on a three-year, full-time basis.

Course structure

Students must complete 144 credit points, comprising 96 credit points of core subjects (includes 42 credit points of interdisciplinary studio subjects), 24 credit points of sub-majors and 24 credit points of electives.

Industrial training/professional practice

Studio-based and professional practice subjects are highly flexible, allowing students to foster their specialisation and interests through practical projects, critical review, documentation development and collaboration with industry professionals.

Course completion requirements

STM90225 Core subjects (SMD)	54cp
STM90580 Core subjects (PSM + SMD)	42cp
CBK90378 Sub-major choice (SMD)	24cp
CBK90380 Electives (SMD)	24cp
	Total 144cp

Course program

The typical program shown below is for a full-time student undertaking the no specified sub-major option.

No specified sub-major

Year 1

Autumn	semester
STM902	25

51M90225		
50830	Contemporary Music 1	6ср
50831	Sonology	6ср
50832	Electronic Music Composition	6cp
STM90580	•	1
80064	Interaction-based Designing	6ср

Spring semester

STM90225	.ci	
50833	Speech, Music, Sound	6ср
50834	Audio Production	6cp
STM90580	0	4.0
50846	Situated Media Installation Studio	12cp
Year 2		
Autumn seme:	ster	
STM90225		
50835	Audio Culture	6ср
CBK90379 50839	Sound for Time-based Media	6ср
		-
	t points of electives	12cp
Spring semest	er	
STM90225 50837	Contomposer Musica	600
STM90580	Contemporary Music 2	6ср
80046	Smart Object Studio	12cp
CBK90379	,	1
50843	Live Sound	6ср
Year 3		
Autumn seme	ster	
STM90580		
50847	Visualisation and Sonification Studio	12cp
CBK90379	Market Instrument Darker	(
50844	Musical Instrument Design	6ср
Select 6 credit	points of electives	6ср
Spring semest	ter	
STM90225		
50836	Sonic Art	6cp
50838 CBK90379	Professional Practice (SMD)	6ср
50842	Electro-acoustic Composition	6ср

6ср

Other information

Further information is available from:

Select 6 credit points of electives

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10270v1 Bachelor of Sound and Music Design Bachelor of Arts in International Studies

 $Award(s): Bachelor\ of\ Sound\ and\ Music\ Design\ (BSoundMusDesign)$

Bachelor of Arts in International Studies (BA)

UAC code: 609296

CRICOS code: 068113G

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5

Location: City campus

Overview

This course is the first of its kind to combine the domains of sound and music, and prepare students for new emerging domains that require the confluence of sound in design and interaction. The degree integrates the study of sound and music with a major in the language and culture of another country.

The course appeals to students with an interest in music, creative arts, design and technology or multimedia. It converges creative practice (art thinking) and innovative solution (design thinking) through music and sound. It offers a unique, contemporary sound and music degree experience by merging art and technology across domains of composition, entertainment and audio technology, as well as combining features of music and audio engineering with interaction design. The course may also appeal to students who want an international study experience or are aiming for an international career.

6ср

12cp

6ср

Course aims

Students' learning outcomes include expression through creative practice, and technical fluency across a range of technologies. The course also provides an opportunity to acquire knowledge and understanding of another language and culture.

Career options

Career options include working in sound design or production across a diverse range of media, communication and design outlets including architecture, animation, exhibition design, gaming, music, product design and web applications.

Specific examples include computer musicians, e-fashion designers, electronic music composers, information system (sonification) designers, installation artists/sound sculptors, interactive media artists, mobile/smart-phone and device audio interface designers, new media artists, new sonic interface designers, product audio designers and software interface designers. Career options are enhanced by international experience.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Admission to the combined degree is based on merit in accordance with faculty admission requirements. There is a range of entry levels to the various language and culture programs. Students are admitted to the international studies program with no guarantee of entry to a specific major, although every effort is made to meet students' preferences.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances

Applications

Local students

Local students apply through the Universities Admissions Centre with first round applications closing 31 October, and final round closing 31 January each year.

International students

International students apply through UTS International.

Assumed knowledge

Any two units of English and computer literacy. There are no prior language requirements for the international studies program (see page 87).

Course duration and attendance

The course is offered on a five-year, full-time basis. Students spend two semesters of study at a university or other higher education institution in the country of their major.

Course structure

Students must complete 240 credit points, comprising 144 credit points in sound and music design and 96 credit points in international studies. The sound and music design component is made up of 96 credit points of core subjects (includes 42 credit points of interdisciplinary studio subjects), 24 credit points of sub-majors and 24 credit points of electives. The Bachelor of Arts in International Studies requires undergraduates to study a region or country major over a minimum of three years. The Bachelor of Arts in International Studies is not offered as a separate degree, but is completed only in combination with the professional degree program.

Overseas study

Students spend their fourth year of study at a university overseas.

Industrial training/professional practice

Studio-based and professional practice subjects are highly flexible, allowing students to foster their specialisation and interests through practical projects, critical review, documentation development and collaboration with industry professionals.

Course completion requirements

STM90225	Core subjects (SMD)	54cp
STM90580	Core subjects (PSM + SMD)	42cp
CBK90378	Sub-major choice (SMD)	24cp
CBK90380	Electives (SMD)	24cp
CBK90005	Country major choice	96cp
	,	Total 240cp

Course program

The typical program shown below is for a full-time student undertaking the no specified sub-major in the sound and music design component and the Germany major as their international studies major. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major.

Germany major, No specified sub-major

Audio Culture

Year 1

STM90225

Autumn semester

50830	Contemporary Music 1	6ср
50831	Sonology	6ср
50832	Electronic Music Composition	6ср
STM90580	-	*
80064	Interaction-based Designing	6ср
Spring semes	ster	
STM90225		
50833	Speech, Music, Sound	6ср
50834	Audio Production	6ср

Situated Media Installation Studio

Year 2

STM90580

STM90225

Autumn semester

50835

50846

CBK90005		
97601	German Language and Culture 1	8cp
976001	Foundations in International Studies	8cp
CBK90379		_
50839	Sound for Time-based Media	6ср
Spring semest	ter	
CBK90379		
50843	Live Sound	6ср
CBK90005		•
97602	German Language and Culture 2	8ср
STM90580		
80046	Smart Object Studio	12cp

Year 3

Autumn semester

STM90580 50847	Visualisation and Sonification Studio	12cr
CBK90005		1
97603 CBK90379	German Language and Culture 3	8cp
50844	Musical Instrument Design	6cr
Spring semes	0	· · · r
CBK90005	ACT	
97604	German Language and Culture 4	8cr
976421	Contemporary Germany	8cp
STM90225		
50836	Sonic Art	6cp
CBK90379		
50842	Electro-acoustic Composition	6cp

Year 4

Autumn semester
CBK90005
977420 In-country Study 1: Germany

24cp

Spring semester

CBK90005

978420 In-country Study 2: Germany 24cp

Year 5

Autumn semester

STM90225 50837

Contemporary Music 2 6cp redit points of electives 12cp

Select 12 credit points of electives

Spring semester

STM90225 50838 Professional Practice (SMD)

50838 Professional Practice (SMD) 6cp Select 12 credit points of electives 12cp

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C10271v1 Bachelor of Design in Interior and Spatial Design

Award(s): Bachelor of Design in Interior and Spatial Design (BDesign)

UAC code: 602060 CRICOS code: 071631C

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3

Note(s)

The mid-year intake for this course is only for students transferring from C10057.

Overview

With a strong emphasis on creativity and technology, the Bachelor of Design in Interior and Spatial Design is the first university program of its kind in Australia. While interior design is an established profession, spatial design encompasses a range of connected practices that engage directly and creatively with space, from designing an exhibition to art directing a performance.

The course equips graduates with critical thinking, spatial intelligence, creativity and the skills to engage across the expanded field of interior and spatial design, to take up leading roles in industry. Uniquely, this course emphasises digital and analogue technologies of representation and fabrication, internationalisation and design practice.

Course aims

Through their study, students develop spatial intelligence and excellence in design practice. The program fosters a creative and explorative attitude toward the design process, underpinned by a reflective and critical engagement. In doing so, students generate a cohesive design approach where research and practice are consolidated in design outcomes.

The course cultivates a collaborative and global vision of design through a variety of interdisciplinary subjects, industry projects and international studios. Students develop the flexibility and confidence to work in the divergent and novel environments of contemporary practice.

The course has:

- an emphasis on creative, innovative spatial practice and international networks
- practice-oriented and research-integrated learning around specific projects
- engagement with innovative and creative technologies
- an emphasis on emerging design practices, and
- close links with creative practitioners.

Students are expected to develop an understanding of their individual design language and theoretical position in relation to historic and contemporary contexts.

Career options

Career options include commercial and residential interior design, interactive and responsive environment design, museum and exhibition design, production design for film and television, theatre and performance design, and visual and spatial branding.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a three-year, full-time basis. There are generally up to 20 contact hours a week. Lectures and studios are on campus during semester.

Course structure

Students must complete 144 credit points comprising 96 credit points of core subjects, a 24-credit-point sub-major and 24 credit points of electives.

Course completion requirements

STM90724 Core subjects	96ср
CBK90822 Sub-major choice	24cp
CBK90823 Elective choice	24cp
	Total 144cp

Course program

An example program is provided below.

Year 1

Autumn	semester
Autullill	Semester

Autumm Semester			
86004 86008 85503	Design Studio: Foundations in Spatial Lang Context: Image and Making (Representation Design Thinking		12cp 6cp 6cp
Spring ser	nester		
85502	Researching Design History		6ср
86005	Design Studio: Foundations in Spatial Desig	;n	12cp
86009	Context: Image and Making (Generative Methods)		6ср
Year 2	Methods)		оср
Autumn semester			
86529	Design Studio: Inhabitations		12cp
86113	Context: Experimentations		6ср
Select 6 cre	edit points of electives		6ср
Spring semester			
86114	Context: Inhabitations		6ср
Select 12 ct 86112 86530	redit points from the following options: Design Studio: Experimentations Design Studio: Performative Spaces 1	12cp 12cp	12cp

6cp

Select 6 credit points of electives

Year 3

Autumn semester

86221	Context: Explorations		6ср
Select 12 o 86531 86533	redit points from the following options: Design Studio: Explorations Design Studio: Performative Spaces 2	12cp 12cp	12cp
Select 6 credit points of electives		6ср	
Spring semester			
86222 86223	Context: Interdisciplinary Design Studio: Industry		6ср 12ср
Select 6 credit points of electives			6ср

Honours

The Bachelor of Design (Honours) in Interior and Spatial Design (C09055) (see page 120) is available to meritorious students with an additional one year of full-time study.

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

C10272v1 Bachelor of Design in Interior and Spatial Design Bachelor of Arts in International Studies

Award(s): Bachelor of Design in Interior and Spatial Design (BDesign) Bachelor of Arts in International Studies (BA) UAC code: 609280

CRICOS code: 071646G

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5

Note(s)

The mid-year intake for this course is only for students transferring from C10058.

Overview

With a strong emphasis on creativity and technology, the Bachelor of Design in Interior and Spatial Design is the first university program of its kind in Australia. While interior design is an established profession, spatial design encompasses a range of connected practices that engage directly and creatively with space, from designing an exhibition to art directing a performance.

The combined degree program in design and international studies provides students with additional practical skills, in particular those that make them aware of the international contexts of design, by providing the opportunity to acquire knowledge and understanding of a language and culture other than English.

The course equips graduates with critical thinking, creativity and the skills to engage across the expanded field of interior and spatial design, to take up leading roles in industry. Uniquely, this course emphasises digital technologies of representation and fabrication, internationalisation and design practice. Students also learn a different language and culture, and travel overseas.

Course aims

Through their study, students develop spatial intelligence and excellence in design practice. The program fosters a creative and explorative attitude toward the design process, underpinned by a reflective and critical engagement. In doing so, students generate a cohesive design approach where research and practice are consolidated in design outcomes.

The course cultivates a collaborative and global vision of design through a variety of interdisciplinary subjects, industry projects and international studios. Students develop the flexibility and confidence to work in the divergent and novel environments of contemporary practice.

The course has:

- an emphasis on creative, innovative spatial practice and international networks
- practice-oriented and research-integrated learning around specific projects
- engagement with innovative and creative technologies
- an emphasis on emerging design practices, and
- close links with creative practitioners.

Students are expected to develop an understanding of their individual design language and theoretical position in relation to historic and contemporary contexts.

The aim of this combined degree is to produce graduates who have developed perspectives and understandings that enable them to meet the professional demands of an internationalised marketplace.

Career options

Career options include commercial and residential interior design, interactive and responsive environment design, museum and exhibition design, production design for film and television, theatre and performance design, and visual and spatial branding

Career options are enhanced by international experience, making students more marketable to prospective employers.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances

Assumed knowledge

There are no prior language requirements for the international studies program (see page 87).

Course duration and attendance

The course is offered on a five-year, full-time basis. There are generally up to 20 contact hours a week. Lectures and studios are on campus during semester. Semesters are focused around design studios that incorporate advanced communication and technology skills with innovative design thinking and practice.

Students spend two semesters of study at a university or other higher education institution in the country of their major.

Course structure

Students must complete 144 credit points comprising 96 credit points of core subjects, a 24-credit-point sub-major, 24 credit points of electives in interior and spatial design, and 96 credit points of international studies subjects.

Overseas study

Students spend their fourth year of study at a university overseas.

Course completion requirements

CBK90822 Sub-major choice	24cp
CBK90823 Elective choice	24cp
STM90724 Core subjects	96cp
CBK90005 Country major choice	96cp
,	Total 240cp

Course program

Autumn comoctor

An example program is shown below for students commencing in Autumn semester and undertaking the course with the Germany major as the international studies major.

Vaar 1

Autumn se	emester	
86004 86008 85503	Design Studio: Foundations in Spatial Language Context: Image and Making (Representation) Design Thinking	12ср 6ср 6ср
Spring ser	nester	
86005 86009	Design Studio: Foundations in Spatial Design Context: Image and Making (Generative	12cp
85502	Methods) Researching Design History	6ср 6ср
Year 2		
Autumn se	emester	
976001 97601	Foundations in International Studies German Language and Culture 1	8ср 8ср
Select 6 cre	edit points of electives	6ср
Spring ser	mester	
97602	German Language and Culture 2	8cp
86114 86112	Context: Inhabitations Design Studio: Experimentations	6ср 12ср
Year 3		r
Autumn se	emester	
97603	German Language and Culture 3	8ср
86529	Design Studio: Inhabitations	12cp
86113	Context: Experimentations	6ср
Spring ser		0
97604 976421	German Language and Culture 4 Contemporary Germany	8cp 8cp
Select 6 cr	edit points of electives	6ср
Year 4	•	1
Autumn se	emester	
977420	In-country Study 1: Germany	24cp
Spring ser	mester	_
978420	In-country Study 2: Germany	24cp
Year 5		
Autumn se	emester	
86221 86531	Context: Explorations Design Studio: Explorations	6ср 12ср
	edit points of electives	6cp
Spring ser	1	· · · · ·
86222	Context: Interdisciplinary	6ср
86223	Design Studio: Industry	12cp
Select 6 cre	edit points of electives	6ср

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

Further information on the international studies component is available from the Building 1 Student Centre on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.internationalstudies.uts.edu.au

C10273v1 Bachelor of Design in Animation

Award(s): Bachelor of Design in Animation (BDesign)

UAC code: 602035 CRICOS code: 074703A

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3

Overview

This course offers a practice-based approach to learning animation and places strong emphasis on two key concepts: dramatisation (including performance and character) and VFX (visual effects) design. It teaches students how to conceptualise, visualise and realise animation across many different types of media. Central to the course is the development of a conceptual understanding of performance, narrative, characterisation, form, motion, time, space and aesthetics.

The course has a strong emphasis on drawing and image-making, dramatisation, physical movement and expression, teaching a full range of animation techniques and skills in industry-standard facilities.

Through a variety of interdisciplinary subjects, industry-focused projects and international studios, students develop the flexibility and confidence to work in the diverse environments of contemporary practice.

The course focuses on a set of animation studios that concentrate student learning through design projects. The animation studios integrate practice-oriented learning that allows time for a high level of individual presentation and in-depth consultation, complemented by a series of related context subjects that spans drawing and 2D animation practices to 3D and 2D digital practices.

Course aims

This course gives students skills and an outlook that extends beyond the university, and cultivates a collaborative and global vision of design. As part of the ongoing development of key industry innovators, the course aims to create new approaches to 2D and 3D animation and VFX design, enabling graduates to better develop, adapt and respond to a range of creative partnerships and collaborations.

Students develop an understanding of their individual design language and theoretical position in relation to historic and contemporary contexts.

Career options

This course opens up animation careers in film, television, and online and mobile application design. Career options include director, producer, storyboard artist, previsualisation (previs) artist, layout artist, concept artist, production designer, art director, character designer, animator, modeller, rigger, motion capture designer, lighting designer, matchmover/3D tracker, effects (FX) animator, roto designer, compositor, stop frame model animator (claymation), and animation scriptwriter.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a three-year, full-time or part-time equivalent basis.

C10274v1 Bachelor of Design in Animation Bachelor of Arts in International Studies

Award(s): Bachelor of Design in Animation (BDesign) Bachelor of Arts in International Studies (BA)

UAC code: 609258 CRICOS code: 074704M

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5

Overview

This course offers a practice-based approach to learning animation and places strong emphasis on two key concepts: dramatisation (including performance and character) and VFX (visual effects) design. It teaches students how to conceptualise, visualise and realise animation across many different types of media. Central to the course is the development of a conceptual understanding of performance, narrative, characterisation, form, motion, time, space and aesthetics.

The combined degree program provides students with additional practical skills, in particular skills that make them aware of the international contexts of animation design, by providing them with the opportunity to acquire knowledge of a language and culture other than English.

This course has a strong emphasis on drawing and image-making, dramatisation, physical movement and expression, teaching a full range of animation techniques and skills in industry-standard facilities.

Through a variety of interdisciplinary subjects, industry-focused projects and international studios, students develop the flexibility and confidence to work in the diverse environments of contemporary practice.

The course focuses on a set of animation studios that concentrate student learning through design projects. The animation studios integrate practice-oriented learning that allows time for a high level of individual presentation and in-depth consultation, complemented by a series of related context subjects that spans drawing and 2D animation practices to 3D and 2D digital practices.

The international experience enhances career options, making students more marketable to prospective employers.

Course aims

12cp

6ср

This course gives students skills and an outlook that extend beyond the university, and cultivate a collaborative and global vision of design. As part of the ongoing development of key industry innovators, the course aims to create new approaches to 2D and 3D animation and VFX design, enabling graduates to better develop, adapt and respond to a range of creative partnerships and collaborations.

Students develop an understanding of their individual design language and theoretical position in relation to historic and contemporary contexts.

This combined degree produces graduates who have developed perspectives and skills that enable them to meet the professional demands of an international marketplace.

Career options

This course opens up international animation careers in film, television, and online and mobile application design. Career options include director, producer, storyboard artist, previsualisation (previs) artist, layout artist, concept artist, production designer, art director, character designer, animator, modeller, rigger, motion capture designer, lighting designer, matchmover/3D tracker, effects (FX) animator, roto designer, compositor, stop frame model animator (claymation), and animation scriptwriter.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course completion requirements

STM90740 Core subjects	96ср
CBK90837 Elective choice	24cp
CBK90836 Sub-major choice	24cp
•	Total 144cp

Students must complete 144 credit points made up of 96 credit points

of core subjects, a 24-credit-point sub-major and 24 credit points of

Course program

Course structure

A typical full-time program is shown below.

Year 1

Autumn semester

82120 82121 85503	Animation Studio: Foundations in Animatic Language Context: 2D Animation Introduction Design Thinking	n	12cp 6cp 6cp
Spring ser	nester		
82220 82221 85502	Animation Studio: Foundations in Animatic Design Context: 3D Animation Introduction Researching Design History	n	12cp 6cp 6cp
Year 2			
Autumn se	emester		
82320 82321	Animation Studio: Narrative Investigations Context: 3D Animation Advanced		12ср 6ср
Select 6 cre	edit points of electives		6ср
Spring semester			
82420	Context: 2D Animation Advanced		6ср
Select 12 c 88211	redit points from the following options: Animation Studio: Narrative Experimentations	12ср	12cp

Animation Studio: VFX Design

Introduction

Select 6 credit points of electives

Voor 3

88201

Autumn comoctor

Autumin semester			
82520	Context: Design for Three-dimensional Cor Animation	nputer	6ср
Select 12 o 88212 88202	redit points from the following options: Animation Studio: Animation Practice Animation Studio: VFX Design Advanced	12cp 12cp	12cp
Select 6 credit points of electives			6ср
Spring semester			
82621	Context: Experimentations for Animation and VFX		6ср
88212	Animation Studio: Animation Practice		12cp
Select 6 credit points of electives			6ср

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a five-year, full-time basis.

Course structure

Students must complete 240 credit points made up of 144 credit points in animation and 96 credit points in international studies.

Course completion requirements

CBK90837 Elective choice	24cp
CBK90836 Sub-major choice	24cp
STM90740 Core subjects	96cp
CBK90005 Country major choice	96cp
,	Total 240cp

Course program

An example program is provided below for a student commencing in Autumn semester and undertaking the course with the Germany major as the international studies major.

Year 1

Year 1		
Autumn se 86004 86008 85503	emester Design Studio: Foundations in Spatial Language Context: Image and Making (Representation) Design Thinking	12cp 6cp 6cp
Spring ser	mester	
86005 86009	Design Studio: Foundations in Spatial Design Context: Image and Making (Generative	12cp
85502	Methods) Researching Design History	6ср 6ср
Year 2		
Autumn se	emester	
976001 97601	Foundations in International Studies German Language and Culture 1	8ср 8ср
Select 6 cre	edit points of electives	6ср
Spring ser	mester	-
97602	German Language and Culture 2	8ср
86114	Context: Inhabitations	6ср
86529	Design Studio: Inhabitations	12cp
Year 3		
Autumn se	emester	
97603	German Language and Culture 3	8cp
86112 86113	Design Studio: Experimentations Context: Experimentations	12ср 6ср
Spring ser	1	оср
97604	German Language and Culture 4	8ср
976421	Contemporary Germany	8cp
Select 6 cre	edit points of electives	6ср
Year 4	•	-
Autumn se	emester	
977420	In-country Study 1: Germany	24cp
Spring ser	mester	
978420	In-country Study 2: Germany	24cp
Year 5		
Autumn se	emester	
86221	Context: Explorations	6ср
86531	Design Studio: Explorations	12cp
Select 6 cre	edit points of electives	6ср
Spring ser		
86222	Context: Interdisciplinary	6cp

Other information

Further information on the animation component is available from the Building 6 Student Centre on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

Further information on the international studies component is available from the Building 1 Student Centre on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.internationalstudies.uts.edu.au

C10300v1 Bachelor of Human Movement

Award(s): Bachelor of Human Movement (BHM)

UAC code: 606020 CRICOS code: 008760F

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3

Location: Kuring-gai campus

Overview

The Bachelor of Human Movement meets the demand for professionals able to provide physical activity services to all sectors of the community.

The course provides students with a strong understanding of the processes and mechanisms underlying human movement, and with the knowledge and skills necessary to manage and plan human movement activities in leisure, sport, health and education contexts.

Students who complete this course are eligible for direct entry into the Bachelor of Teaching in Secondary Education (PDHPE major) (C08002) (see page 468) offered by UTS: Education. This course is formally accredited with the NSW Institute of Teachers and provides PDHPE students with the opportunity to complete two degrees.

Course aims

The Bachelor of Human Movement aims to provide graduates with the necessary skills to gain initial employment in the human movement field, as well as the analytical skills necessary for critical appraisal of developments in the field.

Career options

Career options include sports science, corporate health and wellbeing, strength and conditioning, personal training, physiotherapy (pathway), sports coaching, teaching personal development, health and physical education (PDHPE), outdoor education and facility management.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

This course is also available to mature-aged applicants where preference is given to those with vocational experience in the broad field of human movement.

Non-current school leavers should submit a personal statement to UTS by 30 November 2012. Further information is available from:

www.undergraduate.uts.edu.au/apply

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

86223

Design Studio: Industry

Select 6 credit points of electives

12cp

6ср

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics and any two units of English.

Credit recognition

After admission, students may apply for credit recognition in subjects in which they consider themselves eligible. Equivalence of subject matter is the main criterion for the award of credit recognition in a subject successfully completed at another institution.

Course duration and attendance

The course is available on a three-year, full-time basis. Students should be aware that they may be required to attend evening classes.

This course is currently offered at Kuring-gai campus only.

Course structure

Students must complete at least 144 credit points over 24 subjects.

Students choose four electives, appropriate to their chosen career, to complement the core subjects in the degree. Students studying to be a physical education teacher must take the performance studies subjects as electives.

Industrial training/professional practice

The course has an extensive compulsory internship program.

Course completion requirements

STM90178 Core subjects	120cp
Select one of the following:	24cp
CBK90190 Electives	24cp
STM90698 PDHPE stream	24cp
	Total 144cp

Course program

A typical course program shown below is for the non-PDHPE teacher option.

PDHPE students must choose Performance Studies 1,2 and 3 as their electives in year three.

Mechanics of Human Motion

Functional Kinesiology

Year 1

27111

27180

Autumn semester

2734291429	Sociocultural Concepts for Leisure, Sport and Tourism Physiological Bases of Human Movement	6cp 6cp
Spring se	emester	
27152	Measurement and Development of Physical	
	Capacity	6ср
27171	Applied Kinesiology	6ср
27252	The Sport Industry	6ср
27228	Lifespan Development	6ср

Year 2

Autumn semester

27155 27160 27331	Sport and Exercise Psychology Skill Acquisition	6cp 6cp 6cp
Spring se	mester	
27222	Exercise Prescription	6ср
27105	Nutrition for Health and Physical Activity	6ср
27227	Critical Issues in Health and Wellbeing	6ср
Select 6 credit points of electives 6cp		

Energetics of Human Movement

Year 3

Autumn semester

27308	Exercise Management for Special Populations	6ср
27341	Health Promotion	6ср
27350	Professional Internship (Capstone)	6ср
Select 6	credit points of electives	6cp

Spring semester

27174	Analysis of Human Motion	6ср
27173	Human Performance in Sport and Exercise	6ср
Select 12	2 credit points of electives	12cp

Honours

The Bachelor in Human Movement (Honours) (C09057) (see page 121) is available to eligible students with an additional year of full-time study, or two years of part-time study.

Further study at UTS

Students who complete this course are eligible for direct entry into the Bachelor of Teaching in Secondary Education (PDHPE major) (C08002) (see page 468) offered by UTS: Education. This course is formally accredited with the NSW Institute of Teachers and provides PDHPE students with the opportunity to complete two degrees.

Professional recognition

NSW Department of Education and Training (for those students who go on to complete the Bachelor of Teaching in Secondary Education).

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au www.nmh.uts.edu.au

C10301v1 Bachelor of Management in Sport and Exercise

Award(s): Bachelor of Management in Sport and Exercise (BM)

UAC code: 606030 CRICOS code: 032306F

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3

Location: Kuring-gai campus

Overview

6ср

6cp

6ср

This course develops graduates who possess a sound knowledge of the biophysical, behavioural and sociocultural foundations of sport and exercise, combined with the management skills and knowledge increasingly necessary in sport and exercise professions.

As the sport and exercise industry has undergone a period of substantial growth, the need for professionals with management skills and qualifications has become increasingly important. Graduates are equipped with the professional knowledge and skills to operate in one of Australia's most dynamic industries.

Career options

Career options include athlete management, corporate health and fitness, fitness consultant, health promotion, sport development manager, sport event manager, sport marketing, sport policy, sport scientist, sport venue manager.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Non-current school leavers are strongly advised to submit a personal statement directly to UTS by 30 November 2012. Further information is available from:

www.undergraduate.uts.edu.au/apply

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying

on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Mathematics and any two units of English.

Credit recognition

After admission, students may apply for credit recognition in subjects in which they consider themselves eligible. Equivalence of subject matter is the main criterion for credit recognition in a subject successfully completed at another institution.

Course duration and attendance

The course is taught on a full-time basis. The normal time for completion is three years. Students are required to attend some evening classes as part of their program of study.

This course is currently offered at Kuring-gai campus only.

Course structure

Students must complete 144 credit points comprising 24 subjects, made up of 20 core subjects and four elective subjects.

Industrial training/professional practice

The course has an extensive compulsory internship program and a number of industry-based projects.

Course completion requirements

STM90176 Core subjects	120ср
CBK90376 Sub-major/Four electives	24cp
,	Total 144cp

Course program

A typical course program is shown below.

Year 1		
Autumn se	emester	
21129 27111	Managing People and Organisations Mechanics of Human Motion	6ср 6ср
27180 27342	Functional Kinesiology Sociocultural Concepts for Leisure, Sport	6ср
	and Tourism	6ср
Spring ser	mester	
27152	Measurement and Development of Physical Capacity	6ср
27171	Applied Kinesiology	6cp
27252	The Sport Industry	6ср
22107	Accounting for Business Decisions A	6ср
Year 2		
Autumn se	emester	
27155	Research for Human Movement	6ср
27307	Sport Management	6ср
27175	Energetics of Human Movement	6cp
27160	Sport and Exercise Psychology	6ср
Spring ser	nester	
24108	Marketing Foundations	6ср
27105	Nutrition for Health and Physical Activity	6cp

Year 3

27222

Exercise Prescription

Select 6 credit points of electives

Select 12 credit points of electives

Autumn se	emester	
27308	Exercise Management for Special Populations	6ср
27324	Strategic Management in Leisure, Sport and	
	Tourism Organisations	6ср
27350	Professional Internship (Capstone)	6ср
Select 6 cre	edit points of electives	6ср
Spring sen	nester	
27161	Sport Marketing	6ср
27628	Law for Leisure, Sport and Tourism	6ср

Honours

The Bachelor of Management (Honours) in Sport and Exercise (C09058) (see page 122) is available to eligible students with an additional one year of full-time, or two years of part-time study.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au www.nmh.uts.edu.au

C10302v1 Bachelor of Human Movement Bachelor of Arts in International Studies

Award(s): Bachelor of Human Movement (BHM) Bachelor of Arts in International Studies (BA)

UAC code: 609080 CRICOS code: 026188B

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5

Location: Kuring-gai campus

Overview

The Bachelor of Human Movement Bachelor of Arts in International Studies is offered jointly by UTS: Health and UTS: International Studies. The degree integrates human movement studies with a major in the language and culture of another country.

Career options

Career options include exercise therapy and teaching of personal development, fitness and corporate health, facility management, health, physical education and outdoor education, sport coaching, sport development, sport management, and sports science and team conditioning. Career options are enhanced by international experience, making students more marketable to prospective employers.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Admission to the combined degree is on merit according to the admissions policy for the Bachelor of Human Movement (C10300) (see page 288). There is a range of entry levels to the various language and culture programs. Students are admitted to the international studies program with no guarantee of entry to a specific major, although every effort is made to meet students' preferences.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

6ср

6ср

12cp

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional $% \left(1\right) =\left(1\right) \left(1\right$ circumstances.

Assumed knowledge

There are no prior language requirements for the international studies program (see page 87).

Credit recognition

For credit recognition, see the Bachelor of Human Movement (C10300) (see page 288).

Course duration and attendance

The course is offered on a five-year, full-time basis. Students spend two semesters of study at a university or other higher education institution in the country of their major.

Course structure

Students must complete 240 credit points of study, comprising 144 credit points relating to human movement and 96 credit points relating to international studies. For full details of the Bachelor of Human Movement component of the combined degree, refer to the Bachelor of Human Movement (C10300) (see page 288). The Bachelor of Arts in International Studies requires undergraduates to study a region or country major over a minimum of three years. The Bachelor of Arts in International Studies is not offered as a separate degree, but is completed only in combination with the professional degree program.

Overseas study

Students spend their fourth year of study at a university overseas.

Industrial training/professional practice

This course has a professional internship component that includes a minimum of six weeks' work experience.

Course completion requirements

STM90178 Core subjects	120cp
CBK90005 Country major choice	96ср
Select one of the following:	24cp
CBK90190 Electives	24cp
STM90698 PDHPE stream	24cp
	Total 240cp

Course program

The typical program shown below is for a full-time student who has chosen the Germany major as their international studies major. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major.

Mechanics of Human Motion

Functional Kinesiology

Year 1

27111

27180

Autumn	semester

27342	Sociocultural Concepts for Leisure, Sport	· ·
04.400	and Tourism	6cp
91429	Physiological Bases of Human Movement	6ср
Spring se	mester	
27152	Measurement and Development of Physical	
	Capacity	6ср
27171	Applied Kinesiology	6cp
27228	Lifespan Development	6cp
27252	The Sport Industry	6cp
Year 2		

Year 2

27175

27155

Autumn semester

Foundations in International Studies German Language and Culture 1	8cp 8cp
nester	
Exercise Prescription	6ср
Nutrition for Health and Physical Activity	6ср
German Language and Culture 2	8ср
	German Language and Culture 1 mester Exercise Prescription Nutrition for Health and Physical Activity

Energetics of Human Movement

Research for Human Movement

Year 3

27227

97604

976421

Autumn semester

27331	Skill Acquisition	6ср
27160	Sport and Exercise Psychology	6ср
97603	German Language and Culture 3	8cp
Select 6 c	redit points of electives	6ср
Spring se	emester	
27174	Analysis of Human Motion	6ср

Critical Issues in Health and Wellbeing

German Language and Culture 4

Contemporary Germany

Year 4

Autumn s	emester	
977420	In-country Study 1: Germany	24cp
Spring se 978420	mester In-country Study 2: Germany	24cp
Year 5		
Autumn s	emester	
27341	Health Promotion	6ср
27350	Professional Internship (Capstone)	6ср
27308	Exercise Management for Special Populations	6ср
Select 6 cr	redit points of electives	6ср
Spring se	mester	
27173	Human Performance in Sport and Exercise	6ср
Select 12 o	credit points of electives	12cp

Further study at UTS

Students who complete the Bachelor of Human Movement with the PDHPE stream are guaranteed entry into the Bachelor of Teaching in Secondary Education (C08002) (see page 468) with a personal development, health and physical education (PDHPE) major. Students in the Bachelor of Teaching in Secondary Education are granted 72 credit points of exemptions in credit recognition and are required to complete 72 credit points of study which may be undertaken in one year of intensive full-time study. Refer to C08002 (see page 468) for further details.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.nmh.uts.edu.au

www.internationalstudies.uts.edu.au

C10303v1 Bachelor of Management in Sport and Exercise Bachelor of Arts in International Studies

Award(s): Bachelor of Management in Sport and Exercise (BM) Bachelor of Arts in International Studies (BA) UAC code: 609085 CRICOS code: 032369B

Commonwealth-supported place?: Yes Load credit points: 240

Course EFTSL: 5 Location: Kuring-gai campus

Note(s)

6ср

6cp

6ср

6ср

8cp

Students who commenced this program prior to 2007 should consult with the undergraduate course director on transition arrangements arising from changes to the Bachelor of Management in Sport and Exercise (C10301) (see page 289), which became effective in Autumn semester 2007.

Overview

This course is offered jointly by UTS: Health and UTS: International Studies. It integrates the study of sport and exercise management with a major in the language and culture of another country.

Career options

Career options include corporate health and fitness manager, events manager, exercise therapist, health and fitness consultant, sport coach, sport development officer, sport manager, sport marketing coordinator or sporting facility manager. Career options are enhanced by international experience, making students more marketable to prospective employers.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

Admission to the combined degree is on merit according to the admissions policy for the Bachelor of Management in Sport and Exercise (C10301) (see page 289). There is a range of entry levels to the various language and culture programs. Students are admitted to the international studies program with no guarantee of entry to a specific major, although every effort is made to meet students' preferences.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

There are no prior language requirements for the international studies program (see page 87).

Credit recognition

For credit recognition, see the Bachelor of Management in Sport and Exercise (C10301) (see page 289).

Course duration and attendance

The course is offered as a full-time program over five years. Students spend two semesters of study at a university or other higher education institution in the country of their major. The international studies component of the course is mainly offered at City campus.

Course structure

Students must complete 240 credit points of study, comprising 144 credit points relating to management in sport and exercise and 96 credit points relating to international studies. For full details of the Bachelor of Management in Sport and Exercise component of the combined degree, refer to the Bachelor of Management in Sport and Exercise (C10301) (see page 289). The Bachelor of Arts in International Studies requires undergraduates to study a region or country major over a minimum of three years. The Bachelor of Arts in International Studies is not offered as a separate degree, but is completed only in combination with the professional degree program.

Overseas study

Students spend their fourth year of study at a university overseas.

Industrial training/professional practice

This course has a professional internship component that includes a minimum of six weeks' work experience.

Course completion requirements

CBK90005 Country major choice	96ср
STM90176 Core subjects	120cp
CBK90190 Electives	24cp
	Total 240cp

Course program

The typical program shown below is for a full-time student who has chosen the Germany major as their international studies major. Other countries may be chosen from the list of majors in CBK90005; the program has the same structure but with subjects specific to the chosen country major.

Typical full-time program

Year 1

Autumn semester 21129 Managing People and Organisations 6cp 27180 Functional Kinesiology 6cp 27342 Sociocultural Concepts for Leisure, Sport and Tourism 6cp Spring semester 27152 Measurement and Development of Physical Capacity 6cp 27342 Accounting for Business Decisions A 6cp 27252 The Sport Industry 6cp 27171 Applied Kinesiology 6cp 27175 Energetics of Human Movement 6cp 27307 Sport Management 6cp 27308 Semester 27125 Energetics of Human Movement 6cp 27307 Sport Management 6cp 27308 Semester 27120 Exercise Prescription 6cp 27105 Nutrition for Health and Physical Activity 6cp 24108 Marketing Foundations 6cp 27105 Nutrition for Health and Physical Activity 6cp 24108 Marketing Foundations 6cp 27105 Sport and Exercise Psychology 6cp 27155 Research for Human Movement 6cp 27308 Exercise Management for Special Populations 6cp 27603 German Language and Culture 2 8cp 27288 Exercise Management for Special Populations 6cp 27603 German Language and Culture 3 8cp 276042 Law for Leisure, Sport and Tourism 6cp 276042 Contemporary Germany 8cp 28clect 6 credit points of electives 6cp 27324 Strategic Management in Leisure, Sport and Tourism 97642 In-country Study 1: Germany 24cp 27324 Strategic Management in Leisure, Sport and Tourism 978420 In-country Study 2: Germany 6cp 27324 Strategic Management in Leisure, Sport and Tourism Organisations 6cp 27324 Strategic Management in Leisure, Sport and Tourism Organisations 6cp 27350 Professional Internship (Capstone) 6cp 27350 Professional Internship (Capstone) 6cp 27350 Professional Internship (Capstone) 6cp 27351 Sport Marketing 6cp 27352 Spring semester 27361 Sport Marketing 6cp 27350 Fort Marketing 6cp 27350 Fort Marketing 6cp 27350 Fort Marketing 6cp 27350 Fort Marketing 6cp	Year 1			
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Spring semester 27161 Sport Marketing 6cp Select 12 credit points of electives 12cp Other information	Select 6 cr			
27161 Sport Marketing 6cp Select 12 credit points of electives 12cp Other information		1	1	
Other information			6ср	
	Select 12 c	redit points of electives	12cp	
	Other information			
			ntre on:	

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

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Ask UTS www.ask.uts.edu.au

www.nmh.uts.edu.au

www.internationalstudies.uts.edu.au

6cp

6ср

C10304v1 Bachelor of Design in **Integrated Product Design**

Award(s): Bachelor of Design in Integrated Product Design (BDesign)

UAC code: 602050 CRICOS code: 077331M

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Overview

Integrated product design expands on the traditional field of industrial design to reflect the changed realities of the globalised design profession. The course offers a practice-based approach to learning through the integration of digital and analogue technologies across the broad field of integrated product design, as well as the potential for specialisation within highly contemporary and innovative integrated product design practices.

With a strong emphasis on creativity and technology, graduates move seamlessly from the design of material objects to the design of associated services together with the skills to maintain a specialist role within an interdisciplinary team. Structured around design studios, this dynamic course allows specialisations such as interaction design, smart object design, interactive product design, system design. The design studio integrates practice-orientated learning around specific projects.

Course aims

The course aims to support and foster a creative and explorative attitude toward the design process. It equips its graduates with the ability to effectively function on the international stage with ease and success, with the communication skills that allow them to operate across cultures, languages and location.

The course takes an experimental and hybrid approach to the integration of networked digital technologies into the design of products and systems. Students gain an integrated approach and understanding of how to conceptualise, visualise and realise products, services and/or systems as a design professional.

Innovation and experimentation is underpinned by theoretical, historical and contextual studies to facilitate students' development in both the conceptual and technical design skills required to work within the broader integrated product design field, and its specialist areas.

Throughout each stage, the course requires students to develop an understanding of their own design language and theoretical position in relation to historic and contemporary contexts.

Career options

Career options include corporate or in-house designer, design consultant, production manager, industrial designer, interaction designer, designer of smart objects, interactive product designer, system designer, furniture, product or accessories designer, design communication professional, design researcher, commercialisation professional.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

 $The \, English \, proficiency \, requirement \, for \, international \, students \, or \, local \,$ applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

This course is offered on a three-year, full-time basis.

Course completion requirements

STM90788 Core subjects	96ср
CBK90242 Sub-major/Electives (DAB)	24cp
CBK90871 Sub-major options	24cp
, •	Total 144cp

Course program

A typical program is shown below.

Inside Design

Year 1

84610

Διι	tum	n	SPI	med	ster

84111 84112 85503	Understanding Three-dimensional Form Integrated Product Design Communications Design Thinking	6cp 6cp 6cp
Spring ser	mester	
84611	Design Thinking in Integrated Product Design	6ср
84114	Integrated Product Design Digital	
	Communication	6ср
84115	Informing Integrated Product Design	6ср
85502	Researching Design History	6cp

Year 2

Autumn semester

84711 84710	User-Centred Design Research Methods in Integrated Product De	esign	12cp 6cp
Select 6 cre	edit points of electives		6ср
Spring ser	nester		
85202	Interdisciplinary Lab A		6ср
	redit points from the following options: Sub-major options	24cp	12cp
Select 6 cre	edit points of electives		6ср

Autumn semester

85302 84811	Interdisciplinary Lab B Smart Design		6ср 12ср
Select 6 cr	edit points of electives		6ср
Spring ser	mester		
84134	Integrated Product Design Professional		
	Communication		6ср
	redit points from the following options: Sub-major options	24cp	12cp

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

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Select 6 credit points of electives

www.dab.uts.edu.au

C10305v1 Bachelor of Design in **Integrated Product Design Bachelor** of Arts in International Studies

Award(s): Bachelor of Design in Integrated Product Design (BDesign) Bachelor of Arts in International Studies (BA)

UAC code: 609270 CRICOS code: 077333J

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Overview

Integrated product design expands on the traditional field of industrial design to reflect the changed realities of the globalised design profession. The course offers a practice-based approach to learning through the integration of digital and analogue technologies across the

broad field of integrated product design, as well as the potential for specialisation within highly contemporary and innovative integrated product design practices.

The combined degree provides additional practical skills, in particular skills that make students aware of the international contexts of design, by providing them with the opportunity to acquire knowledge of a language and culture other than English.

With a strong emphasis on creativity and technology, graduates move seamlessly from the design of material objects to the design of associated services together with the skills to maintain a specialist role within an interdisciplinary team.

Structured around design studios, this dynamic course allows specialisations like interaction design, smart object design, interactive product design, and system design. The design studio integrates practice-orientated learning around specific projects.

The international experience enhances career options, making students more marketable to prospective employers.

Course aims

The course aims to support and foster a creative and explorative attitude toward the design process. It equips its graduates with the ability to effectively function on the international stage with ease and success, with the communication skills that allow them to operate across cultures, languages and location.

The course takes an experimental and hybrid approach to the integration of networked digital technologies into the design of products and systems. Students form an integrated approach and understanding of how to conceptualise, visualise and realise products, services and/or systems as a design professional.

Innovation and experimentation is underpinned by theoretical, historical and contextual studies to facilitate students' development in both the conceptual and technical design skills required to work within the broader integrated product design field, and its specialist areas.

Throughout each stage, the course requires students to develop an understanding of their own design language and theoretical position in relation to historic and contemporary contexts.

A further two years of study introduce and consolidate the learning of a language and culture other than English.

Career options

Career options include corporate or in-house designer, design consultant, production manager, industrial designer, interaction designer, designer of smart objects, interactive product designer, system designer, furniture, product or accessories designer, design communication professional, design researcher, commercialisation professional.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a five-year, full-time or part-time equivalent basis.

Course completion requirements

STM90788 Core subjects	96ср
CBK90242 Sub-major/Electives (DAB)	24cp
CBK90871 Sub-major options	24cp
CBK90005 Country major choice	96cp
• •	Total 240cp

Course program

A typical program is shown below.

Year 1

Autumn se	emester		
84610	Inside Design	6ср	
84111	Understanding Three-dimensional Form	6ср	
84112	Integrated Product Design Communications		
85503	Design Thinking	6ср	
Spring sen			
84611 84114	Design Thinking in Integrated Product Design Integrated Product Design Digital	6ср	
0.444	Communication	6ср	
84115 85502	Informing Integrated Product Design Researching Design History	6ср 6ср	
Year 2			
Autumn se	mester		
97601	German Language and Culture 1	8ср	
976001	Foundations in International Studies	8cp	
84710	Research Methods in Integrated Product Desig		
Select 6 cre	edit points of electives	6ср	
Spring sen	nester	•	
97602	German Language and Culture 2	8ср	
Select 12 cr	redit points from the following options:	12cp	
CBK90871	Sub-major options 24		
Select 6 cre	edit points of electives	6ср	
Year 3			
Autumn se	mester		
84711 97603	User-Centred Design German Language and Culture 3	12ср 8ср	
Select 6 cre	edit points of electives	6ср	
Spring sen		•	
85202	Interdisciplinary Lab A	6ср	
97604	German Language and Culture 4	8cp	
976421	Contemporary Germany	8cp	
Select 6 cre	edit points of electives	6ср	
Year 4			
Autumn se	mester		
977420	In-country Study 1: Germany	24cp	
Spring sen	nester	_	
978420	In-country Study 2: Germany	24cp	
Year 5			
Autumn se	mester		
85302	Interdisciplinary Lab B	6ср	
84811	Smart Design	12cp	
Spring sen	nester	_	
84134	Integrated Product Design Professional		
	Communication	6ср	
Select 12 cr	redit points from the following options:	12cp	
		ср	
	* *	-	

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

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6ср

6ср

C10306v1 Bachelor of Design in Fashion and Textiles

Award(s): Bachelor of Design in Fashion and Textiles (BDesign)

UAC code: 602040 CRICOS code: 077334G

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3

Location: City and Kuring-gai campuses

Overview

The Bachelor of Design in Fashion and Textiles has been designed to enable students to create pathways of learning as they progress through the degree with a flexible and diverse approach to learning. Emphasis throughout this practice-based course is placed on value, innovation, creativity and responsible practice. Students should develop flexibility and confidence in working in and across the diverse environments that constitute contemporary practice.

The course centres around design studios which integrate practice-orientated learning around specific projects, and parallels the process that professionals undertake in industry. Professional practice is embedded in all fashion studios and builds on contemporary industry practice within both local and global markets. Projects are developed through both individual and group work, to simulate design team environments.

Course aims

The course is designed to provide students with an outlook and ambition that extends beyond the university, cultivating a collaborative and global vision of design. Central to the course is the integration of theory and practice in relation to fashion and textile design. Students are expected to develop an understanding of the formation and application of their own individual design language and theoretical position in relation to historical and contemporary contexts.

The first year introduces design principles and challenges design thinking. In the second year students have the opportunity to diversify according to their area of interest and strength in areas including innovation in material research, types of technologies, engaging with digital design, methods of construction, approaches to either flat patternmaking or drape.

The fashion studio and professional practice subjects in third-year have been designed to extend students' understanding of global fashion and to provide students with a choice of design projects and areas of specialisation.

Career options

Career options include buyer, fashion editor, fashion or textile designer, illustrator or stylist. Some students start their own business, while others work within an established company. Graduates may also continue studies at postgraduate level.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a three-year, full-time or part-time equivalent basis.

Course completion requirements

STM90790 Core subjects 120cp CBK90242 Sub-major/Electives (DAB) 24cp Total 144cp

Course program

A typical program is shown below.

Thinking Fashion

Studio: Bespoke Fashion

Year 1

83119

83621

Aut	umn	sem	ester

83622 85503	Construction 1 Studio: Fashion Illustration Fundamentals 1 Design Thinking	6cp 6cp 6cp
Spring ser	mester	
83231	Fashion Cultures	6ср
83882	Foundations in Patternmaking and	1
	Construction 2	6ср
83233	Fashion Illustration Fundamentals 2	6ср
85502	Researching Design History	6ср

Studio: Foundations in Patternmaking and

Year 2

83343

Autumn semester

83341	Fashion, Gender and Identity	6ср
83721	Studio: Fashion Illustration Exploration	6ср
Select 6 cr	edit points of electives	6ср
Spring ser	mester	
83722	Studio: Body Mapping	6ср
83723	Textile Lab: New Technologies	6ср
85202	Interdisciplinary Lab A	6cp
Select 6 credit points of electives		6ср

Year 3

Autumn semester

8	3821	Studio: Men's Collection	12cp
8	5302	Interdisciplinary Lab B	6cp
S	elect 6 cr	edit points of electives	6ср
S	pring se	mester	
8	3822	Studio: Women's Collection	12cp
8	3823	Fashion and Textiles Professional Practice	6cp
Select 6 credit points of electives		6ср	

Other information

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C10307v1 Bachelor of Design in Fashion and Textiles Bachelor of Arts in International Studies

Award(s): Bachelor of Design in Fashion and Textiles (BDesign)

Bachelor of Arts in International Studies (BA)

UAC code: 609260 CRICOS code: 077338D

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Overview

The Bachelor of Design in Fashion and Textiles has been designed to enable students to create pathways of learning as they progress through the degree with a flexible and diverse approach to learning. Emphasis throughout this practice-based course is placed on value, innovation, creativity and responsible practice. Students should develop flexibility and confidence in working in and across the diverse environments that constitute contemporary practice.

The combined degree provides additional practical skills, in particular skills that make them aware of the international contexts of design, by providing them with the opportunity to acquire knowledge of a language and culture other than English.

The course centres around design studios which integrate practiceorientated learning around specific projects, and parallel the process that professionals undertake in industry.

Professional practice is embedded in all fashion studios and builds on contemporary industry practice within both local and global markets. Projects are developed through both individual and group work, to simulate design team environments.

The international experience enhances career options, making students more marketable to prospective employers.

Course aims

The course is designed to provide students with an outlook and ambition that extends beyond the university, cultivating a collaborative and global vision of design. Central to the course is the integration of theory and practice in relation to fashion and textile design. Students are expected to develop an understanding of the formation and application of their own individual design language and theoretical position in relationship to historical and contemporary contexts.

The first year introduces design principles and challenges design thinking. Within the second year students have the opportunity to diversify according to their area of interest and strength in areas including innovation in material research, types of technologies, engaging with digital design, methods of construction, approaches to either flat patternmaking or drape.

The fashion studio and professional practice subjects in third year have been designed to extend students' understanding of global fashion and to provide students with a choice of design projects and areas of specialisation.

A further two years of study introduce and consolidate the learning of a language and culture other than English.

Career options

Career options include buyer, fashion editor, fashion or textile designer, illustrator or stylist. Some students start their own business, while others work within an established company. Graduates may also continue studies at postgraduate level.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a five-year, full-time or part-time equivalent basis.

Course completion requirements

CBK90005 Country major choice	96cp
CBK90242 Sub-major/Electives (DAB)	24cp
STM90790 Core subjects	120cp
,	Total 240cp

Course program

A typical program is shown below.

Year 1

Year 1		
Autumn se	emester	
83119 83621	Thinking Fashion Studio: Foundations in Patternmaking and	6ср
	Construction 1	6ср
83622	Studio: Fashion Illustration Fundamentals 1	6ср
85503	Design Thinking	6ср
Spring sen	nester	
83231	Fashion Cultures	6ср
83882	Foundations in Patternmaking and	(
83233	Construction 2 Fashion Illustration Fundamentals 2	6cp 6cp
85502	Researching Design History	6ср
Year 2		1
Autumn se	emester	
83343	Studio: Bespoke Fashion	6ср
976001	Foundations in International Studies	8cp
97601	German Language and Culture 1	8ср
Select 6 cre	edit points of electives	6ср
Spring sen	nester	
83723	Textile Lab: New Technologies	6ср
85202	Interdisciplinary Lab A	6ср
97602	German Language and Culture 2	8ср
Select 6 cre	edit points of electives	6ср
Year 3		
Autumn se	emester	
83341	Fashion, Gender and Identity	6ср
83721	Studio: Fashion Illustration Exploration	6cp
97603	German Language and Culture 3	8ср
Select 6 cre	edit points of electives	6ср
Spring sen		
83722	Studio: Body Mapping	6ср
97604	German Language and Culture 4	8cp
976421	Contemporary Germany	8cp
	edit points of electives	6ср
Year 4		
Autumn se		
977420	In-country Study 1: Germany	24cp
Spring sen	nester	
978420	In-country Study 2: Germany	24cp
Year 5		
Autumn se	emester	
83821	Studio: Men's Collection	12cp
85302	Interdisciplinary Lab B	6ср
Spring sen		
02022	Ctudio, Momon's Collection	1200

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

Fashion and Textiles Professional Practice

12cp

6cp

or +61 2 9514 1222

83822

83823

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Studio: Women's Collection

C10308v1 Bachelor of Design in **Visual Communication**

Award(s): Bachelor of Design in Visual Communication (BDesign)

UAC code: 602070 CRICOS code: 077339C

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3 Location: City campus

Overview

The Bachelor of Design in Visual Communication offers a practicebased approach to learning visual communication. Throughout the course, the creation of new design solutions is driven by rigorous and critical exploration of methods, materiality and technology, and understanding the influence of globalisation, digitisation, complexity and interactivity.

The course centres around design studios which integrate practiceorientated learning around specific projects, and parallel the process that professionals undertake in industry.

The course is structured to allow students to focus, particularly in its second half, on areas of specialisation. Throughout all stages, the course requires students to develop an understanding of their own individual design language and theoretical position in relationship to historic and contemporary contexts.

Course aims

The course aims to support and foster a creative and explorative attitude toward the design process where research and practice are consolidated in design outcomes. It cultivates a collaborative and global vision of design. Through a variety of interdisciplinary subjects, industry projects and international studios, students will develop the flexibility and confidence to work in the divergent and novel environments of contemporary visual communication practice.

Throughout the degree students progress through studies and skills development in the area of form, content, context and concept. First year introduces the key formal concerns of visual communication, including image, typography, composition and hierarchy. Second year subjects engage more closely with content and the interdependencies of form and content. A contextual understanding of design as an outwardly focused activity is developed in third year, with closer studies of audience, society, ethics and industry.

Career options

Career options include design roles in graphic design, publishing, advertising, animation, film, television, exhibitions, government agencies, not-for-profit and corporate sectors.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a three-year, full-time basis. Students may study this program part time after consultation with the program

Course completion requirements

STM90791 Core subjects CBK90242 Sub-major/Electives (DAB)

120cp 24cp Total 144cp

Course program

A typical program is shown below.

Year 1

Autumn semester

87631 87100 85503	Design Studio: Text and Image 1 VC Project: Ways of Seeing Design Thinking	12cp 6cp 6cp
Spring s	semester	
87632	Design Studio: Text and Image 2	12cp
87222	VC Project: Symbols and Systems	6cp
85502	Researching Design History	6cp

Year 2

Autumn semester

87731 87441	Design Studio: Visual Experimentations VC Studies: Contexts of Visual Communication	12ср 6ср
Select 6 cr	edit points of electives	6ср
Spring ser	mester	
87443	VC Project: Typography in Context	6ср
87445	VC Project: Visualising Experience	6ср
85202	Interdisciplinary Lab A	6ср
Select 6 cr	edit points of electives	6ср

Year 3

Autumn semester			
87831	Design Studio: Visual Communication and Strategic Design	12cp	
85302	Interdisciplinary Lab B	6cp	
Select 6 credit points of electives			
Spring semester			
87832 87665	Design Studio: Design Practice VC Project: The Community	12ср 6ср	
Select 6 credit points of electives			

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

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www.dab.uts.edu.au

C10309v1 Bachelor of Design in Visual Communication Bachelor of Arts in International Studies

Award(s): Bachelor of Design in Visual Communication (BDesign)

Bachelor of Arts in International Studies (BA)

UAC code: 609290 CRICOS code: 077341J

Commonwealth-supported place?: Yes

Load credit points: 240 Course EFTSL: 5 Location: City campus

Overview

The Bachelor of Design in Visual Communication offers a practicebased approach to learning visual communication. Throughout the course, the creation of new design solutions is driven by rigorous and critical exploration of methods, materiality and technology, and understanding the influence of globalisation, digitisation, complexity

The combined degree provides additional practical skills, in particular skills that make students aware of the international contexts of design, by providing them with the opportunity to acquire knowledge of a language and culture other than English.

The course centres around design studios which integrate practiceorientated learning around specific projects, and parallel the process that professionals undertake in industry.

The course is structured to allow students to focus, particularly in its second half, on areas of specialisation. Throughout all stages, the course requires students to develop an understanding of their own individual design language and theoretical position in relationship to historic and contemporary contexts.

The international experience enhances career options, making students more marketable to prospective employers.

Course aims

The course aims to support and foster a creative and explorative attitude toward the design process where research and practice are consolidated in design outcomes. It cultivates a collaborative and global vision of design. Through a variety of interdisciplinary subjects, industry projects and international studios, students develop the flexibility and confidence to work in the divergent and novel environments of contemporary visual communication practice.

Throughout the degree students progress through studies and skills development in the area of form, content, context and concept. First year introduces the key formal concerns of visual communication, including image, typography, composition and hierarchy. Second year subjects engage more closely with content and the interdependencies of form and content. A contextual understanding of design as an outwardly focused activity is developed in third year, with closer studies of audience, society, ethics and industry.

A further two years of study introduce and consolidate the learning of a language and culture other than English.

Career options

Career options include design roles in graphic design, publishing, advertising, animation, film, television, exhibitions, government agencies, not-for-profit and corporate sectors.

Admission requirements

Applicants must have completed an Australian Year 12 qualification, Australian Qualifications Framework Diploma, or equivalent Australian or overseas qualification at the required level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a five-year, full-time basis. Students may study this program part time after consultation with the program director. Students spend two semesters of study at a university or other higher education institution in the country of their major.

Course completion requirements

our or completion requirements	
STM90791 Core subjects	120cp
CBK90005 Country major choice	96cp
CBK90242 Sub-major/Electives (DAB)	24cp
	Total 240cp

Course program

A typical program is shown below.

Year 1

Autumn semester

87631	Design Studio: Text and Image 1	12cp
87100	VC Project: Ways of Seeing	6cp
85503	Design Thinking	6cp
Spring s	emester	
87632	Design Studio: Text and Image 2	12cp
87222	VC Project: Symbols and Systems	6cp
85502	Researching Design History	6cp

Year 2

Autumn s	emester	
976001	Foundations in International Studies	8ср
97601	German Language and Culture 1	8cp
87441	VC Studies: Contexts of Visual Communication	6ср
Select 6 cr	edit points of electives	6ср
Spring ser	nester	
97602	German Language and Culture 2	8ср
87443	VC Project: Typography in Context	6ср
87445	VC Project: Visualising Experience	6ср
Select 6 cr	edit points of electives	6ср
Year 3		
Autumn s	emester	
87831	Design Studio: Visual Communication and	
	Strategic Design	12cp
97603	German Language and Culture 3	8ср
Select 6 cr	edit points of electives	6ср
Spring ser	nester	
97604	German Language and Culture 4	8ср
976421	Contemporary Germany	8cp
85202	Interdisciplinary Lab A	6ср
Select 6 cr	edit points of electives	6ср
Year 4		
Autumn s	emester	
977420	In-country Study 1: Germany	24cp
Spring ser	nester	
978420	In-country Study 2: Germany	24cp
Year 5		
Autumn s	emester	
87731	Design Studio: Visual Experimentations	12cp
85302	Interdisciplinary Lab B	6cp
Spring ser	mester	

Other information

87832

87665

Further information on the visual communication component is available from the Building 6 Student Centre on:

12cp

6ср

Design Studio: Design Practice

VC Project: The Community

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

Further information on the international studies component is available from the Building 1 Student Centre on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.internationalstudies.uts.edu.au

C20049v1 Diploma in Information Technology Professional Practice

Award(s): Diploma in Information Technology Professional Practice (DipInfTechProfPrac)

CRICOS code: 062709E

Commonwealth-supported place?: Yes

Load credit points: 12 Course EFTSL: 0.25 Location: City campus

Overview

The Diploma in Information Technology Professional Practice is not a separate course in its own right but is taken in conjunction with UTS: Information Technology's undergraduate bachelor programs.

Students must obtain suitable employment and work for a minimum of nine months full time and must undertake the academic subjects related to their industrial training. International students can work full-time for the duration of the diploma.

The diploma is extremely beneficial for students relating their final year of coursework to the practical needs of the IT industry. This experience is invaluable when applying for graduate career positions.

Course aims

The course aims to develop students' technical and generic work skills in a workplace environment. It also enables students to develop lifelong learning skills and gain a better understanding of the relationship between theory and practice.

Career options

For career options, refer to the main degree undertaken. The diploma increases students' employability by providing at least nine months' work experience before graduation. Many students continue working with their industrial training employer and finish their studies part time.

This course is normally available to students who are currently enrolled in the Bachelor of Science in Information Technology (C10148) (see page 193), Bachelor of Science in Information Technology Bachelor of Arts in International Studies (C10239) (see page 238), Bachelor of Business Bachelor of Science in Information Technology (C10219) (see page 226), Bachelor of Science in Information Technology Bachelor of Laws (C10245) (see page 252), Bachelor of Mathematics and Computing (C10158) (see page 201), Bachelor of Science in Games Development (C10229) (see page 235), Graduate Diploma of Interactive Multimedia (C07078) (see page 412) and Master of Interactive Multimedia (C04158) (see page 333).

Students must have progressed to a particular stage of their program of study and completed certain subject requirements before being admitted concurrently to the Diploma in Information Technology Professional Practice. Students who have completed all subjects in their course may still enrol in the diploma, but cannot graduate from their course until they finish the diploma.

Non-UTS students who hold an ACS Foundation work integrated learning scholarship may also apply for the Diploma in Information Technology Professional Practice.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.0 overall with a writing score of 6.0; or TOEFL: paper based: 500-549 overall with TWE of 4.5, internet based: 60-78 overall with a writing score of 21; or DEEP: C; or PTE: 50-57; or CAE: 52-57

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Applications

Application closing dates are:

- 25 February 2013 (for Autumn semester 2013)
- 29 July 2013 (for Spring semester 2013).

Local students

Students must complete the Diploma in Information Technology Professional Practice direct application form available at: http://datasearch2.uts.edu.au/feit/it/undergraduate/experience/

International students

Students must complete the international student undergraduate application form available from UTS International at: www.uts.edu.au/international/prospective/studying/apply

Course duration and attendance

Students are required to obtain approved, full-time employment within the IT industry for a minimum of nine months and complete two semesters of academic study.

Students are required to notify the faculty of any changes to their circumstances that affect their industrial training, including notification of the start and finish dates of their industrial training.

Course structure

In addition to undertaking industrial training, students are required to complete 12 credit points comprising the two industrial training subjects below.

Course completion requirements

31136	Preparation for and Review of IT Experience	6ср
31137	IT Experience 1	0cp
31138	Review of IT Experience	6cp
31139	IT Experience 2	0cp
	1	Total 12cp

Course program

The course program is shown below.

Year 1

Autumn semester

31136 Preparation for and Review of IT Experience 31137 IT Experience 1		6ср 0ср
Spring se	mester	
31138	Review of IT Experience	6cp
31139	IT Experience 2	0cp

Other information

Further information is available from:

Building 10 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.auLocal students

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POSTGRADUATE COURSEWORK COURSES

C04006v6 Master of Project Management

Award(s): Master of Project Management (MPM)

UAC code: 942103 (Autumn semester), 945103 (Spring semester)

CRICOS code: 001099J

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Overview

With close industry contact, the course is delivered through block workshops designed to emulate project environments, giving students the opportunity to directly develop their ability to manage real projects. The program is rigorous, and is globally recognised for its tradition of excellence. The UTS program was the first Australian program to be accredited by the Project Management Institute's (PMI) Global Accreditation Centre. The foundation subjects are compatible with the structures used by the PMI and Australian Institute of Project Management (AIPM) to certify practitioners.

This program provides practice-based knowledge, skills and tools for the delivery of different types and sizes of projects and programs across all industry sectors, underpinned by theory and research. At the forefront of industry trends, the UTS program incorporates project complexity, program management, governance, reflective practice and leadership.

Drawing on areas of excellence from across UTS, students may choose a sub-major in business, IT, engineering or construction (from 2013), or undertake a pure project management postgraduate degree.

Course aims

Successful graduates of the course can:

- select and critically apply relevant theory to practice
- develop and apply appropriate project management methodologies to suit different project and organisational contexts
- demonstrate application of reflective practice
- communicate in a variety of forms across culturally diverse project and organisational contexts
- demonstrate the capacity to take a leadership role in project, program and portfolio management
- demonstrate advanced-level skills in managing relationships between key stakeholders in a variety of contexts both in Australia and internationally
- exhibit an understanding of the application of ethical practice to project governance in a variety of settings both in Australia and internationally
- select and apply creative problem-solving skills to all phases of the project life cycle
- apply critical thinking, analytical and research skills to a range of project and program management contexts
- understand, select from and apply a range of systems thinking approaches to a variety of project and organisational contexts.

Career options

The course is highly regarded by industry as providing in-demand, 'professionally excellent' graduates. Its focus on leadership, program management and governance increases the employability of graduates at senior levels in many local and international industries, including banking and finance, construction and engineering, event management, government, health and IT.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants also require six months industry experience if they have not completed the Graduate Diploma in Project Management (C07004) (see page 402).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Exemptions of up to 24 credit points may be given for equivalent prior learning. Applicants with a four-year degree in a related field of study may be given up to 24 credit points of exemptions.

Course duration and attendance

The course is offered on a one-and-a-half-year, full-time or three-year, part-time basis. Because the intensive workshops are widely spaced throughout the year, many students choose to accelerate the part-time master's program and complete it within two years.

Course structure

Students choose 72 credit points from a list of compulsory and elective subjects.

Course completion requirements

CBK90603 PM Foundation	24cp
CBK90860 PM advanced	48cp
	Total 72cp

Course program

A typical course program is shown below.

No sub-major

Year 1

Autumn semester

Select 24 credit points from the following options:			24cp
15312	Communication and Critical Thinking	6ср	-
15313	Project Procurement and Risk Management	6ср	
15315	Project Management Principles	6ср	
15316	Project Time, Cost and Quality	-	
	Management	6ср	

Spring semester

Select 24 c	redit points from the following options:		24cp
15338	Realising Project Benefits	6ср	
15314	Project Implementation	6cp	
15325	Value Management, Negotiation and	-	
	Conflict Management	6ср	
15326	Project Management Practicum	6cp	
15327	Managing Project Complexity	6ср	
15330	Program Management	6ср	
15336	Systems Thinking for Managers	6ср	
15346	Governance and Leadership of Project	-	
	Management	6ср	
15347	The Project Organisation: A New	-	
	Organisational Model	6ср	
15356	Reflective Project Practice	6ср	
15462	Introduction to Research	6ср	
15463	The Research Process	6ср	

Year 2

Autumn or Spring semester

Select 24 credit points from the following options:			24cp
15314	Project Implementation	6ср	_
15325	Value Management, Negotiation and	_	
	Conflict Management	6ср	
15326	Project Management Practicum	6ср	
15327	Managing Project Complexity	6ср	
15330	Program Management	6ср	
15336	Systems Thinking for Managers	6ср	
15338	Realising Project Benefits	6ср	
15346	Governance and Leadership of Project	_	
	Management	6ср	
15347	The Project Organisation: A New	_	
	Organisational Model	6ср	
15356	Reflective Project Practice	6ср	
15462	Introduction to Research	6ср	
15463	The Research Process	6ср	

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Project Management (C11005) (see page 422), the Graduate Diploma in Project Management (C07004) (see page 402), the Master of Project Management and the Master of Business Administration (Project Management major) (C04018) (see page 303). Each stage is self-contained and can be undertaken through part-time or full-time study.

The graduate diploma is offered as an exit point for students who do not wish to go on to complete the master's degree but who otherwise finish with 48 credit points. Direct entry to the graduate diploma is not available.

Articulation from the graduate certificate to the Master of Project Management is allowed with the approval of the course director.

Students articulating from the Master of Project Management to the MBA (Project Management major) receive exemptions and need only to complete the business core units (48 credit points) to complete the MBA.

Professional recognition

This program is accredited by the Project Management Institute's (PMI) Global Accreditation Centre and the Royal Institute of Chartered Surveyors (RICS). It is endorsed by the Australian Institute of Project Management (AIPM), which is a member of the International Project Management Association (IPMA).

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

C04007v6 Master of Planning

Award(s): Master of Planning (MPlan)

UAC code: 942105 (Autumn semester), 945105 (Spring semester)

CRICOS code: 064794J

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Overview

This course provides students with a thorough understanding of the economic, sociological, environmental and other theoretical and practical knowledge underpinning the governance in urban management and urban development. It has a strong focus on sustainable urban development.

With an engaged and practical approach, this course focuses on urban planning and development processes, sustainability and creative development control, and enhances knowledge and skills in urban management, property development, urban design and environmental policy.

Property development and planning students study a common first year, which develops a mutual understanding of how to balance private and public interests in urban development.

Course aims

Graduates of this course understand the nature and methods of planning and urban management and the interdependency of various urban policy fields, agencies and institutions which enable sound urban outcomes.

They can responsibly participate in planning debates, apply sound and appropriate urban design principles, communicate at a superior level and constructively reflect on planning methods and practice.

Graduates also recognise and develop ethical, just and professional methodological approaches and practices.

Career options

Skills in community planning, development control, infrastructure management, planning and environmental law, and strategic planning open up careers in government departments and agencies, local government, major development companies and private consulting firms.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

An appropriate first degree can include the Graduate Diploma in Planning (C07002) (see page 401), or a bachelor's degree in planning, architecture, geography, economics, property economics, commerce, law, engineering or building. Other bachelor's degrees may also be considered.

Work experience is considered relevant if it includes the holding of a responsible position related to the planning or administration of land or design, financing, regulation, construction or management of buildings or infrastructure.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a one-and-a-half-year, full-time or three-year, part-time basis.

All lectures, seminars, workshops and site visits are held during four full-time weeks spread through the year. This facilitates interaction and teamwork, and meets the needs of busy professionals and those living outside Sydney.

In the part-time program, students attend 10 week-long sessions in the first two-and-a-half years and the equivalent of two weeks in the last half year.

Full-time students attend six week-long sessions in each year of the two years of the program in conjunction with part-time students. Between attendance weeks they may attend additional classes and seminars.

Course structure

The course requires the completion of 72 credit points.

Course completion requirements

STM90502 Core subjects (Property and Planning)	24cp
STM90503 Level 2 core subjects (Planning)	24cp
CBK90597 Options (Planning) Level 3	24cp
ebroson options (riaming) bever	Total 72cp

Course program

The examples below show full-time and part-time programs for students choosing the combined or major project options.

Full time	e, minor project and electives option		Year 2		
Year 1			Autumn semester		
Autumn	semester		15222 Urban Design 6cp		
15142	Introduction to Property and Planning	6ср	15241 Urban Economics and Finance 6cp		
15146	Sustainable Urban Development	6ср	Spring semester		
15222 17700	Urban Design Planning and Environmental Law	6ср 6ср	15144 Group Project B: Greenfields Development 6cp 15145 Development Negotiation 6cp		
Spring se	_	оср	Year 3		
15241	Urban Economics and Finance	6ср			
15143	Group Project A: Urban Renewal	6ср	Autumn semester 15201 Planning Theory and Decision Making 629		
15144	Group Project B: Greenfields Development	6ср	15301 Planning Theory and Decision Making 6cp 15302 Major Project: Methods 6cp		
15145	Development Negotiation	6ср	Spring semester		
Year 2			15303 Major Project: Analysis 6cp		
	semester		15304 Major Project: Outcomes 6cp		
15301 15345	Planning Theory and Decision Making Minor Project	6ср 6ср	Articulation with UTS courses		
	,	_	This course is part of an articulated program comprising the Graduate		
Select 12	credit points of electives	12cp	Certificate in Property and Planning (C11001) (see page 421), the		
	e, major project option		Graduate Diploma in Planning (C07002) (see page 401) and the Master of Planning.		
Year 1			Professional recognition		
15142	semester Introduction to Property and Planning	6ср	This course meets the educational requirements for corporate		
15146	Sustainable Urban Development	6cp	membership of the Planning Institute of Australia.		
15222	Urban Design	6ср	Other information		
17700	Planning and Environmental Law	6ср	Further information is available from the Building 6 Student Centre on:		
Spring se		,	telephone 1300 ask UTS (1300 275 887)		
15241 15143	Urban Economics and Finance Group Project A: Urban Renewal	6ср 6ср	or +61 2 9514 1222		
15144	Group Project B: Greenfields Development	6cp	Ask UTS www.ask.uts.edu.au		
15145	Development Negotiation	6ср	www.dab.uts.edu.au		
Year 2					
	semester		C04008v5 Master of Property		
15301 15302	Planning Theory and Decision Making Major Project: Methods	6ср 6ср	Development		
15303	Major Project: Analysis	6cp	Award(s): Master of Property Development (MProDev)		
15304	Major Project: Outcomes	6ср	UAC code: 942100 (Autumn semester), 945100 (Spring semester)		
Part tim	e, minor project and electives option		CRICOS code: 019745C		
Year 1			Commonwealth-supported place?: No Load credit points: 72		
Autumn	semester		Course EFTSL: 1.5		
15142	Introduction to Property and Planning	6ср	Location: City campus		
15146	Sustainable Urban Development	6ср	Overview		
Spring se		6	This course is designed for both property practitioners and graduates		
15222 17700	Urban Design Planning and Environmental Law	6ср 6ср	in other fields who wish to extend their qualifications and expertise		
Year 2		r	in property development and management. Graduates have a		
_	semester		commitment to professionalism in the property sector. This course is for property professionals who want to upgrade their		
15241	Urban Economics and Finance	6ср	qualifications or expertise or for those who wish to enter the property		
Spring se		1	industry. Property development and planning students study a		
15144	Group Project B: Greenfields Development	6ср	common first year, which develops an understanding of how to balance private and public interests in urban development.		
15145	Development Negotiation	6ср	Course aims		
Year 3			The course provides a thorough and advanced grounding in all		
	semester		aspects of the property development process, markets and institutions,		
15301	Planning Theory and Decision Making	6cp	including the political, managerial, legal and physical systems that		
15301 15345	Planning Theory and Decision Making Minor Project	6ср 6ср	including the political, managerial, legal and physical systems that contribute to the effective management and development of property		
15301 15345 Spring se	Planning Theory and Decision Making Minor Project emester	6cp	including the political, managerial, legal and physical systems that contribute to the effective management and development of property assets, property investment portfolios and development proposals. It is designed to provide valuers and other property practitioners		
15301 15345 Spring se Select 12	Planning Theory and Decision Making Minor Project emester credit points of electives	, -	including the political, managerial, legal and physical systems that contribute to the effective management and development of property assets, property investment portfolios and development proposals. It is designed to provide valuers and other property practitioners with opportunities to enhance their qualifications and expertise and provide professionals from other fields with an understanding of		
15301 15345 Spring se Select 12 Part tim	Planning Theory and Decision Making Minor Project emester	6cp	including the political, managerial, legal and physical systems that contribute to the effective management and development of property assets, property investment portfolios and development proposals. It is designed to provide valuers and other property practitioners with opportunities to enhance their qualifications and expertise and		
15301 15345 Spring se Select 12 Part tim Year 1	Planning Theory and Decision Making Minor Project emester credit points of electives ee, major project option	6cp	including the political, managerial, legal and physical systems that contribute to the effective management and development of property assets, property investment portfolios and development proposals. It is designed to provide valuers and other property practitioners with opportunities to enhance their qualifications and expertise and provide professionals from other fields with an understanding of property development and investment issues and techniques. Career options		
15301 15345 Spring se Select 12 Part tim Year 1	Planning Theory and Decision Making Minor Project emester credit points of electives ee, major project option semester	6cp 12cp	including the political, managerial, legal and physical systems that contribute to the effective management and development of property assets, property investment portfolios and development proposals. It is designed to provide valuers and other property practitioners with opportunities to enhance their qualifications and expertise and provide professionals from other fields with an understanding of property development and investment issues and techniques. Career options Career options include positions in banking and government		
15301 15345 Spring se Select 12 Part tim Year 1 Autumn s	Planning Theory and Decision Making Minor Project emester credit points of electives ee, major project option	6cp	including the political, managerial, legal and physical systems that contribute to the effective management and development of property assets, property investment portfolios and development proposals. It is designed to provide valuers and other property practitioners with opportunities to enhance their qualifications and expertise and provide professionals from other fields with an understanding of property development and investment issues and techniques. Career options Career options include positions in banking and government instrumentalities, finance, management and development, and		
15301 15345 Spring se Select 12 Part tim Year 1 Autumn s 15142	Planning Theory and Decision Making Minor Project emester credit points of electives ne, major project option semester Introduction to Property and Planning Sustainable Urban Development	6cp 12cp 6cp	including the political, managerial, legal and physical systems that contribute to the effective management and development of property assets, property investment portfolios and development proposals. It is designed to provide valuers and other property practitioners with opportunities to enhance their qualifications and expertise and provide professionals from other fields with an understanding of property development and investment issues and techniques. Career options Career options include positions in banking and government		
15301 15345 Spring se Select 12 Part tim Year 1 Autumn s 15142 15146	Planning Theory and Decision Making Minor Project emester credit points of electives ne, major project option semester Introduction to Property and Planning Sustainable Urban Development	6cp 12cp 6cp	including the political, managerial, legal and physical systems that contribute to the effective management and development of property assets, property investment portfolios and development proposals. It is designed to provide valuers and other property practitioners with opportunities to enhance their qualifications and expertise and provide professionals from other fields with an understanding of property development and investment issues and techniques. Career options Career options include positions in banking and government instrumentalities, finance, management and development, and		

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

An appropriate first degree includes the Graduate Diploma in Property Development (C06006) (see page 385).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a one-and-a-half-year, full-time or three-year, part-time basis. The course features intensive block attendance patterns.

Course completion requirements

STM90502 Core subjects (Property and Planning)	24cp
CBK90622 Property options (PG)	24cp
STM90564 Core subjects	24cp
•	Total 72cp

Course program

The example programs below are for a student commencing in Autumn or Spring semester and undertaking the course full time.

Full time, Autumn commencing

Year 1

Autumn semester

15142	Introduction to Property and Planning		6ср
12535 15222	2 Urban Design	6ср 6ср	6ср
15146 17700	Sustainable Urban Development Planning and Environmental Law		6ср 6ср
Spring ser	mester		
17704 15143	Property Development Finance Group Project A: Urban Renewal		6ср 6ср
Select 12 credit points from the following options: 12515 Strategic Asset Management 17553 Construction Cost Planning 17772 Commercial Retail Property Management 17774 Green Building Evaluation 12535 Valuation Application 15222 Urban Design		6cp 6cp 6cp 6cp 6cp	12cp

Year 2

Autumn semester

emester		
Property Transactions		6ср
Advanced Property Development		6ср
redit points from the following options:		12cp
Strategic Asset Management	6ср	
Conservation and Heritage	6ср	
Property Market and Risk Analysis	6ср	
Property Taxation	6ср	
	Property Transactions Advanced Property Development redit points from the following options: Strategic Asset Management Conservation and Heritage Property Market and Risk Analysis	Property Transactions Advanced Property Development redit points from the following options: Strategic Asset Management 6cp Conservation and Heritage 6cp Property Market and Risk Analysis 6cp

Full time, Spring commencing

Year 1

Chrina	comoctor
Spring	semester

Spring ser	nester		
15142	Introduction to Property and Planning		6ср
Select one of the following:		6ср	
12535	Valuation Application	6ср	_
15222	Urban Design	6ср	
15146	Sustainable Urban Development	•	6ср
17700	Planning and Environmental Law		6cp

Year 2

12518

Autumn semester

17518 15143	Advanced Property Development Group Project A: Urban Renewal		6cp 6cp
Select 12 c 12515 171200 17551 17703	redit points from the following options: Strategic Asset Management Conservation and Heritage Property Market and Risk Analysis Property Taxation	6cp 6cp 6cp 6cp	12cp
Spring ser	nester		
17704	Property Development Finance		6ср
Select 12 ct 12515 17553 17772 17774 12535	redit points from the following options: Strategic Asset Management Construction Cost Planning Commercial Retail Property Management Green Building Evaluation Valuation Application	6cp 6cp 6cp 6cp 6cp	12cp

Articulation with UTS courses

Property Transactions

This course is part of an articulated program comprising the Graduate Certificate in Property and Planning (C11001) (see page 421), the Graduate Diploma in Property Development (C06006) (see page 385) and the Master of Property Development.

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au www.dab.uts.edu.au

C04018v5 Master of Business Administration

Award(s): Master of Business Administration (MBA)

CRICOS code: 025004A

Commonwealth-supported place?: No

Load credit points: 96 Course EFTSL: 2 Location: City campus

Overview

The UTS MBA is distinguished from the competition by its practical, vocational orientation and by the open architecture of the course design. All MBA subjects are approved by an industry board that insists on 'relevance to workplace' as a pre-eminent subject design principle. The MBA provides knowledge and skills that are essential for superior management performance.

The course provides unparalleled program flexibility. Students design their MBA to match their employment aspirations. A wide range of specialist skills is also introduced through a choice of majors and submajors. The teaching staff are drawn from among the finest researchers and university educators around the world, keeping students abreast of current trends and focusing on the global picture.

Course aims

- General management skills develop expertise in strategic thinking, critical analysis, developing and implementing business plans, decision-making under uncertainty, understanding organisational dynamics, motivating others, effective communication, leadership and promoting change in dynamic environments.
- Functional skills develop competency in a number of key disciplines including accounting, finance, marketing and human resources management.
- Specialist skills are introduced in areas such as international marketing, human resource management, management in the public, private and international spheres, tourism, sport, arts management, engineering management and information technology.

Career options

The MBA is the most recognised and most transportable postgraduate degree. Students in the MBA know that to realise their full career potential, additional managerial skills and credentials are essential.

Personal investment in a demanding MBA program that is recognised for both intellectual rigour and practical application of knowledge will accelerate students' career progression or introduce new career pathways.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants also require:

- a minimum grade point average (GPA) of 2.75 out of 4 with less than 10 per cent fail grades, or
- a Graduate Management Admission Test (GMAT) overall minimum score of 550, or
- · a minimum of at least four years' relevant work experience.

Applicants with a relevant graduate certificate must have completed it with at least a credit average. Further information is available at: www.gsb.uts.edu.au/student/gmat

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of 10 subject exemptions in the MBA, of which four core subjects may be approved from prior undergraduate study.

Further information is available at: www.gsb.uts.edu.au/student/rpl

Course duration and attendance

The MBA is normally completed in two years of full-time or four years of part-time study. Completion time may be accelerated by undertaking subjects in intensive mode during Summer session. Classes for core subjects are held during the day as well as in the evening.

Course structure

The course comprises 96 credit points, made up of eight compulsory core subjects (totalling 48 credit points) and eight elective subjects (totalling 48 credit points).

Electives can be taken in one of three ways: as one major (48 credit points), as two sub-majors (24 credit points each), or as one sub-major (24 credit points) plus 24 credit points of mixed electives.

Course completion requirements

STM90345 Core subjects	48cp
CBK90214 Major/Two sub-majors/Sub-major +	*
four electives	48cp
	Total 96cp

Course program

The lists of core subjects and available majors and sub-majors are provided below.

Core subjects

Management and Organisations	6ср
Accounting for Managerial Decisions	6ср
Economics for Management	6ср
Managing Work and People	6ср
Financial Management	6ср
Marketing Management	6ср
Strategic Management	6ср
Organisational Dialogue: Theory and Practice	6ср
	Accounting for Managerial Decisions Economics for Management Managing Work and People Financial Management Marketing Management Strategic Management

List of majors

MAJ08049	Accounting Information Systems	48cp
MAJ08934	Accounting and Finance	48cp
MAJ02044	Information Technology	48cp
MAJ09362	Business Law	48cp
MAJ08938	Technology Management	48cp
MAJ08940	Finance	48cp
MAJ08476	Management	48cp
MAJ08020	Human Resource Management	48cp
MAJ08941	International Business	48cp
MAJ08480	Marketing	48cp
MAJ08483	Professional Accounting	48cp

List of sub-maiors

List of sub-majors			
SMJ08098	Accounting Information Systems	24cp	
SMJ08071	Arts Management	24cp	
SMJ02038	Information Technology	24cp	
SMJ09037	Business Law	24cp	
SMJ08209	Community Management	24cp	
SMJ08075	Engineering Management	24cp	
SMJ08147		24cp	
SMJ08066	Human Resources Management	24cp	
SMJ08148	International Business	24cp	
	International Exchange	24cp	
	Management	24cp	
	Marketing	24cp	
SMJ08111	Marketing Research	24cp	
SMJ08086	Project Management	24cp	
	Public Relations	24cp	
SMJ08155	Sport Management	24cp	
SMJ08038	Strategic Management	24cp	
SMJ08205	Strategic Marketing	24cp	
SMJ08156	Tourism Management	24cp	
	Operations and Supply Chain	24cp	
SMJ08210	Value Creation in Services	24cp	
SMJ08213	Event Management	24cp	

Articulation with UTS courses

While the MBA is offered as a stand-alone qualification, it is also part of an articulated program of study comprising the Graduate Certificate in Business Administration (C11008) (see page 422), the Graduate Diploma in Business Administration (C06009) (see page 386), and the Master of Business Administration (MBA). This enables students who satisfactorily complete the Graduate Certificate in Business Administration or the Graduate Diploma in Business Administration to apply for entry to the MBA.

Where a student articulates from one level of study to another, only one testamur is issued.

Professional recognition

CPA Australia; Institute of Chartered Accountants in Australia (ICAA); Australian Human Resources Institute; Institute of Public Accountants (IPA)

The MBA with Professional Accounting major meets the formal academic requirements for associate membership of CPA Australia and the ICAA. In order to meet the educational requirements for membership of CPA Australia and the ICAA, students undertaking the Professional Accounting major must also complete an introductory law subject. Students who have not previously completed an undergraduate law subject by examination must study 79708 Contemporary Business Law in place of 21844 Managing Work and People.

Students completing this degree with a major in human resource management are eligible to apply to the Australian Human Resources Institute (AHRI) for the professional member (MAHRI) status.

Students completing this degree with a major in finance are eligible to apply for associate membership at the Financial Services Institute of Australasia (FINSIA) and are also eligible to apply for Certified Finance and Treasury Professional at the Finance and Treasury Association (FTA).

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg

C04031v6 Executive Master of Business Administration

Award(s): Executive Master of Business Administration (MBA)

Commonwealth-supported place?: No

Load credit points: 96 Course EFTSL: 2 Location: City campus

Note(s)

This course is not offered to international students.

Overview

The Executive MBA is designed as a general management qualification for ambitious individuals with considerable work experience who are looking to further develop their business and strategic leadership skills. The overarching goal of the course is to produce graduates who can operate a business function, unit or organisation by building students' capabilities in technical, professional and interpersonal skills

The Executive MBA curriculum is strongly experientially oriented and provides students with decision-making experiences that emulate the real world of business. The requirements of professional bodies; recent research and scholarship data on successful graduates; information from employers and advisory committees; and industry groups have informed the attributes and learning goals. The course is structured in such a way that students can choose to progress through the degree in a group. The cohort model is designed to foster a sense of union, facilitate networking and encourage cooperative relationships with a focus on leadership and group dynamics.

Course aims

The aim of the Executive MBA degree is to develop students' business acumen through an enhanced capacity for integrity, judgment and intuition. Executive MBA students develop advanced competency in a number of key disciplines including accounting, economics, finance, marketing and strategic management. The learning goals of the degree are designed to meet the needs of today's rapidly changing enterprises including areas such as electronic business, finance, banking, corporate accounting, marketing, operations management, employment relations, management in the public, private and international spheres, information technology, engineering, and event, tourism, sport, arts and leisure management. The focus is on developing specific skills including the ability to integrate accounting, finance, marketing and management skills for progressive solutions and sound management decisions; capacity for analysing and synthesizing complex information and knowledge for tactical and strategic business decisions; effective leadership and teamwork skills; and designing innovative business models and strategies that adhere to the principles of responsible corporate governance and social responsibility.

Career options

Career options include senior general management roles in business or business unit manager, business planning, business strategist, and general management consultant.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants also require five years' relevant work experience or a UTS Graduate Certificate in Executive Business Administration (C11208) (see page 457), with a credit average. Applicants may be required to attend an interview as part of the admission process.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Credit recognition

Students in the Executive MBA are not granted exemptions for any prior studies.

Course duration and attendance

The course is expected to be completed in two years of part-time study. Teaching is conducted in sequential eight-week blocks. The first and last (capstone) subjects are taught in residence.

Course structure

The course comprises 96 credit points, made up of nine core subjects and three elective subjects (all subjects are 8 credit points each). Students in this course are taught separately from other graduate students. Two core subjects are studied in 'residence mode', and the elective subjects include a study tour of leading European or North American business schools and industry visits (restricted numbers and conditions apply).

Course completion requirements

STM90344 Core subjects	72cp
CBK90589 Electives	24cp
	Total 96cp

Course program

	F 3		
	core and elective subjects is provided below.		
27800	Applied Leadership and Strategy		8cp
25841	Decision Making Tools		8cp
21875	Organisational Behaviour in Practice		8cp
22814	Accounting Information for Managers		8cp
23845	Managerial Economics		8cp
21874	Corporate Governance and Sustainability		8ср
25846	Managerial Finance		8cp
24800	Managerial Marketing		8cp
21873	Global Business Strategies		8cp
Select 24 c	redit points from the following options:		24cp
21872	Organisational Analysis	8cp	_
21869	Innovation and Entrepreneurship	8cp	
21870	Strategic Human Resource Management	8cp	
21871	Operations and Value Chain Strategy	8cp	
22816	Financial Analysis and Business Valuations	8cp	
22815	Business Decisions and Models	8cp	
24808	Advanced Marketing Strategies	8cp	
24807	Marketing Strategy in Practice	8cp	
25844	Managerial Corporate Finance	8cp	
26800	International Business Consulting	8cp	

Articulation with UTS courses

This course is part of an articulated program comprising the Executive Master of Business Administration (EMBA) and the Graduate Certificate in Executive Business Administration (C11208) (see page 457).

Transfer is not permitted from any existing Graduate School of Business program to the EMBA. Transfer out of the EMBA is only permitted in extraordinary circumstances at the discretion of the Head, Graduate School of Business.

Other information

Further information is available from UTS: Business on: telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg/

C04037v5 Master of Business in Accounting Information Systems

Award(s): Master of Business in Accounting Information Systems (MBus) CRICOS code: 009461J

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Overview

The Master of Business in Accounting Information Systems provides advanced-level study in a range of contemporary accounting issues.

The business project offers students the option of applying their learning to a real-world problem for their employer or another organisation.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

If the previous qualification is not in a related field, applicants require a minimum of two years' relevant work experience. Applicants with a relevant graduate certificate must have completed it with at least a credit average.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of eight subject exemptions based on credit recognition, of which four core subjects may be approved from prior undergraduate study.

Course duration and attendance

The course may be completed in one-and-a-half years of full-time or three years of part-time study.

Course structure

The course totals 72 credit points of study, made up of 12 compulsory core subjects.

Course completion requirements

STM90709 Core subjects (Accounting Information Systems) 72cp Total 72cp

Course program

The core subject and stream options are shown below.

Core subjects

22747	Accounting for Managerial Decisions	6ср
22708	Accounting Information Systems	6ср
22759	Accounting and ERP	6ср
22766	Assurance for Enterprise Systems	6ср
22776	Business Information Systems	6ср
22787	Business Project Management	6ср
22753	Cost Management and Analysis	6ср
22783	Business Intelligence 2: Advanced Planning	6ср
22797	Business Intelligence 1: Advanced Analysis	6ср
22705	Management Planning and Control	6ср
25742	Financial Management	6ср
22782	Business Process Integration with ERP	6ср

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Accounting Information Systems (C11017) (see page 423) and the Master of Business in Accounting Information Systems.

Professional recognition

The Master of Business in Accounting Information Systems is not recognised by CPA Australia as meeting the membership entry requirements for applicants who do not have a recognised undergraduate degree. Such applicants should enrol in the MBA (Professional Accounting major) (C04018) (see page 303). However, applicants with a recognised undergraduate degree can include CPA Australia accredited postgraduate subjects in their Master of Business in Accounting Information Systems program in order to meet the accounting studies requirements for CPA Australia membership. It is recommended that applicants obtain an assessment from CPA

Australia of the subjects they are required to complete before enrolling in their program and then discuss this assessment with the course coordinator.

Assessment forms are available from the CPA Australia website, under Membership, at:

www.cpaaustralia.com.au

or contact:

NSW Office of CPA Australia telephone +61 2 9375 6200

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg/

C04038v6 Master of Business in Accounting and Finance

Award(s): Master of Business in Accounting and Finance (MBus)

CRICOS code: 036577F

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Overview

The Master of Business in Accounting and Finance provides advanced-level study in a range of contemporary accounting and finance issues.

The core subjects chosen from both accounting and finance are designed to offer a balanced coverage of both disciplines.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

If the previous qualification is not in a related field, applicants require a minimum of two years' relevant work experience. Applicants with a relevant graduate certificate must have completed it with at least a credit average.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of eight subject exemptions based on credit recognition, of which four core subjects may be approved from prior undergraduate study.

Course duration and attendance

The course may be completed in one-and-a-half years of full-time or three years of part-time study.

Course structure

The course totals 72 credit points of study, made up of 12 core subjects.

Course completion requirements

22754	Corporate Accounting	6ср
25731	International Finance	6ср
25721	Investment Management	6ср
79708	Contemporary Business Law	6ср
22747	Accounting for Managerial Decisions	6cp
23706	Economics for Management	6ср
25742	Financial Management	6ср
22743	Business Valuation and Financial Analysis	6ср
25741	Capital Markets	6ср
25765	Corporate Finance	6ср
22748	Financial Reporting and Analysis	6ср
22730	Auditing and Assurance Services	6ср
		Total 72cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Accounting and Finance (C11015) (see page 423), the Graduate Diploma in Accounting and Finance (C07012) (see page 402) and the Master of Business in Accounting and Finance.

Professional recognition

This course meets the educational requirements of membership at the level of Certified Finance and Treasury Professional (CFTP), awarded by the Finance and Treasury Association.

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg/

C04048v5 Master of Business in Finance

Award(s): Master of Business in Finance (MBus)

CRICOS code: 036581K

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Overview

The Master of Business in Finance provides a comprehensive range of skills and expertise expected of leading practitioners in the banking and finance sectors.

The Finance program provides participants with the opportunity to acquire knowledge of finance theory and techniques for leading-edge professional practice purposes.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants with a relevant graduate certificate must have completed it with at least a credit average.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of eight subject exemptions based on credit recognition, of which four core subjects may be approved from prior undergraduate study.

Course duration and attendance

The course may be completed in one-and-a-half years of full-time or three years of part-time study.

Course structure

The course comprises 72 credit points, made up of nine core subjects (totalling 54 credit points) plus elective subjects (totalling 18 credit points).

Course completion requirements

CBK90381	Elective choice (Finance)	18cp
STM90366	Core subjects (Finance)	54cp
	•	Total 72cp

Course program

The list of core subjects is shown below, followed by the list of available electives.

avallable e	electives.		
23706	Economics for Management		6ср
22747	Accounting for Managerial Decisions		6ср
25742	Financial Management		6ср
25741	Capital Markets		6ср
25705	Financial Modelling and Forecasting		6ср
25721	Investment Management		6ср
25765	Corporate Finance		6ср
25731	International Finance		6ср
25743	Corporate Financial Analysis		6ср
Select 18 c	redit points from the following options:		18cp
25728	Bond Portfolio Management	6ср	1
25729	Applied Portfolio Management	6ср	
25732	Venture Capital and Private Equity:	1	
	Theory and Practice	6ср	
25751	Financial Institution Management	6ср	
25752	Financial Institution Lending	6ср	
25762	Synthetic Financial Products	6ср	
25763	Corporate Treasury Management	6ср	
25764	Venture Capital Finance	3ср	
25796	Personal Wealth Management	6ср	
25807	Mergers and Acquisitions	3ср	
25809	Technical Analysis	3ср	
25812	Fundraising in International Markets	3ср	
25818	Real Estate Finance and Investment	3ср	
25824	Project Financing	3ср	
77947	Companies and Securities Law	6ср	
25797	Real Estate Investment Trusts	3ср	
25798	Ethics and Professional Standards		
	in Finance	3ср	

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Finance (C11027) (see page 425), the Graduate Diploma in Finance (C07021) (see page 404) and the Master of Business in Finance.

Professional recognition

The Master of Business in Finance covers a broad range of the specialist knowledge areas required to be ASIC RG146 registered. Completion of the Master of Business in Finance meets the education requirements of membership at the level of Certified Finance and Treasury Professional (CFTP). It also meets the educational requirements at the level of Senior Associate (SA Fin), in conjunction with work experience, at the Financial Services Institute of Australasia (FINSIA). The Master of Business in Finance has also been awarded postgraduate partnership status by CFA Institute (USA). The degree's curriculum is closely tied to global professional practice and is well suited to students preparing to sit for CFA (Chartered Financial Analyst) program examinations.

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660

email business@uts.edu.au

www.business.uts.edu.au/pg/

C04052v3 Master of Quantitative Finance

Award(s): Master of Quantitative Finance (MQF) Commonwealth-supported place?: No Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Note(s)

This course is not offered to international students.

Overview

The Master of Quantitative Finance provides the full gamut of specialised quantitative finance skills and development of professional competency required to be a quantitative finance specialist performing at the cutting edge of the discipline.

Participants have the opportunity to see the application of quantitative finance to advanced financial instruments, an integrated approach to risk management and how to implement quantitative finance strategies.

Course aims

The Quantitative Finance program provides the opportunity to acquire the detailed specialised knowledge and the professional competency required to work as a quantitative finance analyst in the modern finance industry.

Career options

Career options for graduates include positions as quantitative analysts, risk management analysts, quantitative structures, quantitative developers, forecasters, traders, investment analysts and financial engineers across investment banks, trading banks, hedge funds, investment management companies, consulting companies, energy and mining companies, regulatory bodies and government organisations.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Previous qualifications must be in finance or have a strong mathematical background. Entry to the course is at the discretion of the course director.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Credit recognition

Students may be granted a maximum of eight subject exemptions, of which four core subjects may be approved from prior undergraduate study.

Course duration and attendance

The course duration is three years of part-time study.

Course structure

The course comprises 72 credit points of core subjects.

Course completion requirements

STM90317 Core subjects (Quantitative Finance) 72cp Total 72cp

Course program

Students co	omplete the following subjects.	
25832	Financial Markets Instruments	6ср
25834	Portfolio Analysis	6ср
25837	Financial Econometrics	6ср
25849	Financial Risk Management	6ср
25850	Credit Risk	6ср
25851	Mathematical Finance	6ср
25852	Numerical Analysis for Quantitative Finance	6ср

25853	Computational Methods and Model	
	Implementation	6ср
25854	Statistical Methods for Quantitative Finance	6ср
25855	Fundamentals of Derivative Security Pricing	6ср
25856	Probability Theory and Stochastic Processes	6ср
25857	Interest Rate Modelling	6ср

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Diploma in Quantitative Finance (C07023) (see page 405) and the Master of Quantitative Finance.

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg/

C04067v6 Master of Business in Marketing

Award(s): Master of Business in Marketing (MBus)

CRICOS code: 036583G

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Overview

The Master of Business in Marketing provides the opportunity for students to extend their knowledge in the areas of communications, sales management, the development and introduction of new products, business-to-business marketing, technology and marketing, as well as the legal constraints on and the ethical implications of marketing in Australia.

The marketing program provides contemporary theoretical marketing knowledge and the practical skills required for superior performance in Australian and international markets.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

If the previous qualification is not in a related field, applicants require a minimum of two years' relevant work experience. Applicants with a relevant graduate certificate must have completed it with at least a credit average.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of eight subject exemptions, of which four core subjects may be approved from prior undergraduate study.

Course duration and attendance

The course is one-and-a-half years of full-time or three years of part-time study.

Course structure

The course totals 72 credit points and consists of a combination of core subjects, specialised streams and elective subjects.

Course completion requirements

STM90721 Core subjects (Marketing)	30ср
CBK90635 Marketing streams	24cp
CBK90636 Elective (Marketing PG)	18cp
. 0 /	Total 72cp

Course program

The course program is shown below.	
24710 Buyer Behaviour	6ср
24734 Marketing Management	6cp
24730 Marketing Strategy	6cp
24720 Marketing Research	6cp
24790 Business Project: Marketing	6cp
CBK90636 Elective (Marketing PG)	18cp
Select 24 credit points from the following option	ns: 24cp
STM90717 Marketing Management	24cp
STM90718 Marketing Strategy	24cp
STM90719 Marketing Research	24cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Marketing (C11039) (see page 428), the Graduate Diploma in Marketing (C07031) (see page 407) and the Master of Business in Marketing.

Professional recognition

Completion of this course meets the educational requirements for Professional Postgraduate Diploma in Marketing entry point to the Chartered Institute of Marketing (CIM).

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg

C04085v2 Master of Engineering Management

Award(s): Master of Engineering Management (MEM)

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: Hong Kong

Note(s)

This course is only offered offshore. It is available in Beijing. The language of tuition is Modern Standard Chinese.

It is the Chinese language version of the Master of Engineering Management (C04094) (see page 314). It is offered through the Hong Kong Management Association.

Overview

The Master of Engineering Management (MEM) is the ideal course for engineers, technical specialists and others wishing to expand their managerial skills within a technology-based organisation. The MEM has been specifically designed to emphasise the interface between technology and management.

The MEM program provides an opportunity for engineers who are seeking a career in engineering management to undertake a formal course of relevant study at master's level. It may also be of benefit to current engineering managers to undertake formal study and gain recognition of their knowledge and experience.

Career options

Engineering and applied science jobs are becoming increasingly multidisciplinary. Knowledge and skills in technical management gained from completing the MEM can assist in obtaining a high-quality engineering or engineering management position.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course duration is two years of part-time study if two subjects are taken per teaching period. This time can be reduced if additional subjects are studied in the January to March semester. The program is structured for weekend and distance mode attendance.

Course structure

The course requires 48 credit points of study. A minimum of 36 credit points (the six subjects listed below) must be completed from the list of MEM core subjects. The remaining 12 credit points are completed from two postgraduate subjects offered at Wuhan University in China.

Course completion requirements

49001	Judgment and Decision Making	6ср
49002	Managing Projects	6ср
49003	Economic Evaluation	6ср
49069	Leadership and Responsibility	6ср
49098	Engineering Financial Control	6ср
49309	Quality Planning and Analysis	6ср
		Total 48cp

Course program

The list of available core subjects is shown below. 49001 Judgment and Decision Making 6ср 49002 Managing Projects 49003 **Economic Evaluation** 6ср Quality Planning and Analysis Leadership and Responsibility 49309 6ср 49069 6ср 49098 Engineering Financial Control 6ср Select 12 credit points of options 12cp

Other information

Further information is available from:

Francine Ngai

Hong Kong Management Association

telephone +852 2774 8578 / 8586

or

Xenia Wong

telephone +852 2774 8565

fax +852 2365 1000

16/F Tower B, Southmark

11 Yip Hing Street, Wong Chuk Hang

Hong Kong

email memb_uts@hkma.org.hk

www.hkma.org.hk

C04090v5 Master of Engineering

Award(s): Master of Engineering (ME)

CRICOS code: 017900B

Commonwealth-supported place?: No

Load credit points: 60 Course EFTSL: 1.25 Location: City campus

Overview

This course provides an opportunity at master's level for professionally qualified engineers to extend in depth and breadth the knowledge and skills gained from their undergraduate studies. Each program must be designed to enhance technological knowledge pertaining to one or more fields of engineering. The completion of subjects and project work at advanced level is central to this requirement.

Students may choose a program of study that deepens the body of knowledge acquired in their first degree as well as expands knowledge boundaries into policy and engineering management areas. The program of study is usually framed within a postgraduate program major and supervised by an experienced academic in that field. Students also have the option of not electing a major.

Career options

Students who have a basic engineering undergraduate degree are able to enhance their ability and knowledge through master's-level courses in their respective majors, enabling them to gain and hold employment in their respective engineering fields.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

If applicants are not graduates from the UTS Bachelor of Engineering Diploma in Engineering Practice, they must have an engineering degree from a recognised tertiary institution as well as two years' relevant work experience.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Credit recognition is considered in accordance with the University's policy on credit recognition:

www.gsu.uts.edu.au/policies/credit-recognition.html

Students may be eligible for credit recognition based on previous postgraduate award study. Subjects undertaken as part of an undergraduate degree, irrespective of their level of study, are not normally considered for credit recognition.

Students who have completed postgraduate subjects as part of a postgraduate degree may be eligible for credit recognition of up to 12 credit points (two subjects) towards an engineering master's degree.

Students who have previously completed subjects at UTS that are part of the postgraduate degree to which they are admitted, may be eligible for credit recognition of up to 18 credit points (three subjects) towards an engineering masters' degree.

Students who have previously completed subjects as part of a UTS Engineering graduate certificate may be eligible for credit recognition of up to 24 credit points (four subjects) towards equivalent subjects in an engineering master's degree.

Further information is available at:

www.eng.uts.edu.au/courses/postgraduate/credit-recognition.html

Course duration and attendance

The course may be completed in one-and-a-half years on a full-time basis or two to three years on a part-time basis.

Classes are usually held in the evenings or in block mode. Some subjects may be available in distance mode.

Course structure

Candidates complete coursework subjects and a major individual project, totalling 60 credit points of study. The project component is typically undertaken following completion of the coursework.

Some postgraduate program majors may require students to complete a number of prescribed subjects with or without opportunity for electives. Subjects are selected from those offered by UTS: Engineering, other UTS faculties, other faculties of engineering (including the University of Sydney, the University of New South Wales and the University of Western Sydney), and other institutions approved by Academic Board. Not less than 60 per cent of total credit points must be completed through subjects offered, and/or a graduate project supervised, by UTS: Engineering.

The graduate project must be supervised by a principal supervisor who is a member or adjunct member of academic staff of the Faculty of Engineering and Information Technology.

A major is granted if four subjects (24 credit points) are completed within a particular postgraduate program major, together with an approved graduate project (18-30 credit points) in the major.

Course completion requirements

CBK90443 Major choice	24cp
CBK90230 Elective	6cp
Select 30 credit points from the following options: STM90080 Project + two electives STM90081 Project + one elective STM90082 Project	30cp 30cp 30cp 30cp Total 60cp

Course program

The tables below give details of each major: for each major there are three tables. The first lists the compulsory subjects and allowable option choices for the major. The next two tables show the subjects typically offered in Autumn and Spring semesters. Where an elective is specified, any subject in the range 49000 to 49999 is recommended, except for 49277, 49278, 49279, 49454, 49458, 49459, 49460, 49461, 49462, 49463, 49464 and 49465. Some subjects are offered in weekly mode, others in block mode, and others in distance mode or a combination of modes.

List of majors

MAJ03455	Civil Engineering	24cp
MAJ03438	Computer Control Engineering	24cp
MAJ03439	Energy Planning and Policy	24cp
MAJ08860	Engineering Management	24cp
MAJ03416	Environmental Engineering	24cp
MAJ03440	Local Government Engineering	24cp
MAJ03442	Manufacturing Engineering and Management	24cp
MAJ03432	Software Engineering	24cp
MAJ03433	Structural Engineering	24cp
MAJ03435	Telecommunications Engineering	24cp
MAJ03434	Telecommunication Networks	24cp
MAJ03436	Water Engineering	24cp
CBK90473	No specified major	24cp
MAJ03461	Geotechnical Engineering	24cp
MAJ03463	Operations	24cp
MAJ03465	Biomedical Engineering	24cp
MAJ03469	Systems Engineering	24cp

Civil Engineering major

Select four	subjects from the following:		24cp
49002	Managing Projects	6ср	-
49102	Traffic and Transportation		
49105	Water Supply and Wastewater	•	
	Management	6ср	
49106	Road Engineering Practice	6ср	
49107	Urban Stormwater Design	6ср	
49109	Engineered Natural Water Treatment	_	
	Systems	6ср	
49119	Problematic Soils and Ground	-	
	Improvement Techniques	6ср	
49115	Facade Engineering	6ср	
49121	Environmental Assessment and Planning	6ср	
49126	Environmental Management of Land	6ср	
49131	Bridge Design	6ср	
49136	Application of Timber in Engineering	•	
	Structures	6ср	
49150	Prestressed Concrete Design	6ср	
49143	Civil Engineering Review 1	6ср	
49254	Advanced Soil Mechanics and Foundation	_	
	Design	6ср	
49258	Pavement Analysis and Design	6ср	
49118	Applied Geotechnics	6ср	

Civil Engineering major - subjects typically offered in Autumn

Autuiiii		
49002	Managing Projects	6ср
49102	Traffic and Transportation	6ср
49105	Water Supply and Wastewater Management	6ср
49107	Urban Stormwater Design	6ср
49109	Engineered Natural Water Treatment Systems	6ср
49126	Environmental Management of Land	6ср
49136	Application of Timber in Engineering Structures	6ср
49119	Problematic Soils and Ground Improvement	-
	Techniques	6ср

	gineering major - subjects typicatty one	leu III		49021	Evaluation of Infrastructure Investments		6cp
Spring	Managing Projects		6cm	49024	Energy Modelling		6cr
19002	Managing Projects		6cp	49706	Regulatory Economics		6cr
49106	Road Engineering Practice		6cp	49026	Electricity Sector Planning and Restructuring		
49115	Facade Engineering		6cp	49020	Electricity Sector Flamming and Restructuring	5	6cp
49121	Environmental Assessment and Planning		6ср	Fneray	Planning and Policy major - subjects typic	cally	
49131	Bridge Design		6ср			catty	
49150	Prestressed Concrete Design		6ср		in Autumn		
49118	Applied Geotechnics		6ср	49021 49026	Evaluation of Infrastructure Investments Electricity Sector Planning and Restructuring	ŗ	6cp 6cp
	ter Control Engineering major		10 cm	Fneray	Planning and Policy major - subjects typic	cally	
	vo subjects from the following:	(12cp	• • • • • • • • • • • • • • • • • • • •		catty	
49261	Biomedical Instrumentation	6cp			in Spring		
19274	Advanced Robotics	6cp		49024	Energy Modelling		6cr
49275	Neural Networks and Fuzzy Logic	6ср		49706	Regulatory Economics		6cp
	o subjects from the following:		12cp	Environ	mental Engineering major		
49048	Wireless Networking Technologies	6ср			ur subjects from the following:		24cr
49261	Biomedical Instrumentation	6ср		49049	Air and Noise Pollution	6ср	1212
49262	Web Technologies	6ср		49109	Engineered Natural Water Treatment	оср	
49263	Software Analysis and Design	6ср		47107	Systems	6ср	
32555	Fundamentals of Software Development	6ср		49121	Environmental Assessment and Planning		
32603	Systems Quality Management	6ср		49121	Ecology and Sustainability	6cp	
19274	Advanced Robotics	6ср				6ср	
19275	Neural Networks and Fuzzy Logic	6cp		49123	Waste and Pollution Management	6ср	
	, , , , , , , , , , , , , , , , , , , ,	1		49125	Environmental Risk Assessment	6cp	
Comput	er Control Engineering major - subjects	typica	allv	49126	Environmental Management of Land	6ср	
-	in Autumn	.,,	,	49127	On-site Water and Wastewater Treatment	6ср	
			(49257	Geographic Information Systems	6ср	
49048	Wireless Networking Technologies		6ср				
32603	Systems Quality Management		6cp	Environ	ımental Engineering major - subjects typi	cally	
32555	Fundamentals of Software Development		6cp	offered	in Autumn		
19275	Neural Networks and Fuzzy Logic		6ср	49109	Engineered Natural Water Treatment System	ıs	6cp
				49123	Waste and Pollution Management		6cr
-	ter Control Engineering major - subjects	typica	ally	49126	Environmental Management of Land		6cr
offered	in Spring			49257	Geographic Information Systems		6cr
49261	Biomedical Instrumentation		6ср	17237	Geographic information by stems		120
49262	Web Technologies		6ср	Fnviron	mental Engineering major - subjects typi	cally	
19263	Software Analysis and Design		6ср			cutty	
19274	Advanced Robotics		6ср		in Spring		
			1	49049	Air and Noise Pollution		6cr
Engine	ering Management major			49121	Environmental Assessment and Planning		6cr
	ur subjects from the following:		24cp	49122	Ecology and Sustainability		6cr
49001	Judgment and Decision Making	6ср	-1	49125	Environmental Risk Assessment		6cr
49002	Managing Projects	6ср		49127	On-site Water and Wastewater Treatment		6cr
49003	Economic Evaluation	6ср					
49006	Risk Management in Engineering	6ср			overnment Engineering major		
49016	Technology and Innovation Management	6ср			ur subjects from the following:		24cr
49069	Leadership and Responsibility			49102	Traffic and Transportation	6ср	
49098	Engineering Financial Control	6cp		49258	Pavement Analysis and Design	6ср	
		6ср		49106	Road Engineering Practice	6ср	
19306	Quality and Operations Management			49107	Urban Stormwater Design	6ср	
40200	Systems	6cp		49108	Local Government Powers and Practice	6ср	
19309	Quality Planning and Analysis	6ср		49121	Environmental Assessment and Planning	6cp	
49680	Value Chain Engineering Systems	6ср		49126	Environmental Management of Land	6cp	
Fnainea	ering Management major - subjects typic	allv				•	
	in Autumn	utty			overnment Engineering major - subjects	typica	ally
49001	Judgment and Decision Making		6ср		in Autumn		_
19002	Managing Projects		6ср	49102	Traffic and Transportation		6cp
49003	Economic Evaluation		6ср	49107	Urban Stormwater Design		6cr
49006	Risk Management in Engineering		6ср	49108	Local Government Powers and Practice		6cp
49016	Technology and Innovation Management		6ср	49258	Pavement Analysis and Design		6cr
	Leadership and Responsibility			49126	Environmental Management of Land		6cr
49069	1 1 1		6ср				
19098	Engineering Financial Control		6cp	Local G	overnment Engineering major - subjects	typica	ally
49306	Quality and Operations Management Syste	ms	6cp	offered	in Spring		
19309	Quality Planning and Analysis		6cp	49106	Road Engineering Practice		6cp
49680	Value Chain Engineering Systems		6ср	49121	Environmental Assessment and Planning		6cr
Engine	ering Management major - subjects typic	ally		Manufa	sturing Engineering and Management ma	ior	
offered	in Spring				cturing Engineering and Management ma	JUI	24
49001	Judgment and Decision Making		6ср		ur subjects from the following:	6	24cr
49002	Managing Projects		6ср	49002	Managing Projects	6cp	
49003	Economic Evaluation			49049	Air and Noise Pollution	6cp	
49005 49006			6cp	49307	Internal Combustion Engines	6cp	
	Risk Management in Engineering		6cp	49316	Materials Handling	6ср	
49016	Technology and Innovation Management		6cp	49321	Energy Conversion	6ср	
19069	Leadership and Responsibility		6cp	49322	Airconditioning	6ср	
19098	Engineering Financial Control		6cp	49325	Computer-aided Mechanical Design	6ср	
49306	Quality and Operations Management Syste	ms	6cp	49328	Turbomachines	6cp	
19309	Quality Planning and Analysis		6cp	49928	Design Optimisation for Manufacturing	6cp	
49680	Value Chain Engineering Systems		6ср	49312	Advanced Flow Modelling	6cp	
					U	1	

	turing Eng and Management - subjects t	ypically		munications Engineering major		(
	in Autumn	_	49205 49215	Transmission Systems Telecommunications Industry Management		6cı
49002	Managing Projects	6ср		, 0		6cp
49316	Materials Handling	6cp		subjects from the following:		12c _F
49321	Energy Conversion	6cp	49048	Wireless Networking Technologies	6ср	
49322	Airconditioning	6cp	49099	GSM, GPRS and EDGE Technologies	6ср	
49928	Design Optimisation for Manufacturing	6ср	49110	3G Mobile Communication Systems	6ср	
Manufac	turing Eng and Management - subjects t	vnically	49201	Integrated Services Networks	6ср	
		ypicatty	49203	Telecommunications Signal Processing	6ср	
	in Spring	(49223	Satellite Communication Systems	6ср	
49002	Managing Projects	6cp	49249	Telecommunications Engineering Review	6ср	
49049	Air and Noise Pollution	6ср	Talaaama	iti Fiiii		
49307	Internal Combustion Engines	6ср		munications Engineering major - subjec	t typi	cally
49312	Advanced Flow Modelling	6ср		n Autumn		
49325	Computer-aided Mechanical Design	6ср	49048	Wireless Networking Technologies		6cp
49328	Turbomachines	6ср	49099	GSM, GPRS and EDGE Technologies		6cp
Coftwar	o Engineering major		49203	Telecommunications Signal Processing		6cp
49262	e Engineering major Web Technologies	600	49205	Transmission Systems		6cp
49263	Software Analysis and Design	6cp	49249	Telecommunications Engineering Review		6cp
32603	Systems Quality Management	6cp	- .			
32555	Fundamentals of Software Development	6cp		munications Engineering major - subjec	t typi	cally
32333	rundamentals of Software Development	6ср	offered ii			
Software	e Engineering major - subjects typically	offered in	49110	3G Mobile Communication Systems		6cp
	= inginical inig iniaja. Subjects typicalty		49201	Integrated Services Networks		6cp
Autumn	Carlama Occalit Management	(49215	Telecommunications Industry Management		6cr
32603	Systems Quality Management	6ср	49223	Satellite Communication Systems		6cj
32555	Fundamentals of Software Development	6ср	49249	Telecommunications Engineering Review		6cj
Softwar	e Engineering major - subjects typically	offered in				•
	e Engineering major - subjects typicatty	onereu m		munication Networks major		
Spring	TAT 1 TO 1 1 1		49202	Communication Protocols		6cp
49262	Web Technologies	6cp	49238	Telecommunication Networks Management		6cp
49263	Software Analysis and Design	6ср	Soloct two	subjects from the following:		12cr
Ctructur	ol Engineering major		49048	Wireless Networking Technologies	6ср	1201
	al Engineering major	2.4	49110	3G Mobile Communication Systems	6ср	
	r subjects from the following:	24cp	49201	Integrated Services Networks		
49002	Managing Projects	6ср			6cp	
49047	Finite Element Analysis	6ср	49203	Telecommunications Signal Processing	6ср	
49115	Facade Engineering	6ср	49215	Telecommunications Industry		
49131	Bridge Design	6ср		Management	6ср	
49134	Structural Dynamics and Earthquake		49249	Telecommunications Engineering Review	6ср	
	Engineering	6ср	49262	Web Technologies	6ср	
49136	Application of Timber in Engineering	1	32555	Fundamentals of Software Development	6ср	
	Structures	6ср	32570	Enterprise Software Architecture and		
49150	Prestressed Concrete Design	6cp		Middleware	6ср	
49128	Structural Engineering Review 1	6cp	32001	Mobile Commerce Technologies	6ср	
49119	Problematic Soils and Ground	ocp	32118	Mobile Communications and Computing	6cp	
1/11/	Improvement Techniques	6ср	42902	Interior Routing and High Availability	6cp	
49118	Applied Geotechnics		42903	Multi Protocol Label Switching	6ср	
49135	Wind Engineering	6cp			···r	
		6cp	Telecomi	munications Networks major - subjects	typica	allv
49151	Concrete Technology and Practice	6ср		n Autumn	,,	•
49254	Advanced Soil Mechanics and Foundation	(49048	Wireless Networking Technologies		60
	Design	6ср		_ 0 _ 0		6c _l
Charletin	el Engineering major , subjects typically	, affarad	49202	Communication Protocols		6c _l
	al Engineering major - subjects typically	y offered	49203	Telecommunications Signal Processing		6cp
in Autun	nn		49249	Telecommunications Engineering Review		6cp
49002	Managing Projects	6ср	32555	Fundamentals of Software Development		6cp
49047	Finite Element Analysis	6ср	Tologomy	munications Notworks major subjects	tunio	ally
49119	Problematic Soils and Ground Improvement	t		munications Networks major - subjects	typic	ally
	Techniques	6ср	offered ii			
49135	Wind Engineering	6cp	49110	3G Mobile Communication Systems		6cp
49136	Application of Timber in Engineering Struct		49201	Integrated Services Networks		6cr
49151	Concrete Technology and Practice	6cp	49215	Telecommunications Industry Management		6cp
		1	49238	Telecommunication Networks Management		6cp
Structur	al Engineering major - subjects typically	y offered	49262	Web Technologies		6cp
in Spring	9		32570	Enterprise Software Architecture and		•
49002	Managing Projects	6ср		Middleware		6cp
49134	Structural Dynamics and Earthquake	och				-1
1/1/1	Engineering	6ср	Water En	igineering major		
49131	Bridge Design			r subjects from the following:		24cr
		6cp	49107	Urban Stormwater Design	6ср	1
49150	Prestressed Concrete Design	6cp	49117	Floodplain Risk Management in NSW	6cp	
49118	Applied Geotechnics	6ср	49122	Ecology and Sustainability	6ср	
49254	Advanced Soil Mechanics and Foundation		49109	Engineered Natural Water Treatment	P	
	Design	6ср	17107	Systems	6ср	
			49255			
			49256	Catchment Modelling	6cp	
				Flood Estimation	6cp	
			49116	Contaminated Site and Waste Remediation	6cp	
			49126	Environmental Management of Land	6cp	
			49285	Emergency Management	6cp	

	ngineering major - subjects typically offe	ered i	n	•	s Engineering major		
Autumn 49107	Lishan Starmyzator Dagian		6an	49004 32569	Systems Engineering for Managers Enterprise Business Requirements		6ср 6ср
49107	Urban Stormwater Design Engineered Natural Water Treatment System	าร	6ср 6ср	49655	Integrated Logistic Support		6ср
49256	Flood Estimation	.1.5	6ср		redit points from the following options:		6ср
49126	Environmental Management of Land		6ср	49001	Judgment and Decision Making	6ср	оср
	ngineering major - subjects typically offe	ered i	n	49002 49003	Managing Projects Economic Evaluation	6ср 6ср	
Spring	Eloodalain Pick Management in NSW		6cn	Syctom	c Engineering major - cubicate typically	offoro	d in
49117 49122	Floodplain Risk Management in NSW Ecology and Sustainability		6ср 6ср	Autumn	s Engineering major - subjects typically	onere	a in
49255	Catchment Modelling		6ср	49001	Judgment and Decision Making		6ср
49116	Contaminated Site and Waste Remediation		6ср	49002	Managing Projects		6ср
49285	Emergency Management		6ср	49003	Economic Evaluation		6ср
No speci	fied major			49004	Systems Engineering for Managers		6cp
	credit points of options		24cp	32569 49655	Enterprise Business Requirements		6cp
			1	47000	Integrated Logistic Support		6ср
	nical Engineering major r subjects from the following:		24ср	System	s Engineering major - subjects typically	offere	d in
49102	Traffic and Transportation	6ср	24cp	Spring			
49106	Road Engineering Practice	6cp		49001	Judgment and Decision Making		6cp
49116	Contaminated Site and Waste Remediation	6ср		49002 49003	Managing Projects Economic Evaluation		6ср 6ср
49118	Applied Geotechnics	6ср		49003	Systems Engineering for Managers		6ср
49119	Problematic Soils and Ground Improvement Techniques	6ср					··r
49126	Environmental Management of Land	6ср			ical Engineering major		
49143	Civil Engineering Review 1	6cp		49261	Biomedical Instrumentation		6ср
49254	Advanced Soil Mechanics and Foundation	_			e of the following:		6ср
40057	Design	6cp		9140 9142		6ср	
49257 49258	Geographic Information Systems Pavement Analysis and Design	6ср 6ср		9142	29 Physiological Bases of Human Movement	6ср	
17230	Tavement Thanysis and Design	оср		Cala at 12		оср	10
Geotech	nical Engineering major - subjects typica	ally		49275	credit points from the following options: Neural Networks and Fuzzy Logic	6ср	12cp
	n Autumn			49274	Advanced Robotics	6cp	
49102	Traffic and Transportation	L	6ср	49048	Wireless Networking Technologies	6ср	
49119	Problematic Soils and Ground Improvement Techniques	L	6ср	32555	Fundamentals of Software Development	6cp	
49126	Environmental Management of Land		6ср	91705 91403	Medical Devices and Diagnostics Medical Imaging	6ср 6ср	
49257	Geographic Information Systems		6ср	91140	BioNanotechnology	6ср	
49258	Pavement Analysis and Design		6ср	91239	Human Pathophysiology	6cp	
Geotech	nical Engineering major - subjects typic	allv		Diamod	ical Engineering major - subjects typica	lly offe	rod
offered i		,		in Autur		tty orre	ereu
49106	Road Engineering Practice		6ср	91429	Physiological Bases of Human Movement		6ср
49116	Contaminated Site and Waste Remediation		6ср	49275	Neural Networks and Fuzzy Logic		6ср
49118	Applied Geotechnics		6ср	49048	Wireless Networking Technologies		6ср
							6ср
49254	Advanced Soil Mechanics and Foundation		6ср	32555	Fundamentals of Software Development		Com
49254	Advanced Soil Mechanics and Foundation Design		6ср				6ср
49254 Operatio	Advanced Soil Mechanics and Foundation Design		-	32555 91403	Fundamentals of Software Development	lly offe	6ср
49254 Operatio 49309	Advanced Soil Mechanics and Foundation Design ons major Quality Planning and Analysis		6ср	32555 91403 Biomed in Sprin	Fundamentals of Software Development Medical Imaging ical Engineering major - subjects typical	lly offe	6ср
49254 Operatio 49309 49002	Advanced Soil Mechanics and Foundation Design ons major Quality Planning and Analysis Managing Projects		6cp 6cp	32555 91403 Biomed in Sprin 49261	Fundamentals of Software Development Medical Imaging ical Engineering major - subjects typica g Biomedical Instrumentation	lly offe	6cp ered 6cp
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C04094v5 Master of Engineering Management

Award(s): Master of Engineering Management (MEM)

CRICOS code: 008685A

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Note(s)

This course is also offered offshore. It is available in Hong Kong. The language of tuition is English.

Overview

The Master of Engineering Management (MEM) is the ideal course for engineers, technical specialists and others wishing to expand their managerial skills within a technology-based organisation. The MEM has been specifically designed to emphasise the interface between technology and management.

The MEM program provides an opportunity for engineers and others who are seeking a career in engineering management to undertake a formal course of relevant study at a master's level. It may also be of benefit to current engineering managers to undertake formal study and gain recognition of their knowledge and experience.

Career options

Engineering and applied science jobs are becoming increasingly multidisciplinary. Knowledge and skills in technical management gained from completing the MEM can assist in obtaining a high-quality engineering or engineering management position.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Credit recognition is considered in accordance with the University's policy on credit recognition:

www.gsu.uts.edu.au/policies/credit-recognition.html

Students may be eligible for credit recognition based on previous postgraduate award study. Subjects undertaken as part of an undergraduate degree, irrespective of their level of study, are not normally considered for credit recognition.

Students who have completed postgraduate subjects as part of a postgraduate degree may be eligible for credit recognition of up to 12 credit points (two subjects) towards an engineering master's degree.

Students who have previously completed subjects at UTS that are part of the postgraduate degree to which they are admitted, may be eligible for credit recognition of up to 18 credit points (three subjects) towards an engineering masters'degree.

Students who have previously completed subjects as part of a UTS Engineering graduate certificate may be eligible for credit recognition of up to 24 credit points (four subjects) towards equivalent subjects in an engineering master's degree.

Further information is available at:

www.eng.uts.edu.au/courses/postgraduate/credit-recognition.html

Course duration and attendance

The course duration is two years if two subjects are taken per semester. The course can also be completed in one year of full-time study if four subjects per semester are completed. The program is structured for evening attendance or distance mode. Extra intensive classes may be held during Summer session for selected subjects.

Course structure

The course requires 48 credit points of study. A minimum of 36 credit points (six subjects) must be completed from the list of MEM core subjects. Any remaining credit points should be completed from other postgraduate subjects within UTS: Engineering in the range 49000 to 49999, except for 49277, 49278, 49279, 49454, 49458, 49459, 49460, 49461, 49462, 49463, 49464 and 49465. Not less than 60 per cent (five subjects) of the total number of credit points must be completed through subjects offered by UTS: Engineering.

Course completion requirements

oodi se comptetion requirements	
CBK90154 Core subjects choice	36ср
CBK90743 Electives	12cp
	Total 48cp

Course program

The core and elective choices are shown below.

Select 36 ct 49001 49002 49003 49004 49309 49680	redit points from the following options: Judgment and Decision Making Managing Projects Economic Evaluation Systems Engineering for Managers Quality Planning and Analysis Value Chain Engineering Systems		6cp 6cp 6cp 6cp 6cp	36ср
Select 49069 21844	I - I - I	6ср 6ср	6ср	
Select 49098 22747	0 0	6ср 6ср	6ср	

Subjects typically offered in Autumn

Select 12 credit points of electives

21844	Managing Work and People	6ср
22747	Accounting for Managerial Decisions	6ср
49001	Judgment and Decision Making	6ср
49002	Managing Projects	6ср
49003	Economic Evaluation	6ср
49004	Systems Engineering for Managers	6ср
49069	Leadership and Responsibility	6ср
49098	Engineering Financial Control	6ср
49309	Quality Planning and Analysis	6ср
49680	Value Chain Engineering Systems	6ср

12cp

Subjects typically offered in Spring

Subjects	s typically offered in Spring	
21844	Managing Work and People	6ср
22747	Accounting for Managerial Decisions	6ср
49001	Judgment and Decision Making	6ср
49002	Managing Projects	6ср
49003	Economic Evaluation	6ср
49004	Systems Engineering for Managers	6ср
49069	Leadership and Responsibility	6ср
49098	Engineering Financial Control	6ср
49309	Quality Planning and Analysis	6ср
49680	Value Chain Engineering Systems	6ср

Further study at UTS

The Master of Business Administration (C04018) (see page 303) (Technology Management major) may be entered directly after completion of this course. With suitable choice of subjects from the MEM, exemptions may be granted for up to eight subjects in the MBA.

Other information

Further information is available from:

Building 1 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C04097v2 Master of Engineering Studies

Award(s): Master of Engineering Studies (MEStud) UAC code: 942301 (No specified) (Autumn semester), 942304 (Software Engineering) (Autumn semester), 942307 (Structural Engineering) (Autumn semester), 942310 (Telecommunication Networks) (Autumn semester), 942313 (Telecommunications Engineering) (Autumn semester), 942316 (Water Engineering) (Autumn semester), 942319 (Computer Control Engineering) (Autumn semester), 942322 (Energy Planning and Policy) (Autumn semester), 942325 (Local Government Engineering) (Autumn semester), 942331 (Manufacturing Engineering and Management) (Autumn semester), 942339 (Telecommunications Engineering and Telecommunication Networks) (Autumn semester). 942340 (Local Government Engineering and Environmental Engineering) (Autumn semester), 942350 (Civil Engineering) (Autumn semester), 942354 (Civil Engineering and Structural Engineering) (Autumn semester), 942356 (Integrated Logistic Support and Engineering Management) (Autumn semester), 942359 (Geotechnical Engineering) (Autumn semester), 942362 (Civil and Geotechnical Engineering) (Autumn semester), 942365 (Operations) (Autumn semester), 942368 (Systems Engineering) (Autumn semester), 942371 (Biomedical Engineering) (Autumn semester), 945301 (No specified) (Spring semester), 945304 (Software Engineering) (Spring semester), 945307 (Structural Engineering) (Spring semester), 945310 (Telecommunication Networks) (Spring semester), 945313 (Telecommunications Engineering) (Spring semester), 945316 (Water Engineering) (Spring semester), 945319 (Computer Control Engineering) (Spring semester), 945322 (Energy Planning and Policy) (Spring semester), 945325 (Local Government Engineering) (Spring semester), 945331 (Manufacturing Engineering and Management) (Spring semester), 945339 (Telecommunications Engineering and Telecommunication Networks) (Spring semester), 945340 (Local Government Engineering and Environmental Engineering) (Spring semester), 945350 (Civil Engineering) (Spring semester), 945354 (Civil Engineering and Structural Engineering) (Spring semester), 945356 (Integrated Logistic Support and Engineering Management) (Spring semester), 945359 (Geotechnical Engineering) (Spring semester), 945362 (Civil and Geotechnical Engineering) (Spring semester), 945365 (Operations) (Spring semester), 945368 (Systems Engineering) (Spring semester), 945371 (Biomedical Engineering) (Spring

CRICOS code: 028689J Commonwealth-supported place?: No Load credit points: 48 Course EFTSL: 1

Overview

Location: City campus

The flexible structure of this course allows recently graduated engineers and technical specialists to deepen the knowledge and skills gained in their first degree while expanding their managerial and policy knowledge.

Students may choose a program of study that deepens the body of knowledge acquired in their first degree as well as expands knowledge boundaries into policy and engineering management areas. The program of study is usually framed within a postgraduate program major and supervised by an experienced academic in that field. Students also have the option of not electing a major.

Career options

Students who have a basic engineering undergraduate degree are able to enhance their ability and knowledge through master's-level courses in their respective majors, enabling them to gain and hold employment in their respective engineering fields.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Previous qualifications must be in engineering or another technological/applied science field.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Credit recognition is considered in accordance with the University's policy on credit recognition:

www.gsu.uts.edu.au/policies/credit-recognition.html

Students may be eligible for credit recognition based on previous postgraduate award study. Subjects undertaken as part of an undergraduate degree, irrespective of their level of study, are not normally considered for credit recognition.

Students who have completed postgraduate subjects as part of a postgraduate degree may be eligible for credit recognition of up to 12 credit points (two subjects) towards an engineering master's degree.

Students who have previously completed subjects at UTS that are part of the postgraduate degree to which they are admitted, may be eligible for credit recognition of up to 18 credit points (three subjects) towards an engineering masters' degree.

Students who have previously completed subjects as part of a UTS Engineering graduate certificate may be eligible for credit recognition of up to 24 credit points (four subjects) towards equivalent subjects in an engineering master's degree.

Further information is available at:

www.eng.uts.edu.au/courses/postgraduate/credit-recognition.html

Course duration and attendance

The course requires one year of full-time or two years of part-time study.

Subjects are offered as three-hour weekly sessions, in block or distance mode. Each subject usually requires three hours of class attendance per week. Subjects offered by distance mode require similar hours but at the convenience of the student.

Course structure

Students must complete eight postgraduate subjects (totalling 48 credit points) offered by UTS: Engineering. Students wishing to have a major noted on their academic transcript must complete subjects as specified under that major.

Course completion requirements

CBK90330 Major choice 48cp Total 48cp

Course program

The tables below give details of each major: for each major there are three tables. The first lists the compulsory subjects and allowable option choices for the major. The next two tables show the subjects typically offered in Autumn and Spring semesters. Where an elective is specified, any subject in the range 49000 to 49999 is recommended, except for 49277, 49278, 49279, 49454, 49458, 49459, 49460, 49461, 49462, 49463, 49464 and 49465. Some subjects are offered in weekly mode, others in block mode, and others in distance mode or a combination of modes.

List of majors

MAJ03454	Civil Engineering	48cp
MAJ03456	Civil Engineering and Structural Engineering	48cp
MAJ03430	Computer Control Engineering	48cp
MAJ03380	Energy Planning and Policy	48cp
MAJ03375	Local Government Engineering	48cp
MAJ03443	Local Government Engineering and	-
	Environmental Engineering	48cp
MAJ03415	Manufacturing Engineering and Management	48cp

	9 Software Engineering		48cp	Civil Eng	ineering and Structural Engineering ma	ajor	
MAJ03378	8 Structural Engineering		48cp		r subjects from the following:	•	24cp
	5 Telecommunication Networks		48cp	49002	Managing Projects	6ср	_
	2 Telecommunications Engineering		48cp	49047	Finite Element Analysis	6ср	
MAJ0343	1 Telecommunications Engineering and		40	49115	Facade Engineering	6ср	
3.6.4.100.00	Telecommunication Networks		48cp	49134	Structural Dynamics and Earthquake	_	
	2 Water Engineering		48cp	40406	Engineering	6ср	
	8 No specified major	_	48cp	49136	Application of Timber in Engineering		
MAJ0345.	2 Integrated Logistic Support and Engineering	3	10	40450	Structures	6cp	
N / A TO 2 / E/	Management		48cp	49150	Prestressed Concrete Design	6cp	
	9 Civil and Geotechnical Engineering		48cp	49129	Structural Engineering Review 2	6ср	
	OGeotechnical Engineering		48cp	49119	Problematic Soils and Ground	(
	4 Operations 6 Biomedical Engineering		48cp 48cp	40121	Improvement Techniques	6cp	
	7 Systems Engineering		48cp	49131 49254	Bridge Design Advanced Soil Mechanics and Foundation	6ср	
WIAJ0540.	7 Systems Engineering		40CP	49234	Design	6ср	
Civil Eng	jineering major			49258	Pavement Analysis and Design	6ср	
	r subjects from the following:		24cp			оср	
49002	Managing Projects	6ср	1		r subjects from the following:		24cp
49102	Traffic and Transportation	6ср		49002	Managing Projects	6cp	
49105	Water Supply and Wastewater	•		49102	Traffic and Transportation	6ср	
	Management	6ср		49105	Water Supply and Wastewater		
49106	Road Engineering Practice	6ср		10106	Management	6cp	
49107	Urban Stormwater Design	6ср		49106	Road Engineering Practice	6cp	
49109	Engineered Natural Water Treatment			49107	Urban Stormwater Design	6ср	
	Systems	6ср		49109	Engineered Natural Water Treatment		
49115	Facade Engineering	6ср		4011E	Systems	6cp	
49121	Environmental Assessment and Planning	6ср		49115	Facade Engineering	6cp	
49126	Environmental Management of Land	6ср		49121 49126	Environmental Assessment and Planning	6cp	
49131	Bridge Design	6ср		49120	Environmental Management of Land Bridge Design	6ср 6ср	
49136	Application of Timber in Engineering			49136	Application of Timber in Engineering	оср	
40150	Structures	6ср		47150	Structures	6ср	
49150	Prestressed Concrete Design	6cp		49150	Prestressed Concrete Design	6ср	
49143 49119	Civil Engineering Review 1 Problematic Soils and Ground	6ср		49144	Civil Engineering Review 2	6ср	
49119	Improvement Techniques	6cn				· · · · ·	
49254	Advanced Soil Mechanics and Foundation	6ср		Civil and	l Structural Eng major - subjects typical	ly offe	ered
47254	Design	6ср		in Autun	nn		
49258	Pavement Analysis and Design	6ср		49002	Managing Projects		6ср
49118	Applied Geotechnics	6ср		49047	Finite Element Analysis		6cp
	• •	···r	40	49102	Traffic and Transportation		6ср
	ee subjects from the following:		18cp	49105	Water Supply and Wastewater Management		6ср
49001	Judgment and Decision Making	6ср		49107	Urban Stormwater Design		6ср
49013	Managing Information Technology in			49109	Engineered Natural Water Treatment System	ns	6ср
40016	Engineering Tashnalagy and Innovation Management	6cp		49119	Problematic Soils and Ground Improvement	t	
49016	Technology and Innovation Management	6ср			Techniques		6ср
49306	Quality and Operations Management	6an		49126	Environmental Management of Land		6ср
	Systems	6ср		49134	Structural Dynamics and Earthquake		
			6ср		Engineering		6ср
Select 6 ca	redit points of electives		ocp	10107			
	•	ad in	ocp	49136	Application of Timber in Engineering Struct	ures	6ср
Civil Eng	redit points of electives Jineering major - subjects typically offer	ed in	ocp		Application of Timber in Engineering Struct		1
Civil Eng Autumn	ineering major - subjects typically offer	ed in		Civil and	Application of Timber in Engineering Struct Structural Eng major - subjects typical		1
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Civil Eng Autumn 49001 49002 49013	Jineering major - subjects typically offer Judgment and Decision Making Managing Projects Managing Information Technology in Engineering	red in	6cp 6cp 6cp	Civil and in Spring 49002 49106 49115	Application of Timber in Engineering Struct Structural Eng major - subjects typical Managing Projects Road Engineering Practice Facade Engineering		6cp 6cp 6cp
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Civil Eng Autumn 49001 49002 49013 49016 49102	Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Traffic and Transportation		6cp 6cp 6cp 6cp 6cp	Civil and in Spring 49002 49106 49115 49121 49131	Application of Timber in Engineering Struct Structural Eng major - subjects typical Managing Projects Road Engineering Practice Facade Engineering Environmental Assessment and Planning Bridge Design		6cp 6cp 6cp 6cp 6cp
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Civil Eng Autumn 49001 49002 49013 49016 49105 49107 49109 49126 49136 49306 49119 Civil Eng Spring 49001 49002 49013 49016 49106 49115 49121 49150 49306	Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Traffic and Transportation Water Supply and Wastewater Management Urban Stormwater Design Engineered Natural Water Treatment System Environmental Management of Land Application of Timber in Engineering Struct Quality and Operations Management System Problematic Soils and Ground Improvement Techniques Inneering major - subjects typically offer Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Road Engineering Practice Facade Engineering Environmental Assessment and Planning Bridge Design Prestressed Concrete Design Quality and Operations Management System	ures ns t	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Civil and in Spring 49002 49106 49115 49121 49131 49150 Compute Select two 49261 49274 49275 Select two 49048 49261 49262 49263 32603 32555 49274 49275 Select through the select through the select two 4901 Select through the select through t	Application of Timber in Engineering Struct I Structural Eng major - subjects typicall Managing Projects Road Engineering Practice Facade Engineering Environmental Assessment and Planning Bridge Design Prestressed Concrete Design Prestressed Concrete Design Prestressed Robotics Soubjects from the following: Biomedical Instrumentation Advanced Robotics Neural Networks and Fuzzy Logic Subjects from the following: Wireless Networking Technologies Biomedical Instrumentation Web Technologies Software Analysis and Design Systems Quality Management Fundamentals of Software Development Advanced Robotics Neural Networks and Fuzzy Logic Prestressed Concrete Design Systems Quality Management Fundamentals of Software Development Advanced Robotics Neural Networks and Fuzzy Logic Prestressed Concrete Design Systems Quality Management Fundamentals of Software Development Advanced Robotics Neural Networks and Fuzzy Logic Prestressed Concrete Design Prestressed Concrete Peace Planning	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 12cp
Civil Eng Autumn 49001 49002 49013 49016 49102 49105 49107 49109 49126 49136 49306 49119 Civil Eng Spring 49001 49002 49013 49016 49106 49115 49121 49131 49150	Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Traffic and Transportation Water Supply and Wastewater Management Urban Stormwater Design Engineered Natural Water Treatment System Environmental Management of Land Application of Timber in Engineering Struct Quality and Operations Management System Problematic Soils and Ground Improvement Techniques Jineering major - subjects typically offer Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Road Engineering Practice Facade Engineering Environmental Assessment and Planning Bridge Design Prestressed Concrete Design	ures ns t	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Civil and in Spring 49002 49106 49115 49121 49131 49150 Compute Select two 49261 49275 Select two 49048 49261 49262 49263 32603 32555 49274 49275 Select through 49013 49016	Application of Timber in Engineering Struct I Structural Eng major - subjects typicall Managing Projects Road Engineering Practice Facade Engineering Environmental Assessment and Planning Bridge Design Prestressed Concrete Design Prestressed Concrete Design Prestressed Robotics Design Prestressed Robotics Design Prestressed Robotics Design Prestressed Robotics Design Prestressed Robotics Design Prestressed Robotics Design Prestressed Robotics Design Prestressed Robotics Design Prestressed Robotics Design Prestressed Robotics Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 12cp
Civil Eng Autumn 49001 49002 49013 49016 49105 49107 49109 49126 49136 49306 49119 Civil Eng Spring 49001 49002 49013 49016 49106 49115 49121 49150 49306	Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Traffic and Transportation Water Supply and Wastewater Management Urban Stormwater Design Engineered Natural Water Treatment System Environmental Management of Land Application of Timber in Engineering Struct Quality and Operations Management System Problematic Soils and Ground Improvement Techniques Inneering major - subjects typically offer Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Road Engineering Practice Facade Engineering Environmental Assessment and Planning Bridge Design Prestressed Concrete Design Quality and Operations Management System	ures ns t	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Civil and in Spring 49002 49106 49115 49121 49131 49150 Compute Select two 49261 49274 49275 Select two 49048 49261 49262 49263 32603 32555 49274 49275 Select through 49013 49016 49306	Application of Timber in Engineering Struct I Structural Eng major - subjects typicall Managing Projects Road Engineering Practice Facade Engineering Environmental Assessment and Planning Bridge Design Prestressed Concrete Design Prestressed Concrete Design Prestressed Robotics Soubjects from the following: Biomedical Instrumentation Advanced Robotics Neural Networks and Fuzzy Logic Subjects from the following: Wireless Networking Technologies Biomedical Instrumentation Web Technologies Software Analysis and Design Systems Quality Management Fundamentals of Software Development Advanced Robotics Neural Networks and Fuzzy Logic Prestressed Concrete Design Systems Quality Management Fundamentals of Software Development Advanced Robotics Neural Networks and Fuzzy Logic Prestressed Concrete Design Systems Quality Management Fundamentals of Software Development Advanced Robotics Neural Networks and Fuzzy Logic Prestressed Concrete Design Prestressed Concrete Peace Planning	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 12cp

Compute	er Control Engineering major - subjects t	ypically	49098	Engineering Financial Control		6cp
-	n Autumn		49309	Quality Planning and Analysis		6cp
49001	Judgment and Decision Making	6ср	49655	Integrated Logistic Support		6ср
49013	Managing Information Technology in	1	49680	Value Chain Engineering Systems		6cp
	Engineering	6ср	Local G	overnment Engineering major		
49016	Technology and Innovation Management	6cp		overnment Engineering major our subjects from the following:		24cm
49048	Wireless Networking Technologies	6ср	49102	Traffic and Transportation	6an	24cp
32603	Systems Quality Management	6ср	49258	Pavement Analysis and Design	6cp	
32555	Fundamentals of Software Development	6ср	49236		6cp	
49275	Neural Networks and Fuzzy Logic	6ср	49107	Road Engineering Practice Urban Stormwater Design	6cp	
49306	Quality and Operations Management System	ıs 6cp	49108	Local Government Powers and Practice	6ср 6ср	
			49121	Environmental Assessment and Planning	6ср	
-	er Control Engineering major - subjects t	ypically	49126	Environmental Management of Land	6ср	
offered i				ě	оср	4.0
49001	Judgment and Decision Making	6ср		ree subjects from the following:		18cp
49013	Managing Information Technology in		49001	Judgment and Decision Making	6ср	
	Engineering	6ср	49013	Managing Information Technology in		
49016	Technology and Innovation Management	6ср	10016	Engineering	6cp	
49261	Biomedical Instrumentation	6ср	49016	Technology and Innovation Management	6ср	
49262	Web Technologies	6ср	49306	Quality and Operations Management		
49263	Software Analysis and Design	6cp		Systems	6ср	
49274	Advanced Robotics	6cp	Select 6	credit points of electives		6cp
49306	Quality and Operations Management System	ıs 6cp				_
Energy B	lanning and Policy major		Local G	overnment Engineering - subjects typica	illy off	fered
49021	Evaluation of Infrastructure Investments	6cn	in Autu	mn		
49021	Energy Modelling	6cp	49001	Judgment and Decision Making		6cp
49706		6cp	49013	Managing Information Technology in		1
49706	Regulatory Economics Electricity Sector Planning and Restructuring	6ср ; 6ср		Engineering		6cp
		оср	49016	Technology and Innovation Management		6cp
	ee subjects from the following:	18cp	49102	Traffic and Transportation		6cp
49029	Environmental Policy for Energy Systems	6ср	49258	Pavement Analysis and Design		6cp
49025	Methods for Energy Analysis	6ср	49107	Urban Stormwater Design		6cp
49027	Energy Demand Analysis and Forecasting	6ср	49108	Local Government Powers and Practice		6cp
49028	Policy and Planning of Energy		49126	Environmental Management of Land		6cp
40000	Conservation	6ср	49306	Quality and Operations Management Syste	ms	6cp
49022	Energy Resources and Technology	6ср	1 1 0			ć
49023	Energy and Environmental Economics	6ср		overnment Engineering - subjects typica	illy off	rered
49701	Gas Sector Planning	6ср	in Sprir	ng		
49702	Gas Distribution Technology and	(49001	Judgment and Decision Making		6cp
40702	Management	6ср	49013	Managing Information Technology in		
49703	Selected Topics (Energy Pricing)	6ср		Engineering		6cp
Energy P	lanning and Policy major - subjects typic	ally	49016	Technology and Innovation Management		6cp
		atty	49106	Road Engineering Practice		6cp
	n Autumn	6	49121	Environmental Assessment and Planning		6cp
49021	Evaluation of Infrastructure Investments	6cp	49306	Quality and Operations Management Syste	ms	6cp
49025	Methods for Energy Analysis	6ср	Local C	overnment England Environmental Engl	maiar	
49026 49027	Electricity Sector Planning and Restructuring			overnment Eng and Environmental Eng i	пајот	
49027	Energy Demand Analysis and Forecasting	6ср	49108 49121	Local Government Powers and Practice Environmental Assessment and Planning		6cp
Fneray P	lanning and Policy major - subjects typic	ally	49121	Environmental Management of Land		6cp
offered i		utty	49123	Waste and Pollution Management		6cp
49024	Energy Modelling	600		<u>g</u>		6cp
49024		6cp		ur subjects from the following:		24cp
49028	Policy and Planning of Energy Conservation	6cp	49049	Air and Noise Pollution	6ср	
49029	Environmental Policy for Energy Systems Regulatory Economics	6cp	49102	Traffic and Transportation	6ср	
49700	Regulatory Economics	6ср	49106	Road Engineering Practice	6ср	
Integrate	ed Logistic Support and Engineering Man	agement	49107	Urban Stormwater Design	6ср	
major			49122	Ecology and Sustainability	6ср	
49001	Judgment and Decision Making	6cn	49125	Environmental Risk Assessment	6ср	
49001	Systems Engineering for Managers	6ср 6ср	49127	On-site Water and Wastewater Treatment	6ср	
49069	Leadership and Responsibility		49109	Engineered Natural Water Treatment		
49098	Engineering Financial Control	6ср 6ср		Systems	6ср	
49309	Quality Planning and Analysis	6ср	Local C	out England Env Englandier - cubicate tur	sically.	
49655	Integrated Logistic Support	6ср		ovt Eng and Env Eng major - subjects typ	ilcally	
49678	Reliability Availability and Maintainability			in Autumn		
49680	Value Chain Engineering Systems	6ср 6ср	49102	Traffic and Transportation		6cp
17000	varue enant Engineering by stems	оср	49107	Urban Stormwater Design		6cp
Integrate	ed Logistic Support Eng Mg - subjects typ	ically	49108	Local Government Powers and Practice		6cp
	n Autumn	•	49109	Engineered Natural Water Treatment System	ns	6cp
49001	Judgment and Decision Making	6ср	49123	Waste and Pollution Management		6cp
49004	Systems Engineering for Managers	6cp	49126	Environmental Management of Land		6ср
49069	Leadership and Responsibility	6ср	l ocal G	ovt Eng and Env Eng major - subjects typ	ically.	
49098	Engineering Financial Control	6ср			nearty	
49309	Quality Planning and Analysis	6ср		in Spring		_
49678	Reliability Availability and Maintainability	6ср	49049	Air and Noise Pollution		6cp
49680	Value Chain Engineering Systems	6ср	49106	Road Engineering Practice		6cp
		Ϋ́P	49121	Environmental Assessment and Planning		6cp
Integrate	ed Logistic Support Eng Mg - subjects typ	ically	49122	Ecology and Sustainability		6cp
offered in		•	49125	Environmental Risk Assessment		6cp
49001	Judgment and Decision Making	6ср	49127	On-site Water and Wastewater Treatment		6ср
49004	Systems Engineering for Managers	6ср				
49069	Leadership and Responsibility	6cp				
	1 1 J	T				

Manutact	uring Engineering and Management ma	ajor		49136	Application of Timber in Engineering		
	subjects from the following:	•	24cp		Structures	6ср	
49002	Managing Projects	6ср	•	49150	Prestressed Concrete Design	6ср	
49049	Air and Noise Pollution	6ср		49002	Managing Projects	6ср	
49307	Internal Combustion Engines	6ср		49115	Facade Engineering	6cp	
49316	Materials Handling	6cp		49118	Applied Geotechnics	6ср	
49321	Energy Conversion	6cp		49119	Problematic Soils and Ground	600	
49322	Airconditioning	6ср		49135	Improvement Techniques	6cp	
49325	Computer-aided Mechanical Design	6cp		49143	Wind Engineering Civil Engineering Review 1	6cp	
49328 49928	Turbomachines Design Optimisation for Manufacturing	6ср 6ср		49151	Concrete Technology and Practice	6cp 6cp	
49312	Advanced Flow Modelling	6ср		49254	Advanced Soil Mechanics and Foundation	оср	
	· ·	оср	40		Design	6ср	
	e subjects from the following:		18cp	Coloot thu	0	1	1000
49001	Judgment and Decision Making	6ср		49001	ee subjects from the following: Judgment and Decision Making	600	18cp
49013	Managing Information Technology in	600		49001	Managing Information Technology in	6ср	
49016	Engineering Technology and Innovation Management	6ср 6ср		49013	Engineering	6ср	
49306	Quality and Operations Management	оср		49016	Technology and Innovation Management	6ср	
17000	Systems	6ср		49306	Quality and Operations Management	ocp	
0.1	,	оср			Systems	6ср	
Select 6 cre	edit points of electives		6ср	Coloat 6 as	•	1	600
Manufact	uring Eng and Management - subjects t	vnica	llv	Select 6 C	redit points of electives		6ср
		уріса	ccy	Structur	al Engineering major - subjects typically	v offe	red
offered in 49002			600	in Autun		,	
49002	Managing Projects Materials Handling		6cp	49001	Judgment and Decision Making		6ср
49316	Energy Conversion		6ср 6ср	49002	Managing Projects		6ср
49322	Airconditioning		6ср	49013	Managing Information Technology in		оср
49928	Design Optimisation for Manufacturing		6ср	1,010	Engineering		6ср
17720	Design optimisation for manufacturing		оср	49016	Technology and Innovation Management		6ср
Manufact	uring Eng and Management - subjects t	ypica	lly	49047	Finite Element Analysis		6cp
offered in	n Spring			49119	Problematic Soils and Ground Improvement	t	-
	Managing Projects		6ср		Techniques		6ср
49049	Air and Noise Pollution		6cp	49136	Application of Timber in Engineering Struct		6ср
49307	Internal Combustion Engines		6ср	49306	Quality and Operations Management Syster	ns	6ср
49312	Advanced Flow Modelling		6ср	49135	Wind Engineering		6cp
49325	Computer-aided Mechanical Design		6ср	49151	Concrete Technology and Practice		6ср
49328	Turbomachines		6ср	Structur	al Engineering major - subjects typicall	v offe	red
Software	Engineering major					, one	ıcu
49002	Managing Projects		6ср	in Spring 49001	Judgment and Decision Making		6cn
49262	Web Technologies		6ср	49002	Managing Projects		6ср 6ср
49263	Software Analysis and Design		6ср	49013	Managing Information Technology in		оср
			6ср	17010	Engineering		6ср
32603	Systems Quality Management						
32603 32555	Systems Quality Management Fundamentals of Software Development			49016	Technology and Innovation Management		
32555	Fundamentals of Software Development		6ср	49016 49134	Technology and Innovation Management Structural Dynamics and Earthquake		6cp
32555 Select three	Fundamentals of Software Development e subjects from the following:	6cn			Technology and Innovation Management Structural Dynamics and Earthquake Engineering		
32555 Select three 49001	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making	6ср	6ср		Structural Dynamics and Earthquake Engineering Bridge Design		6ср
32555 Select three	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in		6ср	49134 49131 49150	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design		6cp 6cp 6cp 6cp
32555 Select three 49001 49013	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering	6ср	6ср	49134 49131 49150 49306	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster	ms	6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management		6ср	49134 49131 49150 49306 49118	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics	ns	6cp 6cp 6cp 6cp
32555 Select three 49001 49013	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management	6cp 6cp	6ср	49134 49131 49150 49306	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation	ms	6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016 49306	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems	6cp 6cp	6cp 18cp	49134 49131 49150 49306 49118	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics	ms	6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016 49306	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management	6cp 6cp	6cp 18cp	49134 49131 49150 49306 49118 49254	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design	ms	6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016 49306	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems	6cp 6cp	6cp 18cp	49134 49131 49150 49306 49118 49254 Telecom	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major	ms	6cp 6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49001	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making	6cp 6cp	6cp 18cp	49134 49131 49150 49306 49118 49254 Telecom 49202	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols		6cp 6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49001 49002	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects	6cp 6cp	6cp 18cp	49134 49131 49150 49306 49118 49254 Telecom 49202 49238	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management		6cp 6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49001	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in	6cp 6cp	6cp 18cp	49134 49131 49150 49306 49118 49254 Telecom 49202 49238 Select two	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management o subjects from the following:		6cp 6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49001 49002 49013	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering	6cp 6cp	6cp 18cp ed in 6cp 6cp	49134 49131 49150 49306 49118 49254 Telecom 49202 49238 Select two 49048	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management o subjects from the following: Wireless Networking Technologies	6ср	6cp 6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49001 49002 49013 49016	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management	6cp 6cp	6cp 18cp ed in 6cp 6cp 6cp	49134 49131 49150 49306 49118 49254 Telecom 49202 49238 Select two 49048 49201	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management o subjects from the following: Wireless Networking Technologies Integrated Services Networks		6cp 6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49001 49002 49013 49016 32603	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Systems Quality Management	6cp 6cp	6cp 18cp 18cp 6cp 6cp 6cp 6cp 6cp	49134 49131 49150 49306 49118 49254 Telecom 49202 49238 Select two 49048	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management o subjects from the following: Wireless Networking Technologies Integrated Services Networks Telecommunications Industry	6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49002 49013 49016 32603 32555	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Systems Quality Management Fundamentals of Software Development	6cp 6cp 6cp 6cp	6cp 18cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp	49134 49131 49150 49306 49118 49254 Telecom 49202 49238 Select two 49048 49201 49215	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management o subjects from the following: Wireless Networking Technologies Integrated Services Networks Telecommunications Industry Management	6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49001 49002 49013 49016 32603	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Systems Quality Management	6cp 6cp 6cp 6cp	6cp 18cp 18cp 6cp 6cp 6cp 6cp 6cp	49134 49131 49150 49306 49118 49254 Telecom 49202 49238 Select two 49048 49201 49215 49249	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management o subjects from the following: Wireless Networking Technologies Integrated Services Networks Telecommunications Industry Management Telecommunications Engineering Review	6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49001 49002 49013 49016 32603 32555 49306	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Systems Quality Management Fundamentals of Software Development Quality and Operations Management System	6cp 6cp 6cp offere	6cp 18cp 18cd in 6cp 6cp 6cp 6cp 6cp 6cp	49134 49131 49150 49306 49118 49254 Telecom 49202 49238 Select two 49048 49201 49215 49249 49262	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management o subjects from the following: Wireless Networking Technologies Integrated Services Networks Telecommunications Industry Management Telecommunications Engineering Review Web Technologies	6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49001 49002 49013 49016 32603 32555 49306 Software	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Systems Quality Management Fundamentals of Software Development	6cp 6cp 6cp offere	6cp 18cp 18cd in 6cp 6cp 6cp 6cp 6cp 6cp	49134 49131 49150 49306 49118 49254 Telecom 49202 49238 Select two 49048 49201 49215 49249	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management o subjects from the following: Wireless Networking Technologies Integrated Services Networks Telecommunications Industry Management Telecommunications Engineering Review	6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49001 49002 49013 49016 32603 32555 49306 Software Spring	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Systems Quality Management Fundamentals of Software Development Quality and Operations Management System Engineering major - subjects typically	6cp 6cp 6cp offere	6cp 18cp 18cd in 6cp 6cp 6cp 6cp 6cp 6cp 6cp	49134 49131 49150 49306 49118 49254 Telecom 49202 49238 Select two 49048 49201 49215 49249 49262	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management o subjects from the following: Wireless Networking Technologies Integrated Services Networks Telecommunications Industry Management Telecommunications Engineering Review Web Technologies Enterprise Software Architecture and	6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49001 49002 49013 49016 32603 32555 49306 Software Spring 49001	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Systems Quality Management Fundamentals of Software Development Quality and Operations Management System Engineering major - subjects typically Judgment and Decision Making	6cp 6cp 6cp offere	6cp 18cp 18cd in 6cp 6cp 6cp 6cp 6cp 6cp 6cp	49134 49131 49150 49306 49118 49254 Telecom 49202 49238 Select two 49048 49201 49215 49249 49262 32570	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management o subjects from the following: Wireless Networking Technologies Integrated Services Networks Telecommunications Industry Management Telecommunications Engineering Review Web Technologies Enterprise Software Architecture and Middleware	6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49001 49002 49013 49016 32603 32555 49306 Software Spring	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Systems Quality Management Fundamentals of Software Development Quality and Operations Management System Engineering major - subjects typically Judgment and Decision Making Managing Projects	6cp 6cp 6cp offere	6cp 18cp 18cd in 6cp 6cp 6cp 6cp 6cp 6cp 6cp	49134 49131 49150 49306 49118 49254 Telecom 49202 49238 Select two 49048 49201 49215 49249 49262 32570 49203 32555 49110	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management o subjects from the following: Wireless Networking Technologies Integrated Services Networks Telecommunications Industry Management Telecommunications Engineering Review Web Technologies Enterprise Software Architecture and Middleware Telecommunications Signal Processing Fundamentals of Software Development 3G Mobile Communication Systems	6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49002 49013 49016 32603 32555 49306 Software Spring 49001 49002	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Systems Quality Management Fundamentals of Software Development Quality and Operations Management System Engineering major - subjects typically Judgment and Decision Making	6cp 6cp 6cp offere	6cp 18cp 18cd in 6cp 6cp 6cp 6cp 6cp 6cp 6cp	49134 49131 49150 49306 49118 49254 Telecom 49202 49238 Select two 49048 49201 49215 49249 49262 32570 49203 32555 49110 32001	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management o subjects from the following: Wireless Networking Technologies Integrated Services Networks Telecommunications Industry Management Telecommunications Engineering Review Web Technologies Enterprise Software Architecture and Middleware Telecommunications Signal Processing Fundamentals of Software Development 3G Mobile Communication Systems Mobile Commerce Technologies	6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49002 49013 49016 32603 32555 49306 Software Spring 49001 49002	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Systems Quality Management Fundamentals of Software Development Quality and Operations Management System Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Projects Managing Projects Managing Information Technology in	6cp 6cp 6cp offere	6cp 18cp 18cd in 6cp 6cp 6cp 6cp 6cp 6cp 6cp	49134 49131 49150 49306 49118 49254 Telecom 49202 49238 Select two 49048 49201 49215 49249 49262 32570 49203 32555 49110 32001 32118	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management o subjects from the following: Wireless Networking Technologies Integrated Services Networks Telecommunications Industry Management Telecommunications Engineering Review Web Technologies Enterprise Software Architecture and Middleware Telecommunications Signal Processing Fundamentals of Software Development 3G Mobile Communication Systems Mobile Communications and Computing	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49002 49013 49016 32603 32555 49306 Software Spring 49001 49002 49013 49016 49022 49013	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Systems Quality Management Fundamentals of Software Development Quality and Operations Management System Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering	6cp 6cp 6cp offere	6cp 18cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49134 49131 49150 49306 49118 49254 Telecom 49202 49238 Select two 49048 49201 49215 49249 49262 32570 49203 32555 49110 32001 32118 42902	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management o subjects from the following: Wireless Networking Technologies Integrated Services Networks Telecommunications Industry Management Telecommunications Engineering Review Web Technologies Enterprise Software Architecture and Middleware Telecommunications Signal Processing Fundamentals of Software Development 3G Mobile Communication Systems Mobile Communications and Computing Interior Routing and High Availability	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49002 49013 49016 32603 32555 49306 Software Spring 49001 49002 49013 49016 4902 49013 49016 49262 49263	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Systems Quality Management Fundamentals of Software Development Quality and Operations Management System Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Web Technologies Software Analysis and Design	6cp 6cp 6cp offere	6cp 18cp 18cp din 6cp	49134 49131 49150 49306 49118 49254 Telecom 49202 49238 Select two 49048 49201 49215 49249 49262 32570 49203 32555 49110 32001 32118	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management o subjects from the following: Wireless Networking Technologies Integrated Services Networks Telecommunications Industry Management Telecommunications Engineering Review Web Technologies Enterprise Software Architecture and Middleware Telecommunications Signal Processing Fundamentals of Software Development 3G Mobile Communication Systems Mobile Communications and Computing	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49002 49013 49016 32603 32555 49306 Software Spring 49001 49002 49013 49016 49022 49013	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Systems Quality Management Fundamentals of Software Development Quality and Operations Management System Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Systems Managing Projects Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Web Technologies	6cp 6cp 6cp offere	6cp 18cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49134 49131 49150 49306 49118 49254 Telecom 49202 49238 Select two 49048 49201 49215 49249 49262 32570 49203 32555 49110 32001 32118 42902 42903 Select thro	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management o subjects from the following: Wireless Networking Technologies Integrated Services Networks Telecommunications Industry Management Telecommunications Engineering Review Web Technologies Enterprise Software Architecture and Middleware Telecommunications Signal Processing Fundamentals of Software Development 3G Mobile Communication Systems Mobile Communications and Computing Interior Routing and High Availability	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49002 49013 49016 32603 32555 49306 Software Spring 49001 49002 49013 49016 49262 49263 49306	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Systems Quality Management Fundamentals of Software Development Quality and Operations Management System Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Web Technologies Software Analysis and Design Quality and Operations Management System	6cp 6cp 6cp offere	6cp 18cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49134 49131 49150 49306 49118 49254 Telecom 49202 49238 Select two 49048 49201 49215 49249 49262 32570 49203 32555 49110 32001 32118 42902 42903 Select through	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management o subjects from the following: Wireless Networking Technologies Integrated Services Networks Telecommunications Industry Management Telecommunications Engineering Review Web Technologies Enterprise Software Architecture and Middleware Telecommunications Signal Processing Fundamentals of Software Development 3G Mobile Communication Systems Mobile Communications and Computing Interior Routing and High Availability Multi Protocol Label Switching ee subjects from the following: Judgment and Decision Making	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 12cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49002 49013 49016 32603 32555 49306 Software Spring 49001 49002 49013 49016 52603 49016 49002 49013 49016 52603 527000000000000000000000000000000000000	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Systems Quality Management Fundamentals of Software Development Quality and Operations Management System Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management System Systems Quality Management System Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Web Technologies Software Analysis and Design Quality and Operations Management System	6cp 6cp 6cp offere	6cp 18cp 18cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49134 49131 49150 49306 49118 49254 Telecom 49202 49238 Select two 49048 49201 49215 49249 49262 32570 49203 32555 49110 32001 32118 42902 42903 Select thro	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management o subjects from the following: Wireless Networking Technologies Integrated Services Networks Telecommunications Industry Management Telecommunications Engineering Review Web Technologies Enterprise Software Architecture and Middleware Telecommunications Signal Processing Fundamentals of Software Development 3G Mobile Communication Systems Mobile Commerce Technologies Mobile Communications and Computing Interior Routing and High Availability Multi Protocol Label Switching ee subjects from the following: Judgment and Decision Making Managing Information Technology in	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 12cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49002 49013 49016 32603 32555 49306 Software Spring 49001 49002 49013 49016 549263 49306 Structura Select four	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Systems Quality Management Fundamentals of Software Development Quality and Operations Management System Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Web Technologies Software Analysis and Design Quality and Operations Management System at Engineering major subjects from the following:	6cp 6cp 6cp offere	6cp 18cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49134 49131 49150 49306 49118 49254 Telecom 49202 49238 Select two 49048 49201 49215 49249 49262 32570 49203 32555 49110 32001 320118 42902 42903 Select through the selection of the sel	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management o subjects from the following: Wireless Networking Technologies Integrated Services Networks Telecommunications Industry Management Telecommunications Engineering Review Web Technologies Enterprise Software Architecture and Middleware Telecommunications Signal Processing Fundamentals of Software Development 3G Mobile Communication Systems Mobile Commerce Technologies Mobile Communications and Computing Interior Routing and High Availability Multi Protocol Label Switching ee subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 12cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49002 49013 49016 32603 32555 49306 Software Spring 49002 49013 49016 49022 49013 49016 549262 49263 49306 Structura Select four 49047	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Systems Quality Management Fundamentals of Software Development Quality and Operations Management System Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Web Technologies Software Analysis and Design Quality and Operations Management System Systems Systems Analysis and Design Quality and Operations Management Systems Systems Analysis and Design Systems Analysis and Design Systems Analysis Finite Element Analysis	6cp 6cp 6cp offere	6cp 18cp 18cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49134 49131 49130 49306 49118 49254 Telecom 49202 49238 Select two 49048 49201 49215 49249 49262 32570 49203 32555 49110 32001 32013 32118 42902 42903 Select through the selection of the	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management o subjects from the following: Wireless Networking Technologies Integrated Services Networks Telecommunications Industry Management Telecommunications Engineering Review Web Technologies Enterprise Software Architecture and Middleware Telecommunications Signal Processing Fundamentals of Software Development 3G Mobile Communication Systems Mobile Communications and Computing Interior Routing and High Availability Multi Protocol Label Switching ee subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 12cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49002 49013 49016 32603 32555 49306 Software Spring 49001 49002 49013 49016 549263 49306 Structura Select four	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Systems Quality Management Fundamentals of Software Development Quality and Operations Management System Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management System Systems Quality and Operations Management System Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Web Technologies Software Analysis and Design Quality and Operations Management System Systems LEngineering major Subjects from the following: Finite Element Analysis Bridge Design	6cp 6cp 6cp offere	6cp 18cp 18cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49134 49131 49150 49306 49118 49254 Telecom 49202 49238 Select two 49048 49201 49215 49249 49262 32570 49203 32555 49110 32001 320118 42902 42903 Select through the selection of the sel	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management o subjects from the following: Wireless Networking Technologies Integrated Services Networks Telecommunications Industry Management Telecommunications Engineering Review Web Technologies Enterprise Software Architecture and Middleware Telecommunications Signal Processing Fundamentals of Software Development 3G Mobile Communication Systems Mobile Communications and Computing Interior Routing and High Availability Multi Protocol Label Switching ee subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 12cp
32555 Select three 49001 49013 49016 49306 Software Autumn 49002 49013 49016 32603 32555 49306 Software Spring 49001 49002 49013 49016 49262 49263 49306 Structura Select four 49047 49131	Fundamentals of Software Development e subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management Quality and Operations Management Systems Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Systems Quality Management Fundamentals of Software Development Quality and Operations Management System Engineering major - subjects typically Judgment and Decision Making Managing Projects Managing Information Technology in Engineering Technology and Innovation Management Web Technologies Software Analysis and Design Quality and Operations Management System Systems Systems Analysis and Design Quality and Operations Management Systems Systems Analysis and Design Systems Analysis and Design Systems Analysis Finite Element Analysis	6cp 6cp 6cp offere	6cp 18cp 18cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49134 49131 49150 49306 49118 49254 Telecom 49202 49238 Select two 49048 49201 49215 49249 49262 32570 49203 32555 49110 32001 32118 42902 42903 Select thro 49013 49016 49306	Structural Dynamics and Earthquake Engineering Bridge Design Prestressed Concrete Design Quality and Operations Management Syster Applied Geotechnics Advanced Soil Mechanics and Foundation Design munication Networks major Communication Protocols Telecommunication Networks Management o subjects from the following: Wireless Networking Technologies Integrated Services Networks Telecommunications Industry Management Telecommunications Engineering Review Web Technologies Enterprise Software Architecture and Middleware Telecommunications Signal Processing Fundamentals of Software Development 3G Mobile Communication Systems Mobile Communications and Computing Interior Routing and High Availability Multi Protocol Label Switching ee subjects from the following: Judgment and Decision Making Managing Information Technology in Engineering Technology and Innovation Management	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp 12cp

24cp

Telecommunication Networks major - subjects typically			y				24cp
offered in	n Autumn			49201	Integrated Services Networks	6ср	
49001	Judgment and Decision Making		6ср	49203	Telecommunications Signal Processing	6ср	
49013	Managing Information Technology in		1	49048	Wireless Networking Technologies	6ср	
	Engineering		6ср	49099	GSM, GPRS and EDGE Technologies	6ср	
49016	Technology and Innovation Management		6ср	49223	Satellite Communication Systems	6ср	
49048	Wireless Networking Technologies		6ср	49262	Web Technologies	6ср	
49202	Communication Protocols		6ср	32570	Enterprise Software Architecture and		
49203	Telecommunications Signal Processing		6ср		Middleware	6ср	
49249	Telecommunications Engineering Review		6ср	32555	Fundamentals of Software Development	6ср	
49306	Quality and Operations Management System	ms	6ср	49110	3G Mobile Communication Systems	6cp	
17500	Quanty and Operations Management System	1113	оср	42902	Interior Routing and High Availability	6ср	
Telecomi	munication Networks major - subjects t	ypically	y	42903	Multi Protocol Label Switching	6ср	
offered in			•	- .			
49001	Judgment and Decision Making		6ср	Telecom	m Eng and Telecomm Networks - subjec	ts	
49013	Managing Information Technology in		оср	typically	offered in Autumn		
17015	Engineering		6ср	49048	Wireless Networking Technologies		6ср
49016	Technology and Innovation Management		6ср	49099	GSM, GPRS and EDGE Technologies		6cp
49201	Integrated Services Networks			49202	Communication Protocols		6cp
49215	Telecommunications Industry Management		6ср 6ср	49203	Telecommunications Signal Processing		6cp
49238				49205	Transmission Systems		6cp
49236	Telecommunication Networks Management		6cp	32555	Fundamentals of Software Development		6ср
	Telecommunications Engineering Review		6cp				1
49262 32570	Web Technologies		6ср	Telecom	m Eng and Telecomm Networks - subjec	ts	
32370	Enterprise Software Architecture and		600		offered in Spring		
40207	Middleware		6cp	49201	Integrated Services Networks		6ср
49306	Quality and Operations Management System	ins	6ср	49215	Telecommunications Industry Management		6ср
49110	3G Mobile Communication Systems		6ср	49223	Satellite Communication Systems		6ср
Tologomi	munications Engineering major			49238	Telecommunication Networks Management		6ср
	munications Engineering major		(49262	Web Technologies		
49205	Transmission Systems		6ср	32570	Enterprise Software Architecture and		6ср
49215	Telecommunications Industry Management		6ср	32370	Middleware		6an
Select two	subjects from the following:	1	12ср		Middleware		6ср
49048	Wireless Networking Technologies	6ср	1	Water Er	ngineering major		
49201	Integrated Services Networks	6cp			r subjects from the following:		24cp
49099	GSM, GPRS and EDGE Technologies	6ср		49107	Urban Stormwater Design	6ср	24cp
49203	Telecommunications Signal Processing	6cp		49255	Catchment Modelling		
49223	Satellite Communication Systems	6cp		49117	Floodplain Risk Management in NSW	6cp	
49249	Telecommunications Engineering Review	6cp		49122	Ecology and Sustainability	6cp	
49110	3G Mobile Communication Systems	6ср		49256	Flood Estimation	6cp	
	·	-		49236		6ср	
	e subjects from the following:		18ср	47107	Engineered Natural Water Treatment	600	
49001	Judgment and Decision Making	6ср		40117	Systems Contaminated Site and Whata Remadiation	6cp	
49013	Managing Information Technology in			49116	Contaminated Site and Waste Remediation	6cp	
	Engineering	6ср		49126	Environmental Management of Land	6cp	
49016	Technology and Innovation Management	6ср		49285	Emergency Management	6ср	
49306	Quality and Operations Management			Select thre	ee subjects from the following:		18cp
	Systems	6ср		49001	Judgment and Decision Making	6ср	
Select 6 cm	edit points of electives		6ср	49013	Managing Information Technology in	1	
beleet o er	eart points of electives		оср		Engineering	6ср	
Telecomi	munications Engineering - subjects typi	callv		49016	Technology and Innovation Management	6cp	
	n Autumn	,		49306	Quality and Operations Management	- T	
49001	Judgment and Decision Making		6an		Systems	6ср	
			6ср	0.1	•		
49013	Managing Information Technology in		(Select 6 cr	edit points of electives		6ср
40017	Engineering		6cp	Water Fr	sincering major subjects typically offe	and i	:
49016	Technology and Innovation Management		6ср	water Er	igineering major - subjects typically offe	erea i	ın
49048	Wireless Networking Technologies		6ср	Autumn			
49099	GSM, GPRS and EDGE Technologies		6ср	49107	Urban Stormwater Design		6ср
49203	Telecommunications Signal Processing		6ср	49109	Engineered Natural Water Treatment System	IS	6ср
49205	Transmission Systems		6ср	49013	Managing Information Technology in		
49249	Telecommunications Engineering Review		6ср		Engineering		6ср
49306	Quality and Operations Management System	ms	6ср	49001	Judgment and Decision Making		6ср
Tologomi	munications Engineering subjects typi	cally		49016	Technology and Innovation Management		6ср
	munications Engineering - subjects typi	cally		49306	Quality and Operations Management System	ns	6ср
offered i				49256	Flood Estimation		6ср
49001	Judgment and Decision Making		6ср				
49013	Managing Information Technology in			Water Er	igineering major - subjects typically offe	red	in
	Engineering		6ср	Spring			
49016	Technology and Innovation Management		6ср	49117	Floodplain Risk Management in NSW		6ср
49110	3G Mobile Communication Systems		6ср	49122	Ecology and Sustainability		6cp
49201	Integrated Services Networks		6ср	49255	Catchment Modelling		6cp
49215	Telecommunications Industry Management		6ср	49001	Judgment and Decision Making		6cp
49223	Satellite Communication Systems		6ср	49013	Managing Information Technology in		···P
49306	Quality and Operations Management System	ms	6cp		Engineering		6ср
- .			-	49016	Technology and Innovation Management		6ср
Telecomi	munication Engineering and Telecommu	unicatio	on	49306	Quality and Operations Management System	ns	6ср
Network	s major			49116	Contaminated Site and Waste Remediation		6ср
49202	Communication Protocols		6ср				оср
49238	Telecommunication Networks Management	t	6ср	No speci	fied major		
49215	Telecommunications Industry Management		6ср		redit points of options		48cp
49205	Transmission Systems		6ср		1		-1
	•		*				

Geotechr	nical Engineering major			Civil and	d Geotechnical Eng major - subjects typically	
	subjects from the following:		24cp		in Autumn	
49102	Traffic and Transportation	6ср	-1cp	49002	Managing Projects	6an
49106	Road Engineering Practice	6ср				6cp
49116	Contaminated Site and Waste Remediation	6ср		49047	Finite Element Analysis	6cp
49118	Applied Geotechnics	6ср		49102 49107	Traffic and Transportation	6cp
49119	Problematic Soils and Ground	оср		49107	Urban Stormwater Design	6cp
17117	Improvement Techniques	6ср		49109	Engineered Natural Water Treatment Systems	6ср
49126	Environmental Management of Land	. *		49119	Problematic Soils and Ground Improvement	
49143		6cp		40407	Techniques	6cp
	Civil Engineering Review 1	6ср		49126	Environmental Management of Land	6ср
49254	Advanced Soil Mechanics and Foundation	(49134	Structural Dynamics and Earthquake	
40055	Design	6cp			Engineering	6ср
49257	Geographic Information Systems	6cp		49136	Application of Timber in Engineering Structures	6ср
49258	Pavement Analysis and Design	6ср		49256	Flood Estimation	6ср
Select thre	e subjects from the following:		18cp	0:-:1	10tk-il Eikitkilk-	
49001	Judgment and Decision Making	6ср			d Geotechnical Eng major - subjects typically	
49013	Managing Information Technology in	1		offered	in Spring	
	Engineering	6ср		49002	Managing Projects	6ср
49016	Technology and Innovation Management	6cp		49106	Road Engineering Practice	6ср
49306	Quality and Operations Management	I		49115	Facade Engineering	6ср
	Systems	6ср		49116	Contaminated Site and Waste Remediation	6cp
	,	··r		49118	Applied Geotechnics	6cp
Select 6 cre	edit points of electives		6ср	49131	Bridge Design	6ср
046-	isal Funinganium maian — aubigata tumia			49150	Prestressed Concrete Design	6cp
	ical Engineering major - subjects typica	ally		49255	Catchment Modelling	6cp
offered in	n Autumn				O	1
49001	Judgment and Decision Making		6ср	Operation	ons major	
49013	Managing Information Technology in		_	49002	Managing Projects	6ср
	Engineering		6ср	49306	Quality and Operations Management Systems	6cp
49016	Technology and Innovation Management		6ср	49309	Quality Planning and Analysis	6cp
49102	Traffic and Transportation		6ср	49989	Operations Engineering	6cp
49119	Problematic Soils and Ground Improvement		•			
	Techniques		6ср		ee subjects from the following:	18cp
49126	Environmental Management of Land		6cp	49001	Judgment and Decision Making 6cp	
49258	Pavement Analysis and Design		6cp	49004	Systems Engineering for Managers 6cp	
49257	Geographic Information Systems		6ср	49006	Risk Management in Engineering 6cp	
49306	Quality and Operations Management System	ns	6ср	49016	Technology and Innovation Management 6cp	
	Zyyy		· ·r	49069	Leadership and Responsibility 6cp	
Geotechr	nical Engineering major - subjects typic	ally		49655	Integrated Logistic Support 6cp	
offered in		•		49678	Reliability Availability and Maintainability 6cp	
49001	Judgment and Decision Making		6ср	49680	Value Chain Engineering Systems 6cp	
49013	Managing Information Technology in		оср	Salact 6 c	redit points of electives	6ср
49013	Engineering		6cn	Select 0 C	realt points of electives	оср
49016	Technology and Innovation Management		6ср 6ср	Operation	ons major - subjects typically offered in Autun	nn
49106	Road Engineering Practice		. *	49001	Judgment and Decision Making	6ср
49116	Contaminated Site and Waste Remediation		6cp	49002	Managing Projects	6ср
49118	Applied Geotechnics		6cp	49004	Systems Engineering for Managers	6ср
49254	11		6ср	49006	Risk Management in Engineering	6ср
47234	Advanced Soil Mechanics and Foundation		600	49016	Technology and Innovation Management	6ср
49306	Design		6cp	49069	Leadership and Responsibility	6ср
49300	Quality and Operations Management System	us	6ср	49306	Quality and Operations Management Systems	6cp
Civil and	Geotechnical Engineering major			49309	Quality Planning and Analysis	
	subjects from the following:		24cp	49678	Reliability Availability and Maintainability	6cp
49102	Traffic and Transportation	6ср	24CP	49680	Value Chain Engineering Systems	6cp
49106				49989	Operations Engineering	6cp
49116	Road Engineering Practice Contaminated Site and Waste Remediation	6cp		47707	Operations Engineering	6ср
		6cp		Operation	ons major - subjects typically offered in Sprin	n
49118	Applied Geotechnics	6cp		49001	Judgment and Decision Making	
49126	Environmental Management of Land	6ср		49002	Managing Projects	6cp
49254	Advanced Soil Mechanics and Foundation					6cp
40055	Design	6cp		49004	Systems Engineering for Managers	6cp
49257	Geographic Information Systems	6cp		49006	Risk Management in Engineering	6cp
49258	Pavement Analysis and Design	6ср		49016	Technology and Innovation Management	6cp
Select four	subjects from the following:		24cp	49069	Leadership and Responsibility	6cp
49002	Managing Projects	6ср	r	49306	Quality and Operations Management Systems	6cp
49047	Finite Element Analysis	6cp		49309	Quality Planning and Analysis	6cp
49107	Urban Stormwater Design	6cp		49655	Integrated Logistic Support	6cp
49109	Engineered Natural Water Treatment	ocp		49680	Value Chain Engineering Systems	6cp
-/ - / /	Systems	6ср		49989	Operations Engineering	6ср
49115	Facade Engineering	6ср		Systems	Findingering major	
49131	Bridge Design	6ср			Sustance Engineering for Managers	6~~
49134	Structural Dynamics and Earthquake	ъср		49004	Systems Engineering for Managers	6cp
1/101	Engineering	6ср		32569	Enterprise Business Requirements	6cp
49135	Wind Engineering			49655	Integrated Logistic Support	6cp
49136		6ср		49002	Managing Projects	6cp
T2130	Application of Timber in Engineering	600		49001	Judgment and Decision Making	6cp
10112	Structures Civil Engineering Review 1	6cp		49003	Economic Evaluation	6ср
49143	Civil Engineering Review 1	6cp		Select 12	credit points of electives	12cp
49150	Prestressed Concrete Design	6cp		- 0.000 12	Г	- - -cP
49151	Concrete Technology and Practice	6cp				
49255	Catchment Modelling	6cp				
49256	Flood Estimation	6ср				

Autumn Judgment and Decision Making 49001 6ср 49002 Managing Projects 6ср 49003 Economic Evaluation 6ср 49004 Systems Engineering for Managers 6ср 32569 Enterprise Business Requirements 6ср 49655 Integrated Logistic Support 6ср Systems Engineering major - subjects typically offered in Spring 49001 Judgment and Decision Making 6ср 49002 Managing Projects 6ср 49003 Economic Evaluation 6ср 49004 Systems Engineering for Managers 6ср Biomedical Engineering major Biomedical Instrumentation 6ср Select one of the following: 6ср 91400 Human Anatomy and Physiology 6ср 91429 Physiological Bases of Human Movement 6ср Select three subjects from the following: 18cp Neural Networks and Fuzzy Logic 6ср 49274 Advanced Robotics 6ср Wireless Networking Technologies 49048 6ср 32555 Fundamentals of Software Development 6ср 91705 Medical Devices and Diagnostics 6ср BioNanotechnology 91140 6ср Human Pathophysiology 91239 6ср 91403 Medical Imaging 6ср Select three subjects from the following: 18cp 49001 Judgment and Decision Making 6ср 49006 Risk Management in Engineering 6ср Technology and Innovation Management 49016 6ср Quality and Operations Management 49306

Systems Engineering major - subjects typically offered in

Biomedical Engineering major - subjects typically offered in Autumn

Innovation, Entrepreneurship and

6ср

6cp

49001	Judgment and Decision Making	6ср
49006	Risk Management in Engineering	6ср
49016	Technology and Innovation Management	6ср
49048	Wireless Networking Technologies	6ср
32555	Fundamentals of Software Development	6ср
49275	Neural Networks and Fuzzy Logic	6ср
49306	Quality and Operations Management Systems	6ср
91403	Medical Imaging	6ср
91429	Physiological Bases of Human Movement	6ср

Biomedical Engineering major - subjects typically offered in Spring

49001	Judgment and Decision Making	6ср
49006	Risk Management in Engineering	6ср
49016	Technology and Innovation Management	6ср
49261	Biomedical Instrumentation	6ср
49274	Advanced Robotics	6ср
49306	Quality and Operations Management Systems	6ср
91140	BioNanotechnology	6ср
91239	Human Pathophysiology	6ср
91400	Human Anatomy and Physiology	6ср
91705	Medical Devices and Diagnostics	6ср

Other information

Systems

Commercialisation

60904

Further information is available from:

Building 1 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C04098v3 Master of Environmental Engineering Management

Award(s): Master of Environmental Engineering Management (MEEM) UAC code: 942335 (Autumn semester), 942342 (distance) (Autumn semester), 945342 (distance) (Spring semester) CRICOS code: 027917K

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1

Location: City campus or distance

Overview

This course is designed to enable engineers and other technical specialists to take a leadership role in the field of environmental engineering.

The course combines a set of key subjects that contain information on the nature of environmental problems together with engineering techniques for their solution. This is supplemented by management and policy subjects to empower the engineer, or technical specialist, to lead multidisciplinary teams working in the field of environmental engineering.

Career options

Career options include positions in government agencies or private corporations, or as consultants.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Previous qualifications must be in engineering or another technological/applied science field. Candidates without a degree, but with suitable experience, may enrol in the Graduate Certificate in Environmental Engineering Management (C11051) (see page 432) and later transfer to the Master of Environmental Engineering Management with full credit for completed subjects.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Credit recognition is considered in accordance with the University's policy on credit recognition (www.gsu.uts.edu.au/policies/credit-recognition.html). Students may be eligible for credit recognition based on previous postgraduate award study. Subjects undertaken as part of an undergraduate degree, irrespective of their level of study, are not normally considered for credit recognition.

Students who have completed postgraduate subjects as part of a postgraduate degree may be eligible for credit recognition of up to 12 credit points (two subjects) towards an engineering master's degree.

Students who have previously completed subjects at UTS that are part of the postgraduate degree to which they are admitted, may be eligible for credit recognition of up to 18 credit points (three subjects) towards an engineering masters' degree.

Students who have previously completed subjects as part of a UTS Engineering graduate certificate may be eligible for credit recognition of up to 24 credit points (four subjects) towards equivalent subjects in an engineering master's degree.

Further information is available at:

www.eng.uts.edu.au/courses/postgraduate/credit-recognition.html

Course duration and attendance

Most students taking two subjects a semester require two years to complete this degree. The course is also available to fee-paying overseas students on a full-time basis, taking one year to complete.

The program is structured for evening attendance, block attendance or distance mode. Subjects are offered as three-hour sessions once a week, or in block or distance mode.

Course structure

Students are required to complete 48 credit points of study, comprising 36 credit points from the core subjects and 12 credit points from 49001, 49002, 49003 or 49108.

Course completion requirements

CBK9014	15 Core subjects	36ср
Select 12	credit points from the following options:	12ср
49001	Judgment and Decision Making	6ср
49002	Managing Projects	6ср
49003	Economic Evaluation	6ср
49108	Local Government Powers and Practice	6ср
		Total 48cp

Course program

The subjects offered are listed below. As not all subjects are offered every semester, students should check the timetable and seek advice as to which subjects to take in which semester.

Select six s	subjects from the following:		36ср
49121	Environmental Assessment and Planning		6ср
49122	Ecology and Sustainability		6ср
49123	Waste and Pollution Management		6ср
49257	Geographic Information Systems		6ср
49125	Environmental Risk Assessment		6ср
49126	Environmental Management of Land		6ср
49116	Contaminated Site and Waste Remediation		6ср
49127	On-site Water and Wastewater Treatment		6ср
49049	Air and Noise Pollution		6ср
49109	Engineered Natural Water Treatment System	S	6cp
Select 12 c	redit points from the following options:		12cp
49001	Judgment and Decision Making	6ср	-
49002	Managing Projects	6ср	
49003	Economic Evaluation	6ср	
49108	Local Government Powers and Practice	6cp	

Subjects typically offered in Autumn

49001	Judgment and Decision Making	6ср
49002	Managing Projects	6ср
49003	Economic Evaluation	6ср
49108	Local Government Powers and Practice	6ср
49109	Engineered Natural Water Treatment Systems	6ср
49122	Ecology and Sustainability	6ср
49123	Waste and Pollution Management	6ср
49126	Environmental Management of Land	6ср
49257	Geographic Information Systems	6cp
Subject	s typically offered in Spring	
10001	T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	,

49001	Judgment and Decision Making	6ср
49002	Managing Projects	6ср
49003	Economic Evaluation	6ср
49049	Air and Noise Pollution	6ср
49121	Environmental Assessment and Planning	6ср
49125	Environmental Risk Assessment	6ср
49127	On-site Water and Wastewater Treatment	6ср
49116	Contaminated Site and Waste Remediation	6ср

Articulation with UTS courses

Graduate Certificate in Environmental Engineering Management (C11051) (see page 432) students may transfer to this course with full credit for subjects completed during the graduate certificate.

Other information

Further information is available from: Building 1 Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

C04102v2 Master of Engineering Management Master of Business Administration

CRICOS code: 030558B

Commonwealth-supported place?: No

Load credit points: 96 Course EFTSL: 2 Location: City campus

However, other students can complete the same course of study by enrolling in the Master of Engineering Management (C04094) (see page 314) and then the Master of Business Administration (C04018) (see page 303) (Technology Management major (MAJ08938)).

Overview 3 4 1

The Faculty of Engineering and Information Technology together with the Faculty of Business have developed a suite of master's degrees that provide all the advantages of a generalist Master of Business Administration and a focused engineering management program.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

 $The \, English \, proficiency \, requirement \, for \, international \, students \, or \, local \,$ applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Once students have completed the Master of Engineering Management they need to submit an application for credit recognition, exempting up to eight subjects (48 credit points) towards the Master of Business Administration (Technology Management major). The faculty does not grant credit recognition based on work experience.

Course duration and attendance

The course can be completed in two years of full-time study, comprising one year each for the Master of Engineering Management and the Master of Business Administration (Technology Management major). It is also available part time. Attendance is available in weekly (normally evenings), block and/or distance modes.

Course structure

To complete the Master of Engineering Management, students must complete six compulsory subjects (totalling 36 credit points) and two elective subjects (totalling 12 credit points) chosen from the list of MEM electives.

To complete the Master of Business Administration (Technology Management major), students must complete six compulsory subjects (totalling 36 credit points) and two elective subjects (totalling 12 credit points) chosen from those available in the Technology Management major.

Course completion requirements

STM90465 MEM stream	48cp
STM90464 MBA stream	48cp
	Total 96cp

Course program

49016

The lists of requirements for the Master of Engineering Management and the Master of Business Administration are shown below.

Master of	Engineering Management		
49001	Judgment and Decision Making		6ср
22747	Accounting for Managerial Decisions		6ср
21844	Managing Work and People		6ср
49002	Managing Projects		6ср
49004	Systems Engineering for Managers		6ср
49309	Quality Planning and Analysis		6ср
Select 12 cr	redit points from the following options:		12cp
49006	Risk Management in Engineering	6ср	
49013	Managing Information Technology in		
	Engineering	6ср	
49306	Quality and Operations Management		
	Systems	6ср	

Master of Business Administration

21715	Strategic Management		6ср
21878	Organisational Dialogue: Theory and Practi	ice	6ср
24734	Marketing Management		6ср
23706	Economics for Management		6ср
25742	Financial Management		6ср
21800	Management and Organisations		6ср
Select 12 o	credit points from the following options:		12cp
49006	Risk Management in Engineering	6ср	-
49013	Managing Information Technology in	•	
	Engineering	6ср	
49306	Quality and Operations Management	_	
	Systems	6ср	
49016	Technology and Innovation Management	6ср	

Technology and Innovation Management

Subjects	typically offered in Autumn	
21844	Managing Work and People	6ср
22747	Accounting for Managerial Decisions	6ср
49001	Judgment and Decision Making	6ср
49002	Managing Projects	6ср
49004	Systems Engineering for Managers	6ср
49006	Risk Management in Engineering	6ср
49013	Managing Information Technology in	
	Engineering	6ср
49306	Quality and Operations Management Systems	6ср
49016	Technology and Innovation Management	6ср
49309	Quality Planning and Analysis	6ср

Subjects	typically offered in Spring	
21844	Managing Work and People	6ср
22747	Accounting for Managerial Decisions	6ср
49001	Judgment and Decision Making	6ср
49002	Managing Projects	6ср
49004	Systems Engineering for Managers	6ср
49006	Risk Management in Engineering	6ср
49013	Managing Information Technology in	_
	Engineering	6ср
49016	Technology and Innovation Management	6ср
49306	Quality and Operations Management Systems	6ср
49309	Quality Planning and Analysis	6ср

Other information

Further information is available from:

Building 1 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C04106v5 Master of Arts in **Journalism**

Award(s): Master of Arts in Journalism (MA)

UAC code: 942500 (Autumn semester), 945500 (Spring semester)

CRICOS code: 006820D

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Overview

6ср

The Master of Arts in Journalism is part of an articulated program of study for people who want to start a journalism career and for experienced journalists wanting to broaden their skills and professional technological expertise and refresh the intellectual basis of their practice.

This is the only program of its kind in Sydney, where the Australian media is increasingly concentrating. The journalism staff at UTS has a record of excellence in professional practice reflected in media contacts. In addition, the course has close links with the Australian Centre for Independent Journalism, which provides a professional setting for student work.

Course aims

Graduates of the program:

- have strong research and reporting skills and a knowledge and critical understanding of the media
- are equipped with the necessary skills to either enter professional practice in the media or continue practice with additional skills and intellectual depth
- strive to promote the important role of professional and ethical journalism in the service of the public, and
- have an understanding of the role of the media in local, regional, national and global contexts.

Career options

Career options include reporter or editor in local, corporate, national and international print and broadcast media organisations.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who have completed a bachelor's, graduate diploma or master's in any field of study or a graduate certificate in a related field of study can apply. Applicants who do not possess the relevant qualification must submit a CV and personal statement outlining their educational and professional achievements.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances

Credit recognition

Students who have successfully completed the Graduate Certificate in Journalism (C11058) (see page 435) or the Graduate Diploma in Journalism (C06037) (see page 388) are eligible for credit recognition for completed subjects.

Course duration and attendance

The course is one-and-a-half years of full-time or two-and-a-half years of part-time study.

Course structure

The course totals 72 credit points of study, made up of 48 credit points of core subjects and 24 credit points of elective subjects.

Full-time students are required to undertake 24 credit points a semester. Part-time students should undertake 8 or 16 credit points a semester

Course completion requirements

STM90819	Core subjects (Journalism)	40cp
CBK90898	Elective subjects MA Journalism	24cp
CBK90899	Choices (Journalism PG)	8cp
		Total 72cp

Course program

Typical course programs are shown below for full-time and part-time students, commencing in either Autumn or Spring semester.

Autumn commencing, full time

Year 1

Δı	ıtı	ım	n	se	m	۵۵	ŧΔ	r
Αl	JU	JIII	11	56		25	ιe	

57011 57151	Research and Reporting for Journalism Storytelling with Sound and Image		
Select one of the following: 57012 Regulation of the Media 57138 International and Comparative		8cp	8ср
5713	8 International and Comparative Journalism	8cp	

Spring semester

-pg				
57013	Journalism Studies	8cp		
57185	Journalism Major Project 1	8cp		
Select 8	credit points of options	8ср		

Year 2

Autumn semester

57186	Journalism Major Project 2	8cp
Select 1	6 credit points of electives	16cp

Autumn commencing, part time

Year 1

Autumn semester

57011	Research and Reporting for Journalism		8cp
Select one of the following:			
5701	2 Regulation of the Media	8cp	-
5713	8 International and Comparative	-	
	Journalism	8ср	
Spring se	mester		
57013	Journalism Studies		8cp

Storytelling with Sound and Image

57151 **Year 2**

Autumn semester

Select 16 credit points of electives		16ср
Spring se	emester	
57185	Journalism Major Project 1	8cp
Select 8 credit points of electives		8cp

Year 3

	57186	Journalism Major Project 2
--	-------	----------------------------

Spring commencing, full time

Year 1

Spring semester

opining semester			
57011	Research and Reporting for Journalism	8ср	
57151	Storytelling with Sound and Image	8cp	
57013	Journalism Studies	8cp	

Year 2

Autumn semester

Select one 57012 57138	0	8cp	8ср
57185	Journalism Major Project 1	оср	8ср
Select 8 credit points of electives			8cp
Spring semester 57186 Journalism Major Project 2			
Select 16 credit points of electives 16c			16cp
Spring commencing, part time			
Year 1			
Spring semester			
57011	Research and Reporting for Journalism		8cp

57013 **Year 2**

Autumn semester

Select one	of the following:		8ср
57012	0 .	8ср	1
57138		_	
Journalism 8cp			
57151	Storytelling with Sound and Image		8cp
Spring ser	nester		
Select 8 credit points of electives			8ср

8ср

Year 3

8cp

8ср

Autumn semester

7.4.4			
57185	Journalism Major Project 1	8cp	
Select 8 credit points of electives		8cp	
Spring semester			
57186	Journalism Major Project 2	8cp	
Select 8 credit points of electives		8cp	

Articulation with UTS courses

Journalism Studies

This course is part of an articulated program including the Graduate Certificate in Journalism (C11058) (see page 435) and the Graduate Diploma in Journalism (C06037) (see page 388).

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C04109v7 Master of Arts in Creative Writing

Award(s): Master of Arts in Creative Writing (MA)

UAC code: 942512 (Autumn semester), 945512 (Spring semester)

CRICOS code: 032331E

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Overview

The Master of Arts in Creative Writing is designed for experienced writers who want to further develop their theoretical knowledge and skills. Students learn valuable skills and work towards developing a major project under the guidance of an academic faculty member with expertise in creative writing.

Students study one genre in depth or explore a range of genres and media.

Course aims

Graduates of this course develop:

general and specific skills in writing across a range of genres

- an ability to develop and critically revise their own work
- an understanding of the relationships of writing practice and publication across a range of media and contemporary cultural
- a critical knowledge of cultural and aesthetic debates, and
- an ability to think creatively and critically about, and contribute to, developments in cultural industries.

Career options

Career options include advertising, computing, creative writing, freelance writing and editing, journalism, media research, publishing or scriptwriting, and editing in community organisations or government departments.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who have completed a bachelor's, graduate diploma or master's in any field of study or a graduate certificate in a related field of study can apply. Applicants who do not possess the relevant qualification may submit a personal statement outlining their educational and professional achievements. To be eligible to articulate into the Master of Arts in Creative Writing (C04109) from the Graduate Certificate in Screenwriting (C11066) (see page 436), the Graduate Certificate in Editing and Publishing (C11071) (see page 437), or the Graduate Diploma in Creative Writing (C06041) (see page 389), students must complete at least two postgraduate writing subjects with a distinction grade or higher.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Applications

All applicants are required to:

- submit a personal statement and CV
- explain what writing experience they have
- list their publications, if any
- attach one example of their creative writing
- supply written references from people who are familiar with their ability and potential (if the applicant does not have academic or professional qualifications).

Credit recognition

Students who have successfully completed one of the graduate certificates or the graduate diploma in the articulated program and who are admitted to this course are eligible for credit recognition for completed subjects.

Course duration and attendance

The course is offered on a one-and-a-half-year, full-time or equivalent part-time basis.

Course structure

The course comprises 72 credit points, made up of five core subjects

Students may select subjects beyond the lists of elective subjects with the approval of the graduate adviser. Not all subjects are available each semester.

Full-time students are required to undertake 24 credit points a semester. Part-time students should undertake 8 or 16 credit points a semester.

Course completion requirements CBK90528 Electives STM90815 Core subjects STM90816 Core subjects (Creative Writing)	24cp 24cp 24cp Total 72cp		
Course program			
Example programs are shown below.			
Autumn commencing, full time			
Year 1			
Autumn semester 57031 Non-fiction Writing 57041 Narrative Writing 57134 Theory and Creative Writing	8cp 8cp 8cp		
Spring semester 57188 Writing Project 1	8cp		
Select 16 credit points of electives	16cp		
Year 2			
Autumn semester 57190 Writing Seminar 57189 Writing Project 2	8cp 8cp		
Select 8 credit points of electives	8cp		
Spring commencing, full time			
Year 1			
Spring semester 57134 Theory and Creative Writing 57031 Non-fiction Writing 57041 Narrative Writing	8cp 8cp 8cp		
Year 2			
Autumn semester 57188 Writing Project 1	8ср		
Select 16 credit points of electives	16cp		
Spring semester 57190 Writing Seminar 57189 Writing Project 2	8cp 8cp		
Select 8 credit points of electives	8cp		
Autumn commencing, part time			
Year 1			
Autumn semester 57041 Narrative Writing 57134 Theory and Creative Writing	8cp 8cp		
Spring semester 57031 Non-fiction Writing	8ср		
Select 8 credit points of electives	8cp		
Year 2			
Autumn semester 57188 Writing Project 1	8cp		
Select 8 credit points of electives	8cp		
Spring semester 57190 Writing Seminar	8cp		
Select 8 credit points of electives	8cp		
Year 3			
Autumn semester 57189 Writing Project 2	8cp		
Spring commencing, part time			
Year 1			
Spring semester 57041 Narrative Writing 57134 Theory and Creative Writing	8cp 8cp		

Year 2

Autumn semester			
57031	Non-fiction Writing	8cp	
Select 8 cre	edit points of electives	8cp	
Spring ser	mester		
57188	Writing Project 1	8cp	
Select 8 cre	edit points of electives	8cp	
Year 3			
Autumn semester			
57190	Writing Seminar	8cp	
Select 8 cre	edit points of electives	8cp	
Spring semester			
57189	Writing Project 2	8cp	

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Screenwriting (C11066) (see page 436), the Graduate Certificate in Editing and Publishing (C11071) (see page 437), the Graduate Diploma in Creative Writing (C06041) (see page 389) and the Master of Arts in Creative Writing.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C04140v8 Master of Health Services Management

Award(s): Master of Health Services Management in (name of major)

(MHSM)

CRICOS code: 040694M

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Note(s)

This course offers a mid-year intake for local and international students.

Overview

The planning and management of health and aged care services is increasing in complexity for a wide range of factors including increased level of accountability, greater transparency in the operations of services, consolidation of service providers and the increasing cost of health and aged care.

This course is developed to prepare new, aspiring, middle and senior health service planners and managers to plan, manage and direct health and aged care services. It is designed for current and aspiring professionals with either clinical or non-clinical backgrounds. Successful completion of this degree broadens employment opportunities in health, aged and community care sectors.

Course aims

The curriculum is based on the core competencies identified for health service planners and managers and is designed to provide students with the level of knowledge and managerial skill they need for a career in health and aged care services. Students can focus on health services management or complete a major in:

- health services planning, or
- safety and quality in health care.

Career options

Graduates of this program have a unique blend of health-focused planning, management and business skills. Career options include positions in health authorities, hospitals, primary and community care, aged care services and other health care institutions, private and non-government organisations and within government service.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

This evidence may include extensive relevant work experience in a health or human services field.

Applicants must have at least one year's full-time equivalent experience in a medium to large organisation, preferably in the health or human services area. Work experience undertaken in small work settings (e.g. private practice settings with a small number of professionals) or as part of intern requirements are not accepted.

Applicants who do not have an undergraduate degree but who have extensive relevant work experience in a health or human services field and can demonstrate the capacity to undertake tertiary study may also be considered eligible.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course duration is one-and-a-half years of full-time or three years of part-time study.

Subjects are offered via on-campus study blocks and online learning. Part-time students usually study two subjects a semester.

Note: There are three subjects in the Management major that are taught by UTS: Business. These are not timetabled with other subjects to enable attendance in block mode.

Course structure

Students must complete a total of 72 credit points, choosing one of four majors (in Planning, Safety and Quality, Clinical Management, or Health Research) or a no-major option to complete the course. In all options, with the exception of the Health Research major, students choose two electives from any postgraduate subject on offer within UTS or from the list of electives provided within each choice block. Students who wish to undertake an elective subject that is not listed should seek advice from UTS: Health.

Course completion requirements

CBK90856 Major choice	-	72cp
		Total 72cp

Course program

Typical programs are shown below.

List of majors

MAJ06215 Health Research	72cp
MAJ08968 Health Services Planning	72cp
MAJ08969 Safety and Quality in Health Care	72cp
MAJ08970 Clinical Management	72cp
STM90712 Health Services Management (No major)	72cp

No major, Autumn commencing, full time

Year 1

Autumn semester

92917 21720	Using Health Care Data for Decision Making Human Resource Management	6ср 6ср	
92847	Planning and Evaluating Health Services	6ср	
92606	Issues in Australian Health Services	6ср	
Spring semester			
92023	Health Services Resource Management	6ср	
92051	Health Services Management and Legal Issues	6ср	
92603	Managing Quality, Risk and Cost in Health Care	6ср	
92887	Organisational Management in Health Care	6cp	

Spring semester 92612 Research in Health 6ср 92887 Organisational Management in Health Care 6ср 92603 Managing Quality, Risk and Cost in Health Care 6ср 92051 Health Services Management and Legal Issues 6ср Year 2 Autumn semester 92050 Policy, Power and Politics in Health Care 6ср 92790 Evidence-based Practice 6cp 12cp CBK90841 Clinical Management Electives Clinical Management major, Autumn commencing, part time Year 1 Autumn semester 92606 Issues in Australian Health Services 6ср 6ср 92932 Management for Clinicians Spring semester 92917 Using Health Care Data for Decision Making 6ср 92887 Organisational Management in Health Care 6cp Year 2 Autumn semester 92790 Evidence-based Practice 6ср 92050 Policy, Power and Politics in Health Care 6ср Spring semester 92847 Planning and Evaluating Health Services 6ср 92051 Health Services Management and Legal Issues 6ср Year 3 Autumn semester CBK90841 Clinical Management Electives 12cp Spring semester

Research in Health Articulation with UTS courses

This course is part of an articulated program made up of the Graduate Certificate in Health Services Management (C11107) (see page 438), the Graduate Diploma in Health Services Management (C07048) (see page 409) and the Master of Health Services Management

Managing Quality, Risk and Cost in Health Care

Professional recognition

Australian College of Health Service Executives (ACHSE).

Other information

Further information is available from:

UTS Student Centre

92603

92612

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Dr Ien Bichel-Findlay

Course Coordinator

email Jen.Bichel-Findlay@uts.edu.au

www.nmh.uts.edu.au

C04143v5 Master of Laws

Award(s): Master of Laws (LLM)

UAC code: 942401 (Autumn semester), 945401 (Spring semester)

CRICOS code: 001125A

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The UTS Master of Laws (LLM) caters to the changing demands of the legal profession. Providing the opportunity for law graduates to specialise in particular areas that are relevant to their area of legal practice, the UTS LLM is vocationally relevant and intellectually rewarding.

Close interaction between the legal profession and UTS: Law guarantees a close match between a first-class education and a marketable postgraduate legal qualification. Classes are taught by a mix of practising professionals, full-time academic staff and international visiting academics, and opportunities for crossinstitutional study, both inside and outside Australia, are encouraged.

Career options

Specialisation and development of expertise leads to careers in a range of sought-after specialist vocations in the practice of law.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

A relevant, appropriate first degree is the Bachelor of Laws or Juris Doctor. Students with a Bachelor of Laws from a non-common law country may be required to complete 78103 Common Law Legal Traditions. Students who have graduated with a Shari'a law degree are not eligible to apply for this course. Admission is at the discretion of the associate dean (teaching and learning).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of $\check{4}.5$, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

6ср

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students who have successfully completed the Master of Law and Legal Practice, the Master of Dispute Resolution (C04145) (see page 329) or the Master of International Law (C04149) (see page 331) at UTS, or equivalent postgraduate law studies at a recognised tertiary institution, may, in line with UTS: Law policy, apply for a maximum of one quarter of the credit-point value of the course in exemptions. As Master of Laws subjects are 8 credit points in value, students may apply for exemptions not exceeding 8 credit points within the course.

Students who have successfully completed the Juris Doctor (C04236) (see page 354) at UTS and have completed 6 credit point Master of Laws equivalent subjects within the Juris Doctor may apply for these subjects to be credited towards the Master of Laws, up to a maximum of 18 credit points. Such students will have this credit applied towards, and must complete, the Options (CBK90419) choice block.

Students who completed 8-credit-point postgraduate electives as part of their Juris Doctor candidature may apply to have these subjects credited towards the Master of Laws, up to a maximum of 24 credit

Solicitors with current specialist accreditation from the Law Society of NSW may apply for 8 unspecified credit points of exemption within this course.

Course duration and attendance

The course can be completed in a minimum of one year of full-time or two years of part-time study. Subjects may also be available in Summer session, allowing accelerated progression.

Course structure

From Spring 2008, students undertake six 8-credit-point postgraduate subjects (totalling 48 credit points). (Refer to the course entry in the *UTS: Handbook 2007* for the previous course structure. For a current listing of subjects in each course refer to the study package directory. In particular, refer to the correct structure of the Master of Laws major options in CBK90248).

Students may choose to undertake one or two majors, by completing at least three subjects (24 credit points) within the area of the major. Students may also choose not to major in a particular area and instead choose six subjects (48 credit points) from across the major areas.

As part of this course, students must complete the subject 78100 Postgraduate Legal Research. This subject can be included in any of the majors or choiceblocks. Students from a non-common law background are also required to enrol in the subject 78103 Common Law Legal Traditions.

Course completion requirements

18cp
-
18cp

Course program

The list of available majors is shown below.

Most subjects are timetabled over a two-year period and consequently not all subjects listed are offered in any one year. Timetabled subjects are offered subject to sufficient student interest. The current timetable can be found at:

http://timetable.uts.edu.au

List of majors

MAJ09390	Corporate and Commercial Law	24cp
MAJ09425	Dispute Resolution	24cp
MAJ09392	International Law	24cp
MAJ09400	Intellectual Property	24cp
MAJ09410	Global Business Law	24cp

Levels of award

To qualify for honours in the Master of Laws, candidates must attain a weighted average mark of 80 per cent across all subjects attempted.

Further study at UTS

Students in this course may apply for admission into the Doctor of Juridical Science (SJD) (C02027) (see page 474) after completion of 48 credit points of options. SJD applicants must provide satisfactory evidence of their ability to undertake advanced research appropriate to a doctoral program. Candidates do not take out the Master of Laws, rather subjects undertaken within the masters are applied towards the SJD.

Other information

Further information for future students is available from:

telephone +61 2 9514 3660

email law@uts.edu.au

Further information for current students is available from:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C04145v3 Master of Dispute Resolution

Award(s): Master of Dispute Resolution (MDR)

UAC code: 942402 (Autumn semester), 945402 (Spring semester)

CRICOS code: 027886A

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The UTS Dispute Resolution program, a first in Australia, focuses on the wide range of non-adversarial dispute resolution processes. The subjects available accommodate distinct streams that include commerce, family, community and court-annexed programs.

Dispute resolution at UTS is focused on experiential learning involving a fusion of critical and reflective thinking paradigms with the application of theory in practical, work-based contexts.

The mixture of experience-based learning and formal lectures by professional practitioners give students a hands-on understanding of the full range of dispute resolution processes, from negotiation through the consensual processes to decisional theory.

Career options

Career options include arbitrator, manager, negotiator and professionals in a wide range of areas such as health and education, government and industrial relations.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Admission is at the discretion of the associate dean (teaching and learning).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course can be completed in a minimum of one year of full-time or two years of part-time study.

The core introductory subject is offered in intensive block mode over several days of attendance at the beginning of semester. The other subjects are taught in intensive block mode over several full days of lectures, workshops and seminars.

Course structure

The course requires completion of a core introductory subject (6 credit points) plus a further seven subjects (42 credit points).

Subjects are regularly timetabled but not all subjects listed are offered in any one semester. Timetabled subjects are offered subject to sufficient student interest. The current timetable can be found at: http://timetable.uts.edu.au

Course completion requirements

Cour se	completion requirements		
79771	Dispute Resolution		6ср
Select 42 c	redit points from the following options:		42cp
77746	Advanced Mediation	6ср	
77752	Commercial Arbitration (Domestic)	6ср	
77792	Crisis Negotiation	6ср	
77761	Dispute Resolution in Commerce	6ср	
77760	Family Dispute Resolution	6ср	

77751	International Commercial Arbitration	6ср
77745	Negotiation	6ср
77740	Research Paper	6ср
77867	Workplace Dispute Resolution	6ср
STM90111	Research project (Law PG)	12cp
77783	International Commercial Dispute	_
	Resolution	6ср
77850	Psychology and Dispute Resolution	6ср
78029	Mediation Practice	6ср
78173	Dispute Resolution in Civil Practice	6ср
78138	Facilitation	6ср
		Total 48cp

Levels of award

To qualify for honours in the master's program, candidates must attain a weighted average mark of 75 per cent across all subjects attempted and complete the two-semester research project.

Articulation with UTS courses

Graduate Certificate in Dispute Resolution (C11125) (see page 443) candidates may internally transfer to the Master of Dispute Resolution. Subjects undertaken within the graduate certificate are recognised within the master's.

Other information

Further information for future students is available from:

telephone +61 2 9514 3660

email law@uts.edu.au

Further information for current students is available from:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C04147v4 Master of Legal Studies

Award(s): Master of Legal Studies (MLS)

UAC code: 941406 (Summer session), 942406 (Autumn semester), 945406

(Spring semester) CRICOS code: 021717M

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Note(s)

The Master of Legal Studies is not a professional legal qualification. Applicants seeking to be admitted to practice should refer to the Juris Doctor (C04236) (see page 354) or the Bachelor of Laws (C10124) (see page 179). Students may apply for some subjects undertaken within the Master of Legal Studies to be credited towards these degrees.

Overview

The UTS: Law Legal Studies program meets the growing market need for non-law graduates working in the public and private sectors to have a thorough understanding of the legal and regulatory framework in which they operate. This includes an understanding of foundational legal concepts such as contract law and tort law, methods of legal research and theory, as well as the opportunity to develop expertise in specialist legal areas such as compliance and intellectual property law.

The Master of Legal Studies attracts students from a wide variety of backgrounds interested in expanding their skills to include an understanding of the legal framework, including professionals from the insurance, human resources, banking and finance industries, managers and administrators, and HSC legal studies teachers.

Career options

The program particularly benefits accountants and auditors, business development managers, compliance managers, engineers and architects, financial advisers and planners, IT professionals, law enforcement officers, paralegals, policy officers in the public, private and non-profit sectors, property developers, and public sector managers and administrators (especially those who work in Department of Foreign Affairs and Trade, Department of Communications, Information Technology and the Arts, the Attorney-General's Department and Treasury).

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

An applicant's bachelor's degree must be in a discipline other than law. Admission is at the discretion of the associate dean (teaching and learning).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course can be completed in a minimum of one year of full-time or two years of part-time study. Subjects may also be available in Summer session, allowing accelerated progression.

The course features a variety of attendance patterns, including distance teaching (requiring no on-campus attendance), intensive block attendance and weekly on-campus evening classes.

Course structure

The course requires completion of core subjects (30 credit points), including two compulsory introductory subjects and a choice of two further foundation subjects, plus a further three option subjects (18 credit points). (Refer to the course entry in the *UTS*: *Handbook* 2007 for the pre-2008 course structure. For a current listing of subjects in each course, refer to the study package directory. In particular, refer to the correct structure of the Legal Studies major choice in CBK90501).

Students may also elect to undertake up to a maximum of 12 credit points of postgraduate subjects offered in other faculties in the University. Enrolment in non-law subjects is at the discretion of UTS: Law and the faculty in which the subject is offered.

Core subjects are timetabled in Autumn and Spring semesters and option subjects are regularly timetabled but not all option subjects listed are offered in any one semester. Timetabled subjects are offered subject to sufficient student interest. The current timetable can be found at:

http://timetable.uts.edu.au

Course completion requirements

STM90689 Core subjects 30cp CBK90588 Options 18cp Total 48cp

Articulation with UTS courses

Subjects undertaken within the Graduate Diploma in Legal Studies (C07074) (see page 412) are recognised within the Master of Legal Studies. Students enrolled in the graduate diploma may apply to internally transfer to the master's program. Candidates are not awarded the graduate diploma but subjects undertaken are applied towards the master's.

Subjects undertaken within the Juris Doctor (C04236) (see page 354) are recognised within the Master of Legal Studies. Students enrolled in the Juris Doctor may apply to internally transfer to the master's program. Candidates are not awarded the Juris Doctor but subjects undertaken are applied towards the master's.

Other information

Further information for future students is available from:

telephone +61 2 9514 3660

email law@uts.edu.au

Further information for current students is available from:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C04149v4 Master of International Law

Award(s): Master of International Law (MIL)

UAC code: 942404 (Autumn semester), 945404 (Spring semester)

CRICOS code: 032329K

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The Master of International Law allows lawyers and other professionals to extend their knowledge and gain expertise in the expanding and dynamic area of international law.

Course aims

This course aims to identify topics which underpin areas of study in international law, namely:

- multilateral liberalisation of trade in goods and services: GATT 1994, GATS and WTO
- the role of regional trading blocs: NAFTA, ASEAN, EU, CER, MERCOUSOR
- exceptions to liberalisation: agriculture, textiles and clothing, sanitary and phyto-sanitary measures, music and film
- anti-dumping and countervailing duties in a global economy
- foreign investment and the multilateral investment agreement
- regulation of financial markets: the Asian experience
- international commercial arbitration
- · dispute resolution and the WTO
- intellectual property and trade: TRIPS.

Career options

Career options include lawyer, adviser to government or business specialising in international law issues, work within an international NGO, the United Nations or in organisations dedicated to development, lobbyist, activist, and public interest researcher.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Admission is at the discretion of the associate dean (teaching and learning).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course can be completed in a minimum of one year of full-time or two years of part-time study.

Course structure

Two streams are available in the course:

- Students who hold an undergraduate legal qualification must complete eight option subjects (48 credit points).
- Students who hold an undergraduate degree in a discipline other than law must complete one core introductory subject (6 credit points) followed by an additional seven subjects (42 credit points).

Students who have completed an undergraduate legal qualification should contact the UTS Student Centre during enrolment if their study plan includes the Non-law graduate entrant stream (STM90115).

Course completion requirements

Select one of the following: STM90115 Non-law graduate entrant stream STM90114 Law graduate entrant stream

48cp 48cp 48cp Total 48cp

Course diagram Law graduate entrants

Master of International Law 8 x 6-credit-point options

8 x 6-credit-point options
Total 48 credit points

Non-law graduate entrants



Course program

Subjects are regularly timetabled but not all subjects listed are offered in any one semester. Timetabled subjects are offered subject to sufficient student interest. The current timetable can be found at: http://timetable.uts.edu.au

Levels of award

To qualify for honours in the master's program candidates must complete the two-semester research project and attain a weighted average mark of 75 per cent across all subjects attempted.

Articulation with UTS courses

Graduate Certificate in International Law (C11129) (see page 445) candidates may internally transfer to the master's program. Subjects undertaken within the graduate certificate are recognised within the master's.

Other information

Further information for future students is available from:

telephone +61 2 9514 3660

email law@uts.edu.au

Further information for current students is available from:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C04157v8 Master of Information Technology

Award(s): Master of Information Technology (MInfTech)

UAC code: 942601 (Autumn semester), 945601 (Spring semester)

CRICOS code: 040691C

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Overview

This course is designed to enable students to achieve a comprehensive and greater understanding of information technology in specialised technical or management areas. The wide range of specialisations allow students to tailor the course to satisfy their career development needs.

331

It is essential to keep IT knowledge and skills up-to-date. This course provides students with an enhanced understanding of the business context and technical developments shaping contemporary information and communications technology (ICT), and equips them to meet the challenges of working in the IT industry.

Course aims

The course provides students with an understanding of the advanced concepts of information technology in a commercial environment so they can contribute to the development of IT solutions in their organisation.

Career options

Career options include a wide variety of positions in the IT industry, including business intelligence expert, e-business developer, games developer, information systems manager, IT project manager, movie animator, software architect, software quality / testing specialist and systems analyst.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

For this course an equivalent degree can be from any discipline (as applicants for this program may apply as a non-IT graduate or an IT graduate).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Applicants with a recognised bachelor's degree in computing or information technology (or equivalent) may apply for credit recognition equivalent to the 24-credit-point Graduate Certificate in Information Technology (C11142) (see page 447).

Course duration and attendance

The course duration is one-and-a-half years of full-time or three years of part-time study.

Course structure

This course totals 72 credit points, comprising eight core subjects and 18-24 credit points of electives selected from a defined list. The number of electives depends on whether students choose a 6-credit-point or 12-credit-point research project.

Students articulating from pre-2008 version(s) of the Graduate Certificate or Graduate Diploma in Information Technology are typically eligible for advanced standing of 24 credit points equivalent to the subjects in STM90695 (thus requiring 48 credit points to complete the course).

Course completion requirements

of the following:		24cp
0695 Core subjects	24cp	-
802 Choice	24cp	
Technology Research Preparation	-	6ср
IT Professional and Society		6ср
Project Management		6ср
Research choice		12cp
Choice		18cp
	Tota	1 72cp
	695 Core subjects 802 Choice Technology Research Preparation IT Professional and Society Project Management Research choice	695 Core subjects 24cp 802 Choice 24cp Technology Research Preparation IT Professional and Society Project Management Research choice Choice

Course program

The following examples show typical full-time programs for IT graduates, with and without credit recognition, and for non-IT graduates.

Note: Electives are only offered in a particular semester (or year) if there is sufficient demand and the necessary resources.

IT graduates with credit recognition

Year 1

Year 1			
Autumn semester			
32144 32541	Technology Research Preparation Project Management	6ср 6ср	
Select 12 c	redit points of electives	12cp	
Spring ser	nester		
CBK90844 32563	Research choice IT Professional and Society	12ср 6ср	
Select 6 cre	edit points of electives	6ср	
IT gradu	ates without credit recognition		
Year 1			
Autumn se	emester		
32144 32541	Technology Research Preparation Project Management	6cp 6cp	
Select 12 c	redit points of electives	12cp	
Spring ser			
32563	IT Professional and Society	6ср	
Select 18 c	redit points of electives	18cp	
Year 2			
Autumn se	emester		
CBK90844	Research choice	12cp	
Select 12 c	redit points of electives	12cp	
Non-IT graduates			
Year 1			
Autumn se	emester		
32555 32524	Fundamentals of Software Development	6cp	
32606	LANS and Routing Database	6ср 6ср	
32144	Technology Research Preparation	6cp	
Spring semester			
32557	Enabling Enterprise Information Systems	6cp	
32541 32563	Project Management IT Professional and Society	6ср 6ср	
Select 6 cr	edit points of electives	6cp	
Year 2	•	1	
Autumn semester			
	CBK90844 Research choice 12cp		
Select 12 c	redit points of electives	12cp	
1			

Articulation with UTS courses

This course is part of an articulated program of study comprising the Graduate Certificate in Information Technology (C11142) (see page 447), the Graduate Diploma in Information Technology (C06058) (see page 390), the Master of Information Technology and the Master of Information Technology (Extended) (C04218) (see page 340).

Professional recognition

 $\label{thm:computer} Graduates \ qualify for professional-level \ membership \ of the \ Australian \ Computer \ Society.$

Other information

Further information is available from:

Building 10 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C04158v3 Master of Interactive Multimedia

Award(s): Master of Interactive Multimedia (MIMM)

UAC code: 942605 (Autumn semester), 945605 (Spring semester)

CRICOS code: 029620M

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Overview

This course is designed for students from a wide variety of disciplines who may or may not already be working in areas of multimedia. For this reason it contains a considerable number of elective subjects to enable students to gain new areas of knowledge or broaden existing areas.

While this program is managed by the Faculty of Engineering and Information Technology, it is a joint program between the Institute for Interactive Media and Learning and a number of teaching faculties.

The program is designed to educate the innovators and future leaders of the various professions working in multimedia. Graduates acquire the fundamentals in multimedia, underpinning an up-to-date, flexible set of production skills in their own specialised area.

Course aims

A defining characteristic of multimedia education at UTS is the integration of theory and practice in all of the relevant disciplines and professions. The course aims to develop students' professional skills for direct application in the workplace, while providing a solid overview and understanding of the social, historical and industrial role of multimedia communication technologies. Graduates are prepared for a career in a rapidly growing and changing industry.

Career options

Career options include positions in digital media, the mobile web, information architecture, interaction design, new media, web design, web development and web project management. Various events are organised throughout the year to showcase student work and give students the opportunity to speak with industry professionals, including recruiters.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

 $Unless\,applicants\,have\,an\,honours\,degree, or\,equivalent, they\,require:$

- a three-year bachelor's degree (or equivalent), plus either two years of relevant professional experience or a credit average or better in a Graduate Certificate or Graduate Diploma in Interactive Multimedia, or
- outstanding professional experience at a senior level.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Given the interdisciplinary focus and teamwork emphasis of this course, credit recognition and subject exemptions are not normally granted for other postgraduate study or work experience.

Course duration and attendance

The course can normally be completed in one-and-a-half years of full-time or three years of part-time study.

Course structure

This course comprises 72 credit points of study, made up of six core subjects, four elective subjects and a digital media project.

Industrial training/professional practice

Industrial training is available to both local and international students as a separate work-based learning course. Students can enrol into the Diploma in Information Technology Professional Practice (C20049) (see page 299) after completing a minimum of four core subjects. Students can be assisted in finding an internship, or may wish to have current relevant industry work experience recognised.

Course completion requirements

	tompromon roquir onnonno	
95563	Digital Media Development Process	6ср
95564	Digital Media Technologies	6ср
95565	Digital Graphics and the Still Image	6ср
95566	Digital Information and Interaction Design	6ср
95567	Digital Media in Social Context	6ср
95568	Digital Sound and the Moving Image	6ср
95569	Digital Media Project	12cp
CBK90303	Electives (Interactive Multimedia)	24cp
		Total 72cp

Course program

An example program for a full-time student commencing in Autumn semester is shown below.

Elective subjects may be chosen from across the University and must be approved by the multimedia program leader and then the relevant faculty.

Year 1

05563

Autumn semester

70000	Bigital Media Bevelopilient i roccoo	OCP	
95564	Digital Media Technologies	6ср	
95565	Digital Graphics and the Still Image	6ср	
95567	Digital Media in Social Context	6ср	
Spring semester			
05566	Digital Information and Interaction Decign	6an	

Digital Media Development Process

95566	Digital Information and Interaction Design	6ср
95568	Digital Sound and the Moving Image	6ср
Select 12	credit points of electives	12cp

Year 2

Autumn semester

95569	Digital Media Project	12cp
Select 12 cr	redit points of electives	12cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Interactive Multimedia (C11143) (see page 448), the Graduate Diploma in Interactive Multimedia (C07078) (see page 412), and the Master of Interactive Multimedia.

Other information

Further information is available from:

Building 10 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

http://mim.iml.uts.edu.au

C04160v6 Master of Science in Internetworking

Award(s): Master of Science in Internetworking (MSc)

UAC code: 942609 (Autumn semester), 945609 (Spring semester)

CRICOS code: 043341A

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Overview

This course is intended for computing science, information technology or engineering graduates, with or without networking experience, who wish to learn or extend their knowledge of networking and

networking technologies. As students come from a variety of backgrounds, there is a degree of subject choice in the program to meet individual needs.

The internetworking program provides practical, hands-on learning experience using resources provided by Cisco Systems for internetworking, including routing, switching, security, wireless and VoIP. Advanced electives in internetworking are available. The program covers all aspects of the organisational use of networks: design, implementation, security, management, end systems and applications.

This course allows students to develop multiple skills across the internetworking field, according to interest and elective choices, for example, switching and routing, systems and network management and analysis, network security, mobility, and web services development.

Course aims

This program aims to:

- meet the needs of industry for networking specialists
- target a number of industry-based certifications: CCNA (Cisco Certified Network Associate) and CCNP (Cisco Certified Network Professional), Cisco Wireless LAN Support Specialist and Cisco Certified Security Professional
- retrain IT professionals wishing to move into networking and internetworking
- provide a thorough and practical grounding in networking, network design, network administration and network management
- provide a solid foundation for the writing of networked applications using Unix, Java and WWW technologies, and
- meet students' needs by allowing specialisation through project work and subject choice.

Career options

Career options include applications developer, client server architect, network administrator, network architect, network designer, network integrator, network systems programmer, programmer analyst, security architect, system support analyst or a role in data communications.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Previous qualifications are preferred in computing science, information technology, computer engineering, telecommunications, or a related discipline.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Two years' experience in networking or in another position in the IT industry is desirable. Applicants without work experience are also considered.

Credit recognition

Exemptions are granted only for subjects at the graduate certificate level. There are no exemptions granted for the networking subjects 32524 and 32521 without the successful completion of the challenge test for each of the above. A challenge test is required even for holders of a CCNA or CCNP certification and those who have passed the CCNA curriculum in TAFE Certificate IV and/or Diploma. These challenge tests are always held in the week prior to the commencement of classes.

Course duration and attendance

The course duration is one-and-a-half years of full-time or three years of part-time study.

Course structure

This course totals 72 credit points of study, including 48 credit points for completion of the graduate diploma, plus a further 24 credit points of elective subjects, comprising either optional research methodologies and project subjects or elective coursework subjects. In some circumstances, it may be possible to choose two electives from outside the list, provided they are approved by the course coordinator.

Where applicable, project topics should be relevant to students' professional career goals and should be an area of current research interest in their area of study.

Course completion requirements

CBK90225 Core subjects choice	42cp
CBK90476 Internetworking choice	6ср
STM90729 Core subjects	24cp
,	Total 72cp

Course program

A typical full-time program for students commencing in Autumn semester is shown below.

Students can enrol in 32521 WANs and VLANs as either a core subject or an elective. However, as this subject has a prerequisite of 32524 LANS and Routing, it cannot be taken during the first semester of study. Full-time students are advised to enrol in 32144 Technology Research Preparation in their first semester.

Note: Subjects listed as electives may not be offered if there is insufficient demand or a lack of necessary resources.

Year '

Autumn semester

Coming a compact of			
32144	Technology Research Preparation	6ср	
32547	UNIX Systems Programming	6ср	
32524	LANS and Routing	6ср	
32118	Mobile Communications and Computing	6ср	

Spring semester

Spring semester	
CBK90476 Internetworking choice	6ср
Select 18 credit points of options	18cp

Year 2

Autumn semester

Select 24 credit points of options 24cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Internetworking (C11145) (see page 449), the Graduate Diploma in Internetworking (C07080) (see page 413), the Master of Science in Internetworking and the Master of Science in Internetworking (Extended) (C04224) (see page 341).

Professional recognition

Graduates qualify for professional-level membership of the Australian Computer Society (ACS). Students can prepare for Cisco CCNA and CCNP industry certification.

Other information

Further information is available from: Building 10 Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C04161v8 Master of Business in Information Technology Management

Award(s): Master of Business in Information Technology Management

UAC code: 942612 (Autumn semester), 945612 (Spring semester)

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Note(s)

This course is not offered to international students.

Overview

This course focuses on the role of technology in the strategic leadership of organisations. It provides a well-balanced selection of subjects, drawn from advanced information technology and business domains, in an integrated program that is relevant to the current and future demands of the IT industry and business organisations.

IT professionals who have aspirations to senior IT roles and/or business leadership positions in organisations benefit from this course. Graduates are able to contribute constructively to the effective utilisation of information technology with respect to the strategic leadership of an organisation. IT managers who already have significant levels of experience are challenged by this course and gain new perspectives on the effective leadership of organisations in the digital era.

Course aims

The course aims to develop:

- the professional skills necessary for successfully undertaking strategic leadership roles in a variety of organisational contexts,
- a conceptual and analytical understanding of an organisation's needs in a dynamic and challenging global knowledge economy.

Career options

Graduates can be employed in the full range of organisations - private, public and community sector organisations. Graduates can prepare to take on business leadership roles with the view to gaining executive level appointments in these organisations.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Appropriate qualifications are the successful completion of the Graduate Diploma in Information Technology Management (C06060) (see page 391), or the successful completion of the Graduate Certificate in Information Technology Management (C11138) (see page 446) with passes in all subjects and at least a credit average over the entire course. Alternatively applicants require a recognised bachelor's degree (or equivalent) in an appropriate discipline such as information technology or commerce and a minimum of five years' professional work experience in the IT industry, plus some supervisory experience.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course is offered on a three-year, part-time basis.

Course structure

Students complete 72 credit points of study, made up of seven core subjects, a research project and electives.

	•	
32553	Leadership and People Management	6ср
32930	Management Research Methods	6ср
32703	Information Technology Strategy	6ср
32005	Strategic Leadership for Innovation	6ср
32932	Management Research Project	6ср
22227		, -

32007 Strategic Information Technology Investment 6cp 32561 Managing Organisational Change 6ср 32562 Strategic Business Management 6ср CBK90639 Electives 24cp Total 72cp

Course program

A typical part-time program is shown below.

Course completion requirements

Note: Subjects listed as electives are only offered in a particular semester (or year) if there is sufficient demand and the necessary resources. Students can apply to the course coordinator to enrol in an alternative subject as an elective.

Year 1

Autumn semester			
32007	Strategic Information Technology Investment	6ср	
32553	Leadership and People Management	6ср	
Spring semester			
32005	Strategic Leadership for Innovation	6ср	
Select 6 credit points of electives			

Year 2

Autumn	semester	
32561	Managing Organisational Change	6ср
Select 6	credit points of electives	6ср
Spring s	semester	
32562	Strategic Business Management	6ср
Soloct 6 crodit points of alactives		6cn

	O	O	
Select 6 credit points of electives			6ср
Year 3			
Autumn se	mester		
32932	Management Research I	Project	6ср
Select 6 credit points of electives			6ср
Spring sen	nester		
32703	Information Technology		6ср
32930	Management Research N	Methods	6ср

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Information Technology Management (C11138) (see page 446), the Graduate Diploma in Information Technology Management (C06060) (see page 391), and the Master of Business in Information Technology Management.

Other information

Further information is available from: Building 10 Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

C04203v4 Master of Arts in Information and Knowledge Management

Award(s): Master of Arts in Information and Knowledge Management (MA) UAC code: 942516 (Autumn semester), 945516 (Spring semester)

CRICOS code: 006586J

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Overview

The Master of Arts in Information and Knowledge Management is part of an articulated program designed for people who need to provide and manage information services and/or manage and use information and knowledge effectively within organisations.

Graduates of the program have an understanding of the relationship between individuals and information and knowledge practices; contemporary issues, trends, innovations and forces for change in information practice; and ethical practice and the ability to operate with integrity, rigour, self-reliance and cooperation in professional contexts.

Course aims

Graduates of the program have:

- demonstrated sophisticated information handling skills appropriate for professional practice in diverse environments
- an understanding of how to achieve organisational objectives by creating, sharing and using knowledge
- an understanding of contemporary issues, trends, innovations and forces for change in information and knowledge practices, as well as the broader political, policy and technological contexts
- an understanding of ethical practice and the ability to operate with integrity, rigour, self-reliance and cooperation in professional contexts
- demonstrated creative, critical, reflective problem-solving capabilities in the context of their professional roles and a commitment to lifelong learning, and
- demonstrated capabilities in planning and implementing a project.

Career options

Career options include corporate information manager, database designer, electronic information systems manager, information content developer, information designer, knowledge manager, librarian, media researcher, network manager, research officer or records manager.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who have completed a bachelor's, graduate diploma or master's in any field of study or a graduate certificate in a related field of study can apply. Applicants who do not possess the relevant qualification must submit a CV and personal statement outlining their educational and professional achievements.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students who have successfully completed one of the graduate diplomas in the articulated program and who are admitted to this course are eligible for credit recognition for completed subjects.

Course duration and attendance

The course is offered on a one-and-a-half-year, full-time or equivalent part-time basis.

Course structure

This course requires completion of 72 credit points. Students choose one of three streams: Information Management, Knowledge Management or Records Management. Students choose subjects from a specified list of electives. Students can choose an elective subject beyond the specified list only with the approval of the graduate adviser.

Full-time students are required to undertake 24 credit points a semester. Part-time students should undertake 8 or 16 credit points a semester.

Course completion requirements

Select 72 credit points from the following options:	72cp
STM90599 Information Management stream	72cp
STM90600 Knowledge Management stream	72cp
STM90513 Records Management stream	72cp
O .	Total 72cp

Course program

Typical course programs are shown below.

Note: the Knowledge Management stream does not have a full-time intake in Spring semester.

Information Management stream, Autumn commencing, full time

Year 1

Autumn semester

57084	Information Architecture and Design	8cp		
57148	Discovering and Accessing Information	8cp		
57100	People, Information and Knowledge	8cp		
Spring semester				
57146	Organising Information	8cp		
57089		8cp		
CBK90517	Electives	8cp		

Year 2

Autumn semester

Autumn Se	emester		
57087	Knowledge Management and the Organ	nisation	8ср
Select one	of the following:		16ср
57009	Information and Knowledge		
	Management Project	16cp	
STM9	0654 Master's option without project	16cp	

Information Management stream, Autumn commencing, part time

Year 1

57148

Autumn semester

57100	People, Information and Knowledge	8cp		
Spring semester				
57146	Organising Information	8ср		
57089	Information Research and Data Analysis	8cp		

8cp

Discovering and Accessing Information

Year 2

Autumn semester

57084	Information Architecture and Design	8cp
57087	Knowledge Management and the Organisation	8cp
Spring semester		
Select one of the following:		4cp

Select one of t	he following:		4cp
57104	Information and Knowledge		•
	Management Project Part Å	4cp	
57149	Information and Knowledge	•	
	Management Major Paper	8ср	
CBK90517 Fle	ectives	-	8cn

Year 3		Year 2
Autumn semester Select one of the following: 57105 Information and Knowledge Management Project Part B 12cp CBK90562 Electives 8cp	12cp	Autumn semester Select one of the following: 16cp 57009 Information and Knowledge Management Project 16cp STM90654 Master's option without project 16cp
Information Management stream, Spring commencing	g,	Select 8 credit points of electives 8cp
full time Year 1		Knowledge Management stream, Autumn commencing, part time
Spring semester		Year 1
57100 People, Information and Knowledge 57146 Organising Information CBK90517 Electives	8cp 8cp 8cp	Autumn semester 57100 People, Information and Knowledge 8cp 57087 Knowledge Management and the Organisation 8cp
Year 2		Spring semester
Autumn semester 57148 Discovering and Accessing Information 57087 Knowledge Management and the Organisation 57084 Information Architecture and Design	8cp 8cp 8cp	Select one of the following: 57146 Organising Information 57147 Enterprise Content Management 57103 Knowledge Management Strategies 8cp 8cp 8cp
Spring semester	-	Year 2
57089 Information Research and Data Analysis	8cp	Autumn semester
Select one of the following: 57009 Information and Knowledge	16cp	Select 16 credit points of electives 16cp
Management Project 16cp STM90653 Master's option without project 16cp Information Management stream, Spring commencing	~	Spring semester Select one of the following: 4cp 57104 Information and Knowledge
part time	91	Management Project Part A 4cp CBK90564 Electives 8cp 57089 Information Research and Data Analysis 8cp
Year 1		Year 3
Spring semester 57100 People, Information and Knowledge	8ср	Autumn semester
CBK90517 Electives	8cp	Select one of the following: 12cp
Year 2		57105 Information and Knowledge Management Project Part B 12cp
Autumn semester 57148 Discovering and Accessing Information 57084 Information Architecture and Design	8cp	57149 Information and Knowledge Management Major Paper 8cp
Spring semester	8cp	Knowledge Management stream, Spring commencing, part time
57146 Organising Information 57089 Information Research and Data Analysis	8ср 8ср	Year 1
Year 3		Spring semester
Autumn semester		57100 People, Information and Knowledge 8cp
57087 Knowledge Management and the Organisation Select one of the following:	8ср 4ср	Select one of the following: 8cp 57146 Organising Information 8cp 57147 Enterprise Content Management 8cp
57104 Information and Knowledge Management Project Part A 4cp		Year 2
57149 Information and Knowledge Management Major Paper 8cp		Autumn semester 57087 Knowledge Management and the Organisation 8cp
Spring semester Select one of the following:	12cp	Select 8 credit points of electives 8cp
57105 Information and Knowledge Management Project Part B 12cp CBK90562 Electives 8cp	_r	Spring semester57103Knowledge Management Strategies8cp57089Information Research and Data Analysis8cp
1	_	Year 3
Knowledge Management stream, Autumn commencin full time	ıg,	Autumn semester
Year 1		Select one of the following: 4cp
Autumn semester		57104 Information and Knowledge Management Project Part A 4cp
57087 Knowledge Management and the Organisation 57100 People, Information and Knowledge	8ср 8ср	57149 Information and Knowledge Management Major Paper 8cp
Select 8 credit points of electives	8ср	Select 8 credit points of electives 8cp
Spring semester	0	Spring semester Selections of the following:
57103 Knowledge Management Strategies 57089 Information Research and Data Analysis	8cp 8cp	Select one of the following: 12cp 57105 Information and Knowledge Management Project Part B 12cp
Select one of the following: 57146 Organising Information 8cp 57147 Enterprise Content Management 8cp	8ср	CBK90564 Electives 8cp

Records Management stream, Autumn commencing,

full time				
Year 1				
Autumn semester 57087 Knowledge Management and the Organisation 57181 Recordkeeping Fundamentals	on 8cp 8cp			
57100 People, Information and Knowledge	8cp			
Spring semester 57147 Enterprise Content Management 57089 Information Research and Data Analysis 57153 Digital Curation	8cp 8cp 8cp			
Year 2				
	16cp			
	16cp			
Select 8 credit points of options	8ср			
Records Management stream, Autumn commence part time	ing,			
Year 1				
Autumn semester 57181 Recordkeeping Fundamentals 57100 People, Information and Knowledge	8cp 8cp			
Spring semester 57147 Enterprise Content Management 57153 Digital Curation	8cp 8cp			
Year 2				
Autumn semester	0			
57087 Knowledge Management and the Organisation	•			
Select 8 credit points of options 8cp				
Spring semester 57089 Information Research and Data Analysis	8ср			
Select one of the following: 57104 Information and Knowledge Management Project Part A	4cp			
CBK90415 Elective	8cp			
Year 3				

Autumn semester

Select one of t	he following:	12cp
57105	Information and Knowledge	_
	Management Project Part B	12cp
57149	Information and Knowledge	•
	Management Major Paper	8cp

Records Management stream, Spring commencing, full time

People, Information and Knowledge

Year 1

57100

Spring semester

Select one of the following:

STM90548 Master's option

57009

Enterprise Content Management Digital Curation	8cp 8cp	
emester		
Knowledge Management and the Organisation Recordkeeping Fundamentals	8cp 8cp	
edit points of options	8cp	
Spring semester		
Information Research and Data Analysis	8cp	
	Digital Curation emester Knowledge Management and the Organisation Recordkeeping Fundamentals edit points of options mester	

Information and Knowledge

Management Project

Records Management stream, Spring commencing, part time

Year 1

Spring semester				
57100	People, Information and Knowledge	8ср		
57147	Enterprise Content Management	8cp		
Year 2				
Autumn comector				

57087 Knowledge Management and the Organisation

57181	Recordkeeping Fundamentals	8cp
Spring se	emester	
57089	Information Research and Data Analysis	8ср
57153	Digital Curation	8cp

8cp

4cp

Year 3

Autumn semester

Select one of the following:

Information and Knowledge		-1
Management Project Part A Elective	4ср 8ср	
points of options		8cp
er		
e following:		12cp
Information and Knowledge		-
Management Project Part B	12cp	
Information and Knowledge		
Management Major Paper	8cp	
	Elective points of options er e following: Information and Knowledge Management Project Part B Information and Knowledge	Management Project Part A 4cp Elective 8cp soints of options er e following: Information and Knowledge Management Project Part B 12cp Information and Knowledge

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Diploma in Information Management (C07107) (see page 414), the Graduate Diploma in Knowledge Management (C07105) (not offered in 2013) and the Master of Arts in Information and Knowledge

Professional recognition

Graduates are eligible for professional membership of the Australian Library and Information Association (ALIA).

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C04207v2 Master of Engineering Studies Master of Engineering Management

CRICOS code: 047834C Commonwealth-supported place?: No Load credit points: 96 Course EFTSL: 2 Location: City campus

Overview

8cp

16cp

16cp

16cp

This program allows students to complete the Master of Engineering Studies (MEStud) and the Master of Engineering Management (MEM) in two years of full-time study.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

No work experience is required.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Once students have completed the Master of Engineering Management they need to submit an application for credit recognition for two subjects from the Master of Engineering Studies. Students can, therefore, complete the combined program by completing only 84 credit points (14 subjects). The faculty does not grant credit recognition based on work experience.

Course duration and attendance

The course can be completed in two years of full-time study, comprising one year for the Master of Engineering Studies and one year for the Master of Engineering Management. The course is also available part time.

Attendance is available in weekly (normally evenings), block and/or distance modes.

Course structure

To complete the Master of Engineering Studies (MEStud), students must complete eight postgraduate subjects (48 credit points) offered by UTS: Engineering.

To complete the Master of Engineering Management (MEM), students must complete six core subjects (36 credit points) and two elective subjects (12 credit points) as specified under that course, however, two MEM subjects may be exempted based on subjects undertaken in the MEStud. Elective subjects are chosen from postgraduate subjects offered within UTS: Engineering.

Course completion requirements

STM90547 MEM stream CBK90330 Major choice

48cp 48cp

Total 96cp

Course program

The typical course program comprises the following:

- Year 1: MEStud component (as per C04097) (see page 315)
- Year 2: MEM component (as per C04094) (see page 314).

Other information

Further information is available from:

Building 1 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C04212v2 Master of Animation

Award(s): Master of Animation (MAnim) UAC code: 942109 (Autumn semester)

CRICOS code: 051467J

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Overview

This course provides practising animators and graduates of animation or related fields the opportunity to achieve a master's degree by a combination of coursework and project work.

The course involves a cross-disciplinary study of animation offered by three course areas: UTS: Information Technology, UTS: Communication and UTS: Design, Architecture and Building. It reflects their teaching strengths in digital design, animation, programming and production. It is the first postgraduate course in Australia to offer a Master of Animation rather than just a major in animation.

Course aims

The course comprises a combination of coursework, research and project work. Coursework areas include traditional film animation, 2D and 3D digital animation, graphic visualisation, object-oriented programming and animation studies, culminating in the production of a short animated work. Animation production is undertaken as project work in the final semester and provides an opportunity for students to explore an area of particular interest or professional benefit. This may be undertaken as individual work or as part of a collaborative team.

Career options

Career options include positions in animation, including animation for the internet, architecture, character design, computer game software design, experimental animation, feature film production, film and television graphics, special effects and storyboard design.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Previous qualifications must be in an area of animation, design, media studies or production, information technology or visual arts. Applicants must also have a demonstrated interest in animation design, animation studies or animation production. Applicants with considerable professional experience but without formal qualifications may be admitted to the course on the basis of their professional experience.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Applications

Applicants must submit:

- A showreel of one or more animated/moving image works not longer than 10 minutes in total viewing time that demonstrates their capabilities in animation and/or video/film. The showreel should be on DVD (able to play in all regions) and in an accessible file format, e.g. Quick-time/avi or Flash (.swf only). Alternatively, showreels viewable as a linked URL are also accepted. Applicants should include a list of the works and a brief synopsis (not more that 50 words each) for each work/sequence. If applicants worked collaboratively on the works/sequences, they should indicate the role played in the creation of the work/sequence.
- A print portfolio of images that demonstrates other aspects of their ideas and skills for animation and film making. It may include drawings, illustrations, storyboards, the design of 3D objects and visualisations, photomedia, scripts, and other form of visual expression that explore the moving image. The portfolio should consist of a maximum of 10 pages in either A4 printed form, or as an Adobe PDF Portfolio placed onto the showreel disc or linked to the URL.
- A CV, that must clearly articulate their design-related experience, with a personal statement that should be a maximum of 300 words and must address the reasons for wishing to undertake a Master of Animation, in either printed form, or as an Adobe PDF file placed onto the showreel disc or linked to the URL.

Course duration and attendance

The course may be completed in one-and-a-half years of full-time or three years of part-time study.

Course structure

The course comprises 72 credit points of study, made up of 24 credit points of project subjects, 30 credit points of core subjects and 18 credit points from an approved program of elective subjects.

Each student is assisted by the course coordinator to develop a pattern of study best suited to their needs.

Course completion requirements

Animation Concepts Seminar

STM90581 Core subjects	54cp
CBK90464 Animation subjects choice	18cp
,	Total 72cp

Course program

The example program below is for a full-time student commencing in Autumn semester.

Year 1

57130

Autumn semester

32543 57108 89200	3D Animation Film Animation Graphic Visualisation		6cp 6cp 6cp
Spring ser	nester		
89201	Animation Genres Seminar		6ср
Select 18 c	redit points from the following options:		18cp
32501	Computer Graphics	6ср	_
32510	Principles of Object-oriented		
	Programming in C++	6ср	
32003	Computer Game Design	6ср	
57169	Moving Image	6ср	
57171	Writing for the Screen	6ср	
57170	Sound and Interaction	6ср	
89204	2D Digital Animation	6ср	
89202	3D Digital Animation 1	6ср	
89203	3D Digital Animation 2	6ср	

Year 2

Autumn or Spring semester

Select 24 credit points from the following options:			24cp
89990	Animation Project	24cp	1
89991	Animation Project A	12cp	
89992	Animation Project B	12cp	

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

C04218v5 Master of Information Technology (Extended)

Award(s): Master of Information Technology (MInfTech) UAC code: 942600 (Autumn semester), 945600 (Spring semester) CRICOS code: 053204E

Commonwealth-supported place?: No

Load credit points: 96 Course EFTSL: 2 Location: City campus

Overview

This course is designed to enable students to achieve a comprehensive and greater understanding of information technology in specialised technical or management areas. The wide range of specialisations allows students to tailor the course to satisfy their career development needs. The extended master's allows students to study in greater depth in their chosen field.

It is essential to keep IT knowledge and skills up-to-date. This course provides students with an enhanced understanding of the business context and technical developments shaping contemporary information and communications technology (ICT) and equips them to meet the challenges of working in the IT industry.

Course aims

The course provides students with an understanding of the advanced concepts of information technology in a commercial environment so they can contribute to the development of IT solutions in their organisation.

Career options

6ср

Career options include a wide variety of positions in the IT industry, including business intelligence expert, e-business developer, games developer, information systems manager, IT project manager, movie animator, software architect, software quality / testing specialist, and systems analyst.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

For this course an equivalent degree can be from any discipline (as applicants for this program may apply as a non-IT graduate or an IT graduate).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Applicants with a recognised bachelor's degree in computing or information technology (or equivalent) may apply for credit recognition equivalent to the 24-credit-point Graduate Certificate in Information Technology (C11142) (see page 447).

Course duration and attendance

The course duration is two years of full-time or four years of parttime study.

Course structure

The course comprises 96 credit points, made up of eight core subjects and 42-48 credit points of electives selected from a defined list. The number of electives depends on whether students choose a 6-creditpoint or 12-credit-point research project.

Students articulating from pre-2008 version(s) of the Graduate Certificate or Graduate Diploma in Information Technology are typically eligible for advanced standing of 24 credit points equivalent to the subjects in STM90695 (requiring 72 credit points to complete

Course completion requirements

Select one	of the following:		24cp
STM9	0695 Core subjects	24cp	-
CBK9	0802 Choice	24cp	
32144	Technology Research Preparation	•	6ср
32541	Project Management		6ср
32563	IT Professional and Society		6ср
CBK90844	Research choice		12cp
CBK90846	Choice		42cp
		Tota	196cn

Course program

The following examples show typical full-time programs for IT graduates, with and without credit recognition, and for non-IT graduates.

Note: Electives are only offered in a particular semester (or year) if there is sufficient demand and the necessary resources.

IT graduates with credit recognition

	Autumn se 32144 32541	emester Technology Research Preparation Project Management	6cp 6cp	
		redit points of electives	12cp	
	Spring ser 32563	nester IT Professional and Society	6ср	
	Select 18 c	redit points of electives	18cp	
	Year 2			
Autumn semester CBK90844 Research choice 12cp			12ср	
	Select 12 c	redit points of electives	12cp	
	IT graduates without credit recognition			
	Year 1			
	Autumn se 32144 32541	emester Technology Research Preparation Project Management	6cp 6cp	

32563

Spring semester

Year 2	
Autumn semester Select 24 credit points of electives	24cp
Spring semester CBK90844 Research choice	12cp
Select 12 credit points of electives	12cp

Non-IT graduates

Select 12 credit points of electives

Select 18 credit points of electives

IT Professional and Society

Year 1

Autumn semester				
32555 32524 32606 32144	Fundamentals of Software Development LANS and Routing Database Technology Research Preparation	6cp 6cp 6cp 6cp		
Spring se	Spring semester			
32557 32563 32541	Enabling Enterprise Information Systems IT Professional and Society Project Management	6ср 6ср 6ср		
Select 6 credit points of electives 6cp				

22011 Troject Management	ocp
Select 6 credit points of electives	6ср
Year 2	
Autumn semester Select 24 credit points of electives	24cp
Spring semester CBK90844 Research choice	12cp
Select 12 credit points of electives	12cp
A .1 1 .1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.	

Articulation with UTS courses

This course is part of an articulated program of study comprising the Graduate Certificate in Information Technology (C11142) (see page 447), the Graduate Diploma in Information Technology (C06058) (see page 390), the Master of Information Technology (C04157) (see page 331) and the Master of Information Technology (Extended).

Professional recognition

Graduates qualify for professional-level membership of the Australian Computer Society.

Other information

Further information is available from:

Building 10 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C04224v2 Master of Science in Internetworking (Extended)

Award(s): Master of Science in Internetworking (MSc)

UAC code: 942608 (Autumn semester), 945608 (Spring semester)

CRICOS code: 055279C

Commonwealth-supported place?: No

Load credit points: 96 Course EFTSL: 2 Location: City campus

Overview

12cp

6ср

18cp

This course is intended for computing science, information technology or engineering graduates, with or without networking experience, who wish to learn or extend their knowledge of networking and networking technologies. As students come from a variety of backgrounds, there is a degree of subject choice in the program to meet individual needs.

The internetworking program provides students with a practical, hands-on learning experience using resources provided by Cisco Systems for internetworking including routing, switching, security, wireless and VoIP. Advanced electives in internetworking are available. The program covers all aspects of the organisational use of networks: design, implementation, security, management, end systems and applications.

This course allows students to develop multiple skills across the internetworking field, according to interest and elective choices, for example, switching and routing, systems and network management and analysis, network security, mobility and web services development.

The course allows students wishing to prepare for CCNP to complete these subjects over 18 months, rather than 12 months, meeting the prerequisite requirements more effectively. Additionally, it provides research-oriented students with the opportunity to complete a larger

With the extended program, students can pursue interests in project management and software engineering. Relevant electives in business studies and law are also options for those students who wish to multiskill across disciplines.

Course aims

This program aims to:

- meet the needs of industry for networking specialists
- target a number of industry-based certifications: CCNA (Cisco Certified Network Associate), CCNP (Cisco Certified Network Professional), Cisco Wireless LAN Support Specialist, and Cisco Certified Security Professional
- retrain IT professionals wishing to move into networking and internetworking
- provide a thorough and practical grounding in networking, network design, network administration and network management
- provide a solid foundation for the writing of networked applications using Unix, Java and WWW technologies, and
- meet students' needs by allowing specialisation through project work and subject choice.

Career options

Career options include applications developer, client server architect, data communications, network administrator, network architect, network designer, network integrator, network systems programmer, programmer analyst, security architect and system support analyst.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Previous qualifications are preferred in computing science, information technology, computer engineering, telecommunications, or a related discipline.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Two years' experience in networking or in another position in the IT industry is desirable. Applicants without work experience are also considered

Credit recognition

Exemptions are granted only for subjects at the graduate certificate level. There are no exemptions granted for the networking subjects 32524 and 32521 without the successful completion of the challenge test for each of the above. A challenge test is required even for holders of a CCNA or CCNP certification and those who have passed the CCNA curriculum in TAFE Certificate IV and/or Diploma. These challenge tests are always held in the week prior to the commencement of classes.

Course duration and attendance

The course duration is two years of full-time or four years of part-time study.

Course structure

The course totals 96 credit points of study, including 48 credit points for completion of the graduate diploma, plus a further 48 credit points of options, comprising either optional research methodologies and project subjects or elective coursework subjects. Within the course there is the option of choosing 24 credit points of subjects from outside the internetworking program, provided they are approved by the course coordinator.

Where applicable, project topics should be relevant to students' professional career goals and should be an area of current research interest in their area of study.

Course completion requirements

CBK90476 Internetworking choice	6ср
CBK90477 Internetworking choice	24cp
CBK90225 Core subjects choice	42cp
STM90729 Core subjects	24cp
,	Total 96cp

Course program

A typical full-time program for students commencing in Autumn semester is shown below.

Students can enrol in 32521 WANs and VLANs as either a core subject or an elective. However, as this subject has a prerequisite of 32524 LANS and Routing it cannot be taken during the first semester of study. Full-time students are advised to enrol in 32144 Technology Research Preparation in their first semester.

Note: Subjects listed as options may not be offered if there is insufficient demand or a lack of necessary resources.

Year 1

Autumn semester

Select 24 credit points of electives

Autumn se	emester	
32118	Mobile Communications and Computing	6ср
32524	LANS and Routing	6ср
32547	UNIX Systems Programming	6ср
32144	Technology Research Preparation	6ср
Spring ser	nester	
CBK90476 Internetworking choice		
Select 18 credit points of options		18cp
Year 2		
Autumn se	emester	
Select 24 credit points of options		24cp
Spring ser	nester	

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Internetworking (C11145) (see page 449), the Graduate Diploma in Internetworking (C07080) (see page 413), the Master of Science in Internetworking (C04160) (see page 333) and the Master of Science in Internetworking (Extended).

Professional recognition

Graduates qualify for professional-level membership of the Australian Computer Society (ACS). Students can prepare for Cisco CCNA and CCNP industry certification.

Other information

Further information is available from: Building 10 Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

C04226v4 Master of Business in Operations and Supply Chain Management

Award(s): Master of Business in Operations and Supply Chain Management (MBus)

CRICOS code: 055273J

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Overview

New technology, particularly in the area of information, new management approaches and the pressure of global competition, has placed a premium on those who have a broad understanding of how to plan and manage complex business processes. The Master of Business in Operations and Supply Chain Management is designed for those who wish to gain significant insight and skills in these areas.

The course is designed to cater for the needs of those employed in all sectors of business.

Course aims

The course provides professionals with advanced value chain management skills and the knowledge to enhance their understanding of the nature and contribution of the operations management, supply chain management and procurement functions at a professional level.

Career options

Career options include positions in operations management, service operations management, supply chain management and strategic procurement.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

If the previous qualification is not in a related field, applicants require a minimum of two years' relevant work experience. Applicants with a relevant graduate certificate must have completed it with at least a credit average.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

24cp

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of eight subject exemptions, of which four core subjects may be approved from prior undergraduate study.

Course duration and attendance

The course may be completed in one-and-a-half years of full-time or three years of part-time study.

Course structure

The course totals 72 credit points and consists of a combination of core and elective subjects.

Course completion requirements

Select 72 credit points from the following options:	72cp
STM90754 Standard option (Operations Supply Chain	-
Management)	72cp
STM90753 Procurement option (Operations Supply	•
Chain Management)	72cp
	Total 72cp

Course program			
program is shown below. Managing Operations Business Excellence		6ср 6ср	
of the following: Management Skills Strategic Procurement	6ср 6ср	6ср	
Strategic Supply Chain Management Managing Work and People	1	6ср 6ср	
redit points from the following options:		42cp	
Business Process Integration with ERP	6ср	_	
Change Management	6ср		
Global Strategic Management	6ср		
Legal Aspects of Contracts Administration	6ср		
Quantitative Management Practice	6ср		
Innovation and Entrepreneurship	6ср		
Project Management Principles	6ср		
Managing for Sustainability	6ср		
Service Operations Management	6ср		
, , , , , , , , , , , , , , , , , , , ,	6ср		
Management Skills	6ср		
Strategic Procurement	6ср		
	program is shown below. Managing Operations Business Excellence of the following: Management Skills Strategic Procurement Strategic Supply Chain Management Managing Work and People redit points from the following options: Business Process Integration with ERP Change Management Global Strategic Management Legal Aspects of Contracts Administration Quantitative Management Practice Innovation and Entrepreneurship Project Management Principles Managing for Sustainability Service Operations Management Electives (Law/Business)	program is shown below. Managing Operations Business Excellence of the following: Management Skills Strategic Procurement Managing Work and People redit points from the following options: Business Process Integration with ERP Change Management Global Strategic Management Legal Aspects of Contracts Administration Quantitative Management Practice Innovation and Entrepreneurship Project Management Principles Managing for Sustainability Service Operations Management Electives (Law/Business) Gcp Management Skills Gcp Management Skills	

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Operations and Supply Chain Management (C11199) (see page 453), the Graduate Diploma in Operations and Supply Chain Management (C07112) (see page 415) and the Master of Business in Operations and Supply Chain Management.

Professional recognition

The Procurement stream in this course has been accredited to MCIPS standard with the Chartered Institute of Purchasing and Supply. Following completion of the course with the Procurement stream and three years' relevant work experience, graduates are eligible to apply for MCIPS. More information is available at:

www.cipsa.com.au

Other information

Further information is available from UTS: Business on: telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/gsb

C04227v3 Master of Business in Human Resource Management

Award(s): Master of Business in Human Resource Management (MBus)

CRICOS code: 055274G

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Overview

The Master of Business in Human Resource Management provides students with the in-depth knowledge and skills necessary to contribute at a senior level to their organisation's human resources and industrial relations functions.

The course is designed primarily for individuals who are currently employed, or show the potential for employment, at senior policymaking levels in the fields of human resource management, industrial relations, occupational health and affirmative action.

Course aims

The course aims to provide leading-edge conceptual and practical understandings of human resource management in complex and unfamiliar workplace situations in order to facilitate management decision-making.

Career options

Career options include positions in change management and general management, human resources, and organisational training and

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

If the previous qualification is not in a related field, applicants require a minimum of two years' relevant work experience. Applicants with a relevant graduate certificate must have completed it with at least a credit average

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of eight subject exemptions, of which four core subjects may be approved from prior undergraduate study.

Course duration and attendance

The course may be completed in one-and-a-half years of full-time or three years of part-time study.

Course structure

The course totals 72 credit points and consists of a combination of core and elective subjects.

Course completion requirements

CBK90386 Electives (HRM) 18ср STM90525 Core subjects (HRM) 54cp Total 72cp

343

Course program

The course program is shown below.

Students who wish to focus on industrial relations/industrial law may substitute the business elective with an elective from the Faculty of Law, subject to approval by the course coordinator.

21702	Industrial Relations		6ср
21720	Human Resource Management		6ср
21724	Strategic Human Resource Management		6ср
21760	Performance and Talent Management		6ср
21779	Management Skills		6cp
21827	Change Management		6ср
21800	Management and Organisations		6cp
21833	International Human Resources Managemer	nt	6cp
21844	Managing Work and People		6cp
Select 18 ca	redit points from the following options:		18cp
21741	Managing Operations	6ср	-
21811	Global Strategic Management	6cp	
21832	Managing for Sustainability	6cp	
21854	Innovation and Entrepreneurship	6cp	
21856	Career and Portfolio Development	6cp	
77942	Legal Aspects of Contracts Administration	6cp	
CBK90387	Electives (Law/Business)	6cp	

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Human Resource Management (C11198) (see page 453), the Graduate Diploma in Human Resource Management (C07113) (see page 416) and the Master of Business in Human Resource Management.

Professional recognition

Students completing this degree are eligible to apply to the Australian Human Resources Institute (AHRI) for the Professional Member (MAHRI) status and / or advancement to a higher level of membership for those who have appropriate work experience.

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/gsb

C04228v1 Master of Nursing

Award(s): Master of Nursing (in name of major) (MN)

UAC code: 942825 (Management) (Autumn semester), 942826 (Education) (Autumn semester), 942827 (Nurse Practitioner) (Autumn semester), 942828 (Advanced Nursing Practice) (Autumn semester), 942829 (Health Research) (Autumn semester), 945825 (Management) (Spring semester), 945826 (Education) (Spring semester), 945827 (Nurse Practitioner) (Spring semester), 945828 (Advanced Nursing Practice) (Spring semester), 945829 (Health Research) (Spring semester)

CRICOS code: 055628J

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5

Location: Kuring-gai campus

Note(s)

This course also has a mid-year intake.

Overview

This course is designed to provide registered nurses with the specialist skills and knowledge required for advanced practice. Students undertake one of four majors and a sub-major chosen from a wide range of specialty areas.

Students can customise their program to meet personal learning needs or workplace requirements. Majors and sub-majors can be combined in a variety of ways to achieve either generalist or highly specialised skills in addition to leadership expertise.

Students choose one of the following majors: Advanced Nursing Practice, Nurse Practitioner, Health Research (domestic students only), Education, Management.

Students complete a sub-major from the following specialty areas: acute care nursing, anaesthetics and recovery room nursing, child and family health nursing, children's nursing, clinical management,

clinical teaching, critical care nursing, diabetes education and management, mental health nursing, neonatal nursing, neuroscience nursing, and perioperative nursing.

Elective subjects planned within the course give students the opportunity to explore areas of interest in addition to their selected major.

Course aims

This course aims to:

- develop students' careers as advanced clinicians, managers, educators or nurse practitioners
- extend and enhance existing skills
- build confidence and leadership skills
- provide academic experience and qualification.

Career options

Career options include advanced practice (e.g. clinical nurse specialist or consultant), nursing management, nursing education or nurse practitioner positions in both clinical and community health settings.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants must hold current registration as a nurse in Australia. Registered nurses who do not have an undergraduate diploma or degree but do have recent relevant work experience and can demonstrate the capacity to undertake tertiary study may also be considered eligible.

International applicants must be a registered nurse in their own country or place of residence and hold a current Authority to Practise.

Local applicants must have concurrent employment in, or access to, the area of study and one year of post-registration clinical experience.

Students' current nursing registration will be confirmed via the National Register of Practitioners at:

www.ahpra.gov.au/Registration/Registers-of-Practitioners.aspx

Students should ensure that details of their registration are up-to-date on this register.

Applicants to the Master of Nursing in Health Research must have completed four subjects (24 credit points) at the postgraduate level (excluding the core subjects in the Health Research major).

Applicants to the Nurse Practitioner major need to demonstrate the following additional requirements:

- current registration as a nurse in Australia
- length and depth of experience: a minimum of five years, fulltime equivalent (FTE) experience as a registered nurse, including three years FTE as a registered nurse in a specialty area and one year FTE at an advanced practice level in the relevant specialty area of practice
- requisite education or equivalent in a specialty field as entry
 to the Nurse Practitioner program: Bachelor of Nursing or
 equivalent and a postgraduate qualification in a specialty field
 that has prepared the student for advanced practice (either as a
 prerequisite or integrated into the master's degree)
- required professional activity: active involvement in professional organisations and contribution to the ongoing development of the profession
- confirmed support for the applicant to complete all professional experience requirements of the course.

For further information on additional requirements, contact the course coordinator.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a one-and-a-half-year, full-time or three-year, part-time basis.

Course structure

Students must complete a total of 72 credit points (12 subjects) comprising one major, which also includes a choice of one sub-major.

Course completion requirements

Select one of the following:	72cp
STM90595 Domestic students	72cp
STM90596 International students	72cp
	Total 72cp

Course program

Examples course programs are shown below. In the Advanced Nursing Practice major and the Nurse Practitioner major, the Critical Care Nursing sub-major has been selected as an example.

Education major and Clinical Teaching sub-major, PT

Year 1

rear i				
Autumn se	emester			
Select	one of the following:		6ср	
92713	Titulia Ditulia (11)	6ср		
	00056 Nursing subjects (PG)	6ср		
92848	Facilitation of Clinical Learning		6ср	
Spring ser	mester			
92607	Education for Practice Development		6ср	
92869	Specialty Clinical Practice		6ср	
Year 2				
Autumn se	emester			
92606	Issues in Australian Health Services		6ср	
92790	Evidence-based Practice		6ср	
Spring semester				
Select 12 credit points from the following options: 12c				
CBK90510	CBK90510 Electives 18cp			
Year 3				
icai J				

Autumn semester

	Autuilli 3	emester		
	92721	Health Promotion and Health Education		6ср
	Select 6 credit points from the following options: CBK90510 Electives		18cp	6ср
Spring semester				
	92612	Research in Health		6ср

Nurse Practitioner major and Critical Care Nursing sub-major, PT

Fundamentals of Critical Care Nursing

CBK90148 Education subjects (PG)

Health Breakdown

Year 1

92918

92713

92609

92611

Autumn semester

Spring semester

92919 92869	Complex Critical Care Specialty Clinical Practice	6ср 6ср
Year 2	· Provide and a second	1
Autumn s	emester	
92790	Evidence-based Practice	6ср
92606	Issues in Australian Health Services	6cp
Spring ser	mester	
92612	Research in Health	6ср

Pharmacological Therapies in Advanced Practice

Year 3 Autumn semester

92608 98727	Advanced Assessment and Diagnosis Quality Use of Medicines in Advanced Practice	6ср 6ср
Spring se	mester	
98728	Leadership, Accountability and Role Development in Advanced Practice	6ср

Complex Case Management

Education major and Clinical Teaching sub-major, FT

Autumn s	emester			
Selec	Select one of the following:			
92713	B Health Breakdown	6ср		
CBK9	90056 Nursing subjects (PG)	6ср		
92848	Facilitation of Clinical Learning		6ср	
92790	Evidence-based Practice		6ср	
92606	Issues in Australian Health Services		6ср	
Spring ser	mester			
92607	Education for Practice Development		6ср	
92612	Research in Health		6cp	
92869	Specialty Clinical Practice		6cp	
Select 6 credit points from the following options:			6ср	
CBK90510	Electives	18cp	-	
V0				

Year 2

Autumn semester				
92721 Health Promotion and Health Education CBK90148 Education subjects (PG)		6ср 6ср		
Select 12 credit points from the following options: CBK90510 Electives	18cp	12cp		

Management major and Clinical Management sub-major, FT

Year 1			
Autumn s	emester		
92932 92790 92606	Management for Clinicians Evidence-based Practice Issues in Australian Health Services		6ср 6ср 6ср
Select 6 cr CBK90510	edit points from the following options:) Electives	18cp	6ср
Spring ser	mester		
92023	Health Services Resource Management		6cp
92887 92612	Organisational Management in Health Care Research in Health	!	6ср 6ср
Select 6 cr CBK90510	edit points from the following options:	18cp	6ср
	Licetives	тоср	
Year 2			
Autumn s	emester		

Autumn s	emester		
92847 92917	Planning and Evaluating Health Services Using Health Care Data for Decision Makin	g	6ср 6ср
Select 12 c CBK90510	redit points from the following options:		12cp
CBK90310	Electives	18cp	

Advanced Nursing Practice major and Critical Care sub-major, PT

Year 1

Autumn semester

6ср

6ср

6ср

6ср

92713	Health Breakdown	6ср
92918	Fundamentals of Critical Care Nursing	6ср
	semester	
92919	Complex Critical Care	6ср
92869	Specialty Clinical Practice	6ср

Year 2

Autumn semester		
92606 92790	Issues in Australian Health Services Evidence-based Practice	6ср 6ср
Spring s 92609	emester Pharmacological Therapies in Advanced Practice	6ср
	credit points from the following options:	6ср

Year 3			
Autumn s	emester		
92608	Advanced Assessment and Diagnosis		6ср
	edit points from the following options:) Electives	18cp	6ср

Spring semester

92612 Research in Health 6cp 92894 Advanced Clinical Practice 6cp

Articulation with UTS courses

While the Master of Nursing is offered as a stand-alone qualification, it is also part of an articulated program of study comprising many of the graduate certificates offered by UTS: Health, and the Graduate Diploma in Nursing (C07044) (see page 408).

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Cheryl Waters

Course coordinator

telephone +61 2 9514 5741

email Cheryl.Waters@uts.edu.au

For queries about the Nurse Practitioner major contact:

Irene Kopp

Course coordinator, Nurse Practitioner major

email Irene.Kopp@uts.edu.au

www.health.uts.edu.au

C04229v3 Master of Business in Management

Award(s): Master of Business in Management (MBus)

CRICOS code: 055272K

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Overview

The Master of Business in Management provides knowledge, skills and conceptual frameworks to enable students to identify and resolve complex issues that will characterise the working environments of senior managers in the future. Students acquire the conceptual and analytical skills necessary for successful management performance in a range of contexts, including the business, public and non-profit sectors, and a variety of professional settings.

The course provides students with knowledge and experiences to enhance their professional skills and understanding of the management of people, resources and organisational processes. An innovative, flexible structure provides students with maximum choice in selecting subjects and programs of study tailored to meet their personal and professional needs.

Course aims

The Master of Business in Management is designed to meet the needs of individuals, client organisations and professional bodies for management education.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

If the previous qualification is not in a related field, applicants require a minimum of two years' relevant work experience. Applicants with a relevant graduate certificate must have completed it with at least a credit average.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of eight subject exemptions, of which four core subjects may be approved from prior undergraduate study.

Course duration and attendance

The course may be completed in one-and-a-half years of full-time or three years of part-time study.

Course structure

The course totals 72 credit points and consists of a combination of core and elective subjects.

Course completion requirements

CBK90382 Electives choice	18cp
STM90646 Core subjects (Management)	54cp
, ,	Total 72cp

Course program

The course program is shown below.				
21717				
21779	Management Skills		6ср	
21844	Managing Work and People		6ср	
21827	Change Management		6ср	
21720	Human Resource Management		6ср	
21741	Managing Operations		6ср	
21800	Management and Organisations		6ср	
			6ср	
21811 Global Strategic Management 6cp			6ср	
Select 18 credit points from the following options: 18cp				
21854	Innovation and Entrepreneurship	6ср	-	
21722	Leadership, Coaching and Mentoring	6ср		
21008	Management Consulting	6ср		
21012	Governance and Sustainability	6ср		
77942	Legal Aspects of Contracts Administration	6ср		
CBK90387	' Electives (Law/Business)	6ср		

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Management (C11021) (see page 424), the Graduate Diploma in Management (C07018) (see page 403) and the Master of Business in Management.

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660

email business@uts.edu.au

www.business.uts.edu.au/gsb

C04231v2 Master of Arts

Award(s): Master of Arts in (name of Education major) (MA)
UAC code: 942208 (No specified major CSP) (Autumn semester), 942209
[No specified major PDFP] (Autumn semester), 942212 (No specified major distance CSP) (Autumn semester), 942213 (No specified major distance PDFP) (Autumn semester), 942216 (e-Learning CSP) (Autumn semester), 942217 (e-Learning PDFP) (Autumn semester), 942232 (Applied Linguistics CSP) (Autumn semester), 942233 (Applied Linguistics PDFP) (Autumn semester), 942234 (Applied Linguistics distance CSP) (Autumn semester), 942235 (Applied Linguistics distance PDFP) (Autumn semester), 945209 (No specified major PDFP) (Spring semester), 945235 (Applied Linguistics distance PDFP) (Spring semester), 945235 (Applied Linguistics distance PDFP) (Spring semester)

CRICOS code: 057879G

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

UTS is a leading provider of language and literacy education and e-learning courses, with academics who are published authors and internationally recognised experts in these fields. This course may be completed as a general Master of Arts degree or as a Master of Arts with a major in e-learning or applied linguistics.

The Master of Arts in e-Learning provides students with the capacity to enhance learning in their diverse workplaces through new technologies, and to discover the possibilities for innovative learning. Students study e-learning models, theories, technologies and design, with electives available in the areas of digital media, graphics, imagery and information.

The Master of Arts in Applied Linguistics is designed to enable language educators and other professionals to gain a firm theoretical grounding in applied linguistics and explore its relevance to their professional practice. The course integrates theory and practice and is an internationally recognised qualification.

The Master of Arts (no specified major) contains a core of two subjects and allows students to choose a further six subjects in an area of their choice. Students may, for example, choose to specialise in the area of training and human resource development. Students wishing to study offshore (e.g. Hong Kong) should apply for the offshore equivalent course, the Master of Arts in Training and Human Resource Development (C04249) (see page 373).

Course aims

The Master of Arts in e-Learning aims to assist students to develop an understanding of the structures, functions and dynamics of a variety of e-learning systems, both locally and internationally, and become familiar, as learners, designers and teachers, with a range of e-learning environments in different disciplines, designed for different educational purposes and with different underlying values.

The Master of Arts in Applied Linguistics aims to provide a rigorous theoretical grounding in applied linguistics relevant to the needs of language educators and other professional groups; develop students' understanding of the linguistic dimensions of cultural diversity, globalisation and social change; and develop skills in the application of linguistic theory to a range of professional practice.

The Master of Arts (no specified major) aims to provide students with opportunities to relate new knowledge and skills to their own practice. The core subjects and electives are designed to promote the notion of the reflective practitioner, i.e. educate participants to critically examine and learn from their own professional experience and that of others.

Career options

Career options are dependent on the major chosen.

Master of Arts in e-Learning: graduates work in e-learning roles in community education, corporate, community and education settings, human resource development, knowledge management, learning and development and primary, secondary or tertiary education.

Master of Arts in Applied Linguistics: graduates work in educational consultancy, management and leadership, research and teaching roles in the fields of TESOL, adult basic education or linguistics.

Master of Arts (no specified major): graduates work in a wide variety of areas, providing leadership in work-based learning in a variety of national and international contexts.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: B; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Applications

Local students

Local applicants apply through the Universities Admissions Centre.

International students

International students apply through UTS International.

Course duration and attendance

The course can be completed in one year of full-time or two years of part-time study, depending on subject choice. Subjects are offered in weekly, block or distance mode.

Attendance is dependent on students' chosen major and electives. The e-Learning major requires attendance at City campus. The Applied Linguistics major and the general Master of Arts are offered in a choice of distance or face-to-face mode. Not all electives within this course are offered by distance. Students may only complete this course by distance if they select electives which are offered by distance.

This course is available for mid-year entry for full-fee-paying students in the following areas:

- Master of Arts
- Master of Arts in Applied Linguistics
- Master of Arts in Applied Linguistics (distance).

Course structure

Students must complete a total of 48 credit points. Students completing the e-learning or applied linguistics major are required to complete specified core subjects and additional electives. Students not completing a major are required to complete two core subjects and six electives.

Course completion requirements

CBK90545 Major choice 48cp Total 48cp

Course program

Course programs are given below for each major for both full-time and part-time students. Electives must be chosen from the list presented immediately following the course programs. Not all electives run every year.

Applied Linguistics major, full time

Year 1

Autumn semester

013107	Phonology and Pronunciation	6ср
013087	Discourse Analysis	6ср
)13952	Research Perspectives	6ср
013095	Global Englisĥes	6cp

Spring semester

Spring semester			
013096	Grammar and the Construction of Meaning	6ср	
Select 18	credit points of electives	18cp	

Applied	Linguistics major, part time		013106	Mentoring in the Workplace	6ср
Year 1			013107	Phonology and Pronunciation	6cp
			013112 013113	Research Design Skill Learning and the Development of Expertise	6ср 6ср
Autumn s			013117	Theory and Practice of Literacy	6ср
013087 013952	Discourse Analysis Research Perspectives	6cp	013120	The Psychology of Adult Development	6ср
	1	6ср	013121	Theory and Practice of Teaching English to	1
Spring se				Speakers of other Languages	6ср
013096	Grammar and the Construction of Meaning	6ср	013122	Understanding Adult Education and Training	6cp
Select 6 ca	redit points of electives	6ср	013123 013125	Work and Learning Adult Education: History, Policy and Context	6cp
Year 2			013123	Communication Management	6ср 6ср
_			013128	Learning and Change in Organisations	6ср
Autumn s			013129	Effective Cognitive Learning Strategies	6ср
013095 013107	Global Englishes Phonology and Pronunciation	6cp	013130	Education for Social Change 1	6ср
		6ср	013131 013132	Education for Social Change 2	6cp
Spring se			013132	Technology Enhanced Language Learning Individual Instruction for Diverse Learners	6ср 6ср
Select 12	credit points of electives	12cp	013134	Changing Practices Research Seminar	6ср
Elective	s list, Applied Linguistics major		013135	Literary Theory and Education	6cp
013098	Independent Study Project 1	6ср	013136	Developing People and Teams	6ср
013104	Language and Power	6ср	013137	Educational Leadership	6cp
013105	Language Development	6cp	013138 013139	Teaching and Learning in Higher Education Assessing Learning	6ср 6ср
013117 013121	Theory and Practice of Literacy	6ср	013140	Simulation and Games	6ср
013121	Theory and Practice of Teaching English to Speakers of other Languages	6ср	013141	Language Programming and Assessment	6ср
013132	Technology Enhanced Language Learning	6ср	013142	Adult Learning and Program Development	6ср
013141	Language Programming and Assessment	6cp	013143	Designs for Learning Research Seminar	6ср
013159	Independent Study Project 2	6cp	013144	Learning and the Family	6cp
013951	Learning and Change	6ср	013145 013146	Culture, Difference and Curriculum Using Film for Critical Pedagogy	6ср 6ср
013983	Academic Literacies in TESOL and Applied	600	013147	Human Resources and Organisational	оср
e-Learnin	Linguistics ag major, full time	6ср	010117	Development	6ср
	-5 major/ run time		013159	Independent Study Project 2	6cp
Year 1			013160	Professional Learning and Practice	6cp
Autumn s	semester		013161 013162	Popular Education and Social Movements	6cp
013091	e-Learning Experiences 1	6ср	013162	Organisational Learning New Media and Social Change	6ср 6ср
013092	e-Learning Experiences 2	6cp	013164	Narrative and Storymaking in Education	оср
013952	Research Perspectives	6ср		and Change	6ср
Select 6 c	redit points of electives	6ср	013165	Leading Learning in the Workplace	6cp
Spring se	mester		013166 013167	Education in Policy Contexts Contemporary Work and Learning	6cp
013093	e-Learning Technologies	6ср	013168	Adult Education: Past, Present, Future	6ср 6ср
013090	e-Learning Design	6ср	57999	Digital and Multiplatform Storytelling	6cp
013951	Learning and Change	6ср	No enoe	ified major full time	-
Select 6 ca	redit points of electives	6ср		ified major, full time	
e-Learn	ing major, part time		Year 1		
Year 1				semester	_
Autumn s	comostor		013952	Research Perspectives	6ср
013091	e-Learning Experiences 1	6ср	Select 18	credit points of electives	18cp
013051	Research Perspectives	6ср	Spring s	emester	
	•	· · · · ·	013951	Learning and Change	6ср
Spring se 013951		600	Select 18	credit points of electives	18cp
013931	Learning and Change e-Learning Technologies	6ср 6ср		-	тоср
Year 2	e Zearming recursions	ocp	No spec	ified major, part time	
Autumn s	emester		Year 1		
013092	e-Learning Experiences 2	6ср	Autumn	semester	
	redit points of electives		013952	Research Perspectives	6ср
	•	6ср	Select 6 o	credit points of electives	6ср
Spring se		,	Spring s	emester	
013090	e-Learning Design	6ср	013951	Learning and Change	6ср
Select 6 ca	redit points of electives	6ср		credit points of electives	6ср
	s list, e-Learning major		Year 2		-
013087	Discourse Analysis	6ср			
013095	Global Englishes	6cp		semester	10 -
013096 013098	Grammar and the Construction of Meaning Independent Study Project 1	6ср 6ср		credit points of electives	12cp
013104	Language and Power	6ср 6ср	Spring s		
013105	Language Development	6ср	Select 12	credit points of electives	12cp

Electives list, no specified major Discourse Analysis 6ср 013090 e-Learning Design 6ср 013091 e-Learning Experiences 1 6ср 013092 e-Learning Experiences 2 6ср 013093 e-Learning Technologies 6ср 013095 Global Englishes 6ср Grammar and the Construction of Meaning 013096 6ср 013098 Independent Study Project 1 6ср 013104 Language and Power 6ср 013105 Language Development 6ср Mentoring in the Workplace 013106 6ср 013107 Phonology and Pronunciation 6ср Research Design 013112 6ср Skill Learning and the Development of Expertise 013113 6ср 013117 Theory and Practice of Literacy 6ср The Psychology of Adult Development 013120 6ср Theory and Practice of Teaching English to 013121 Speakers of other Languages 6ср Understanding Adult Education and Training 013122 6ср Work and Learning Adult Education: History, Policy and Context 013123 6ср 013125 6ср Communication Management 013127 6ср 013128 Learning and Change in Organisations 6ср 013129 Effective Cognitive Learning Strategies 6ср 6ср 013130 Education for Social Change 1 Education for Social Change 2 013131 6ср Technology Enhanced Language Learning 013132 6ср 013133 Individual Instruction for Diverse Learners 6ср Changing Practices Research Seminar Literary Theory and Education 013134 6ср 6ср 013135 Developing People and Teams Educational Leadership 013136 6ср 013137 6ср Teaching and Learning in Higher Education 013138 6ср 013139 Assessing Learning 6ср 6ср 013140 Simulation and Games Language Programming and Assessment 013141 6ср Adult Learning and Program Development 013142 6ср 013143 Designs for Learning Research Seminar 6ср 013144 Learning and the Family 6ср Culture, Difference and Curriculum 013145 6ср Using Film for Critical Pedagogy 013146 6ср Human Resources and Organisational 013147 Development 6ср 013160 Professional Learning and Practice 6ср 013161 Popular Education and Social Movements 6ср Organisational Learning 013162 6ср New Media and Social Change 6ср 013163 013164 Narrative and Storymaking in Education and Change 6ср Leading Learning in the Workplace 013165 6ср Education in Policy Contexts 013166 6ср Contemporary Work and Learning 013167 6ср Adult Education: Past, Present, Future

Other information

013168

Further information is available from UTS: Education at:

www.education.uts.edu.au

Local and current students:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Future international students:

telephone 1800 774 816 (freecall within Australia)

+61 3 9627 4816 (from outside Australia)

www.uts.internationalstudent.info/Register.aspx

C04232v3 Master of Education

Award(s): Master of Education in (name of Education major) (MEd) UAC code: 942200 (No specified CSP) (Autumn semester), 942201 (No specified PDFP) (Autumn semester), 942202 (No specified distance CSP) (Autumn semester), 942203 (No specified distance PDFP) (Autumn semester), 942204 (Adult Education CSP) (Autumn semester), 942205 (Adult Education PDFP) (Autumn semester), 942210 (Organisational and Workplace Learning CSP) (Autumn semester), 942211 (Organisational and Workplace Learning PDFP) (Autumn semester), 942214 (Popular Education and Social Change CSP) (Autumn semester), 942215 (Popular Education and Social Change PDFP) (Autumn semester), 945201 (No specified PDFP) (Spring semester), 945203 (No specified distance PDFP) (Spring semester), 945205 (Adult Education PDFP) (Spring semester), 945211 (Organisational and Workplace Learning PDFP) (Spring semester), 945215 (Popular Education and Social Change PDFP) (Spring semester) CRICOS code: 057878G

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

UTS is a leading university provider of adult, teacher and general education courses in Australia with many academics recognised as leaders in this field. This course is designed to meet the specific educational needs of those wanting to be at the forefront of learning and development in educational, vocational, organisational or community settings.

The Adult Education major introduces students to an in-depth study of adult learning practice and traditions, approaches to program planning, adult development psychology, and education policy

The Indigenous Studies major is for students wanting to be at the forefront of learning and change in Indigenous education and development.

Students who select the no specified major choose a variety of subjects to form a program of study that suits their professional development needs. Given the faculty's strengths in adult and school education, students are provided with distinct opportunities to study learning and education across many educational sectors.

The Organisational and Workplace Learning major is ideally suited for people working in learning and development units, human resource management, vocational and workplace policy, organisational learning areas and those who are responsible for leading and facilitating formal and informal learning in the workplace.

The Popular Education and Social Change major is designed to meet the specific educational needs of those wanting to be at the forefront of learning in areas of social change and social movements of various kinds. It is ideally suited for people who are working with others in campaigning, organising, advocacy and activism.

Students across all majors, select electives from a wide variety of areas $including\ educational\ leadership,\ policy,\ e-learning,\ human\ resource$ development, curriculum, communication management, assessment, program development, and many others.

Course aims

6ср

The course aims to develop a wide range of expertise, depending on the major selected. The expertise, knowledge and skills covered

- expertise in understanding, planning and managing learning
- locating one's practice in historical and contemporary contexts
- new and more advanced knowledge in designing, implementing and evaluating educational programs
- examining contemporary ideas and practices in social movements, new media and story making and social change, and
- examining contemporary ideas and practices in professional and organisational learning and changes in work.

Career options

Career options vary depending on the major selected, but include a diverse range of educational, policymaking, campaign organising and leadership roles such as community and health education, e-learning, higher education, human resource development, indigenous development, membership-based organisations, non-government, organisational learning and development, religious education, social movement and vocational education and training.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: B; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances

Applications

Students majoring in Indigenous Studies apply by direct application.

Local students

Local applicants apply through the Universities Admissions Centre.

International students

 $International\, students\, apply\, through\, UTS\, International.\, International\, apply\, through\, UTS\, International\, apply\, UTS\, In$ applicants should check the course program to determine which majors are offered in full-time mode.

Course duration and attendance

The course can be completed in one year of full-time or two years of part-time study, depending on subject choices.

The mode of delivery of electives may vary, with subjects offered in weekly, block or distance mode. Students are able to take a combination of modes. Students taking the Indigenous Studies major are able to complete their core subjects by block mode.

Note: not all electives within this course are offered by distance and / or block. Students may only complete this course by distance/block if they select electives which are offered in those modes.

Course structure

Students must complete a total of 48 credit points.

Students completing the course with a specified major are required to complete six core subjects and two electives.

Students completing the course without a specified major are required to complete two core subjects and six electives.

Course completion requirements

CBK90557 Major choice	48cp
·	Total 48cp

Course program

Course programs are given below for each major for both full-time and part-time students, for both Autumn and Spring commencement. Not all electives run every year.

Understanding Adult Education and Training

Adult Education major, Autumn commencing full time

Year 1

013122

Autumn	comoctor

013120 013952	The Psychology of Adult Development Research Perspectives	ig	6cp 6cp
	edit points from the following options: Electives major (AdEd)	12cp	6ср
Spring sen	nester		
013168 013142 013166	Adult Education: Past, Present, Future Adult Learning and Program Development Education in Policy Contexts		6cp 6cp 6cp
	edit points from the following options: Electives major (AdEd)	12cp	6ср

Adult Education major, Autumn commencing part time

Υ

Addit Edi	ucation major, Autumn commenting part time	:	
Year 1			
Autumn se 013122 013120	emester Understanding Adult Education and Training The Psychology of Adult Development	6ср 6ср	
Spring ser 013142 013168	mester Adult Learning and Program Development Adult Education: Past, Present, Future	6cp 6cp	
Year 2			
Autumn se 013952	emester Research Perspectives	6ср	
Select 6 cre	edit points of electives	6ср	
Spring ser	•	•	
013166	Education in Policy Contexts	6ср	
Select 6 cr	edit points of electives	6ср	
Adult Edu	ucation major, Spring commencing full time		
Year 1			
Spring ser 013142 013166 013168	nester Adult Learning and Program Development Education in Policy Contexts Adult Education: Past, Present, Future	6cp 6cp 6cp	
	edit points from the following options: Electives major (AdEd) 12cp	6ср	
Year 2			
Autumn se	emester		
013122 013120 013952	Understanding Adult Education and Training The Psychology of Adult Development Research Perspectives	6cp 6cp 6cp	
Select 6 cre	edit points of options	6ср	
Adult Edu	ucation major, Spring commencing part time		
Year 1			
Spring ser 013142 013166	nester Adult Learning and Program Development Education in Policy Contexts	6ср 6ср	
Year 2			
Autumn se 013120 013122	emester The Psychology of Adult Development Understanding Adult Education and Training	6cp 6cp	
Spring ser 013168	nester Adult Education: Past, Present, Future	6ср	
Select 6 cre	edit points of electives	6ср	
Year 3			
Autumn se	emester		
013952	Research Perspectives	6ср	
	edit points from the following options: Electives major (AdEd) 12cp	6ср	
Indigenous Studies major, Autumn commencing full time			
Year 1			
Autumn se	emester		
013952 013130	Research Perspectives Education for Social Change 1	6ср 6ср	

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.cu			
Autumn se	emester		
013952	Research Perspectives		6ср
013130	Education for Social Change 1		6ср
010040	Program Development and Evaluation in		
	Indigenous Education and Development		6ср
Select 6 cre	edit points from the following options:		6ср
CBK90590	Options	12cp	
Spring ser	nester		
013951	Learning and Change		6ср
013131	Education for Social Change 2		6cp
010041	Research, Ethics and Indigenous Cultural		1
	Heritage		6ср

6ср

12cp

CBK90590 Options

Select 6 credit points from the following options:

Indigenous Studies major, Autumn commencing p	art time	Spring semester	
Year 1			6ср 6ср
Autumn semester		Year 2	оср
013952 Research Perspectives 013130 Education for Social Change 1	6ср 6ср	Autumn semester	
Spring semester			6cp
013131 Education for Social Change 2 013951 Learning and Change	6ср 6ср	Spring semester	
Year 2		<u> </u>	6cp
Autumn semester			6ср
010040 Program Development and Evaluation in Indigenous Education and Development	6ср	Organisational and Workplace Learning major, Spring commencing full time	
Select 6 credit points from the following options: CBK90590 Options 12	6ср 2ср	Year 1	
Spring semester	2cp	Spring semester	
010041 Research, Ethics and Indigenous Cultural			6cp
Heritage	6ср		6ср 6ср
Select 6 credit points from the following options: CBK90590 Options 12	6ср 2ср	Select 6 credit points from the following options: CBK90708 Electives major (OrgWrkplLrn) 12cp	6ср
Indigenous Studies major, Spring commencing pa	rt time	Year 2	
Year 1		Autumn semester	
Spring semester 010041 Research, Ethics and Indigenous Cultural Heritage	6ср	013162 Organisational Learning	6ср 6ср 6ср
013951 Learning and Change Year 2	6cp	Select 6 credit points from the following options: CBK90708 Electives major (OrgWrkplLrn) 12cp	6ср
Autumn semester		Organisational and Workplace Learning major, Spring	
013130 Education for Social Change 1	6ср	commencing part time	
013952 Research Perspectives	6ср	Year 1	
Spring semester 013131 Education for Social Change 2	6an	Spring semester	
Select 6 credit points from the following options:	6cp 6cp		6ср 6ср
•	2ср	Year 2	
Year 3		Autumn semester	
Autumn semester 010040 Program Development and Evaluation in		_	6ср
Indigenous Education and Development Select 6 credit points from the following options:	6ср 6ср	CBK90708 Electives major (OrgWrkplLrn) 12cp	6ср
CBK90590 Options 12	2ср	Spring semester 013160 Professional Learning and Practice	6ср
Organisational and Workplace Learning major, Au commencing full time	itumn	Select 6 credit points from the following options: CBK90708 Electives major (OrgWrkplLrn) 12cp	6ср
Year 1		Year 3	
Autumn semester		Autumn semester	
013122 Understanding Adult Education and Training 013162 Organisational Learning	6cp		6ср 6ср
013952 Research Perspectives Select 6 credit points from the following options:	6cp 6cp	Popular Education and Social Change major, Autumn commencing full time	
, , ,	2ср	Year 1	
Spring semester 013142 Adult Learning and Program Development	6ср	Autumn semester	
013160 Professional Learning and Practice	6cp		6ср
013167 Contemporary Work and Learning	6cp	013952 Research Perspectives	6cp
Select 6 credit points from the following options: CBK90708 Electives major (OrgWrkplLrn) 12	6ср 2ср	013161 Popular Education and Social Movements	6ср 6ср
Organisational and Workplace Learning major, Au	ıtumn	Spring semester 013142 Adult Learning and Program Development	6ср
commencing part time		013164 Narrative and Storymaking in Education	
Year 1			6ср 12ср
Autumn semester 013122 Understanding Adult Education and Training	6ср	CBK90707 Electives major (PopEdSocChange) 12cp	-cp
Select 6 credit points from the following options:	6ср		
	2cp		

Popular Education and Social Change major, Autumn		No specified major, Autumn commencing part time
commencing part time		Year 1
Year 1		Autumn semester
Autumn semester		013952 Research Perspectives 6cp
013122 Understanding Adult Education and Training 013952 Research Perspectives	6ср 6ср	Select 6 credit points from the following options: 6cp CBK90559 Options 36cp
Spring semester		Spring semester
013142 Adult Learning and Program Development 013164 Narrative and Storymaking in Education	6ср	013951 Learning and Change 6cp
and Change	6ср	Select 6 credit points from the following options: 6cp CBK90559 Options 36cp
Year 2		Year 2
Autumn semester	(Autumn semester
013163 New Media and Social Change 013161 Popular Education and Social Movements	6ср 6ср	Select 12 credit points from the following options: 12cp CBK90559 Options 36cp
Spring semester		
Select 12 credit points from the following options: CBK90707 Electives major (PopEdSocChange) 12cp	12cp	Select 12 credit points from the following options: 12cp
Popular Education and Social Change major, Spring commencing full time		CBK90559 Options 36cp No specified major, Spring commencing full time
Year 1		Year 1
Spring semester 013142 Adult Learning and Program Development	6ср	Spring semester 013951 Learning and Change 6cp
013164 Narrative and Storymaking in Education	оср	Select 18 credit points from the following options: 18cp
and Change Select 12 credit points from the following options:	6ср 12ср	CBK90559 Options 36cp
CBK90707 Electives major (PopEdSocChange) 12cp	-1	Year 2
Year 2		Autumn semester
Autumn semester		013952 Research Perspectives 6cp
013163 New Media and Social Change 013161 Popular Education and Social Movements	6ср 6ср	Select 18 credit points from the following options: 18cp CBK90559 Options 36cp
013122 Understanding Adult Education and Training 013952 Research Perspectives	6cp	No specified major, Spring commencing part time
1	6ср	Year 1
Popular Education and Social Change major, Spring commencing part time		Spring semester 013951 Learning and Change 6cp
Year 1		Select 6 credit points from the following options: 6cp
Spring semester		CBK90559 Options 36cp
013142 Adult Learning and Program Development	6ср	Year 2
013164 Narrative and Storymaking in Education and Change	6ср	Autumn semester 013952 Research Perspectives 6cp
Year 2		Select 6 credit points from the following options: 6cp
Autumn semester		CBK90559 Options 36cp
013163 New Media and Social Change 013161 Popular Education and Social Movements	6ср 6ср	Spring semester
Spring semester	10	Select 12 credit points from the following options: 12cp CBK90559 Options 36cp
Select 12 credit points from the following options: CBK90707 Electives major (PopEdSocChange) 12cp	12cp	Year 3
Year 3		Autumn semester
Autumn semester		Select 12 credit points from the following options: 12cp
013122 Understanding Adult Education and Training 013952 Research Perspectives	6ср 6ср	CBK90559 Options 36cp
1	оср	Other information
No specified major, Autumn commencing full time		Further information is available from UTS: Education at:
Year 1		www.education.uts.edu.au
Autumn semester		Local and current students:
013952 Research Perspectives	6ср	telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222
Select 18 credit points from the following options:	18cp	Ask UTS www.ask.uts.edu.au
CBK90559 Options 36cp		Future international students:
Spring semester 013951 Learning and Change	6cp	telephone 1800 774 816 (freecall within Australia)
0 0	6cp	+61 3 9627 4816 (from outside Australia)
Select 18 credit points of options	18cp	www.uts.internationalstudent.info/Register.aspx

C04235v2 Master of Architecture

Award(s): Master of Architecture (MArch)

UAC code: 942110 (PDFP) (Autumn semester), 942120 (CSP) (Autumn

semesterl

CRICOS code: 061397B

Commonwealth-supported place?: Yes

Load credit points: 96 Course EFTSL: 2 Location: City campus

Overview

The Master of Architecture is a focused, professional degree and is required to become a practising architect. It is the second of two degrees, undertaken after the successful completion of the Bachelor of Design in Architecture (C10004) (see page 125) or equivalent.

This course is an innovative and flexible professional degree. Through a non-sequential structure, which allows students to select from a range of core and elective subjects, it gives students choice regarding their professional specialisation that can best serve them in their future careers. Architectural design subjects enhance a critical understanding of architecture as both a discipline with an existing body of knowledge and a set of practices that continuously challenge and add to that body of knowledge. Research is undertaken as a preliminary to design decision-making, during design and in reflection on design development. Architectural practice subjects prepare students for expanded practice in emerging media and markets, contemporary business practice and global economies and within challenging social, environmental, political and regulatory contexts. Students who complete a Master of Architecture and subsequent practical experience are eligible to become registered architects.

Course aims

The course aims to produce graduates who are able to:

- work collaboratively in local and international architectural practices of differing scale, structure and operation
- be strategic and enterprising practice leaders
- critically analyse, evaluate, question and engage in informed argument
- communicate ideas effectively
- extend knowledge and understanding through research skills and to transfer this creatively through the design process
- put forward accurate and persuasive architectural proposals, and
- apply ethical, environmental, cultural, aesthetic and technological considerations in architectural practice.

Career options

Career options include architect, designer or urban designer.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

From 2016, applicants with a UTS recognised bachelor's degree must have either: (i) completed it with a WAM of 65 or above, or (ii) completed it with a WAM below 64.99 and have submitted evidence of potential to pursue graduate studies. Applicants relying primarily on a UTS recognised bachelor's degree with a WAM below 60 will not be eligible for admission to the Master of Architecture.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Applications

Students applying from other institutions, or UTS Bachelor of Design in Architecture graduates not proceeding directly to this course, must apply through UAC. Students from other institutions must also submit a portfolio of their architectural projects from previous studies.

Course duration and attendance

The course is offered on a two-year, full-time or part-time equivalent basis.

Course structure

This course comprises 96 credit points, made up of 24 credit points of core architectural practice subjects, 48 credit points of architectural design subjects and 24 credit points of electives.

Course completion requirements

CBK90795 Electives	•	24cp
STM90794 Core subjects		72cp
		Total 96cp

Full time, Autumn commencing

Year 1

Autumn semester

11501	Architectural Practice: Advocacy		ьср
11551	Masters Architectural Design Studio 1		12cp
Select 6 cro CBK90795	edit points from the following options: Electives	24cp	6ср

Spring semester

11502	Architectural Practice: Finance and Project		
	Management		6ср
11552	Masters Architectural Design Studio 2		12cp
Select 6 cr CBK90795	edit points from the following options: Electives	24cp	6ср

Year 2

Autumn semester

11503 11553	Architectural Practice: The Profession Masters Architectural Design Studio 3		6ср 12ср
Select 6 cre CBK90795	edit points from the following options: Electives	24cp	6ср
Spring ser	nester		
11504	Architectural Practice: The City		6ср
Select one 11554 11555		12cp 12cp	12cp
Select 6 cre CBK90795	edit points from the following options: Electives	24cp	6ср

Professional recognition

The Master of Architecture is a qualification accepted for candidates seeking to take the professional examination of the NSW Architects Registration Board and Royal Australian Institute of Architects (RAIA), as a prerequisite for registration under the provision of the Architects Act administered by the NSW Architects Registration Board, and to professional membership of the institute.

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au www.dab.uts.edu.au

C04236v2 Juris Doctor

Award(s): Juris Doctor (JD)

UAC code: 941422 (Summer session), 942422 (FT) (Autumn semester), 942423 (PT) (Autumn semester), 945422 (FT) (Spring semester), 945423

(PT) (Spring semester) CRICOS code: 0609320

Commonwealth-supported place?: No

Load credit points: 144 Course EFTSL: 3 Location: City campus

Note(s)

Students admitted to the Juris Doctor before Summer session 2012 should refer to the course entry in the Spring 2011 handbook.

The Juris Doctor (JD) is a graduate law degree that builds on the established reputation of UTS: Law to provide high-calibre, graduatelevel education in the theory and practice of the law. It is specifically designed for graduates of disciplines other than law. The Juris Doctor qualifies as an Australian Qualifications Framework level 9 master's degree. The flexible nature of the JD allows students to work while they study and to tailor their workload to suit professional and personal commitments.

The JD offers an alternative pathway to practise as a lawyer for graduates who have successfully completed a first degree. In a globalised environment, the JD is internationally recognised as a graduate-level law qualification. UTS: Law integrates flexible learning options, including day and night classes, block intensive classes and online learning.

Career options

Career options include, but are not limited to, lawyer within a private firm, government department or community law centre, regulatory affairs and policy adviser in the public or private sector or legal specialisation related to students' previous degree or enhanced career options within an existing professional sphere.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

For this course the equivalent qualification required is a bachelor's degree in a discipline other than law or a law qualification from an overseas jurisdiction. Admission is at the discretion of the associate dean (teaching and learning).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Bachelor of Laws or combined Bachelor of Laws (or equivalent) students who transfer to the Juris Doctor can receive credit for no more than half of the subjects within the Juris Doctor based on subjects completed within their undergraduate law studies. This equates to a maximum of 72 credit points.

Course duration and attendance

The standard course can be completed in three years of full-time or five years of part-time study. There are three intakes a year (in Summer, Autumn and Spring).

Students who commence in Summer session complete the introductory core law subject 70120 Legal Method and Research before the start of Autumn semester, thereby accelerating their progression and completing an essential introductory area of law before the commencement of their remaining academic program. Students may continue to accelerate their progression by undertaking up to 12 credit points in each Summer session.

Course structure

The course comprises a total of 144 credit points. The study components for course completion are as follows:

- 102 credit points of compulsory core law subjects (14 subjects),
- 42 credit points of law options.

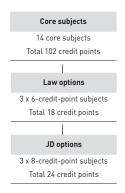
Industrial training/professional practice

To practise as a lawyer in NSW, students need to successfully complete an accredited legal qualification and an accredited course of practical legal training (PLT), which UTS offers through its PLT program.

Course completion requirements

STM90688 Core subjects	102ср
CBK90592 Options	18cp
CBK90858 Options (JD)	24cp
•	Total 144cp

Course diagram



Course program

Students in the standard full-time program enrol in between 24 and 26 credit points in Autumn and Spring semesters. The introductory core law subject, 70120 Legal Method and Research, and select core subjects may also be timetabled in Summer session.

Summer session is particularly suitable for students with work or personal commitments. Such students may choose to enrol in one less subject in each of Autumn and Spring semester and make it up by enrolling in up to two subjects (12 credit points) in Summer session.

Optional subjects are regularly timetabled but not all options are offered in any one semester. Optional subjects are timetabled subject to sufficient student interest.

http://timetable.uts.edu.au

Perspectives on Law

The standard full-time and part-time programs for students first enrolling in the Juris Doctor at UTS in 2012 are shown below.

Full time

Year 1

70115

Autumn semester

70120	Legal Method and Research Contracts	6ср 8ср
Spring s	semester	
70218	Criminal Law	8cp
70311	Torts	8cp
70317	Real Property	8cp

8ср

Year 2

Autumn	semester		
70616	Australian Constitutional Law		8ср
70517	Equity and Trusts		8cp
70417	Corporate Law		8cp
	redit points from the following options: 2 Options	18cp	6ср

Spring ser	nester		
70327	Commercial Law		6ср
70617 70717	Administrative Law Evidence and Criminal Procedure		8cp
			6ср
CBK90592	edit points from the following options: Options	18cp	6ср
Year 3			
Autumn se	emester		
75420 75421	Ethics and Professional Conduct Civil Litigation		6ср 6ср
Select 6 cre CBK90592	edit points from the following options: Options	18ср	6ср
Spring ser	nester	-	
Select 24 c	redit points from the following options: Options (JD)	24ср	24cp
Part time			
Year 1			
Autumn se	emester		
70115	Perspectives on Law		8ср
70120	Legal Method and Research		6ср
Spring ser	nester		
70218	Criminal Law		8cp
70311	Torts		8ср
Year 2			
Autumn se	emester		
70211	Contracts		8cp
70616	Australian Constitutional Law		8cp
Spring ser			
70317 70327	Real Property Commercial Law		8cp
	Commercial Law		6ср
Year 3			
Autumn se			
70517 70417	Equity and Trusts Corporate Law		8ср 8ср
	•		оср
Spring ser 70617	Administrative Law		8ср
70717	Evidence and Criminal Procedure		6ср
Year 4			_
Autumn se	amester		
	redit points from the following options:		12ср
CBK90592		18cp	12ср
Spring ser	nester		
75420	Ethics and Professional Conduct		6ср
75421	Civil Litigation		6ср
Select 6 cre CBK90592	edit points from the following options: Options	18cp	6ср
Year 5			
Autumn se	emester		
Select 8 credit points from the following options: 8cp			8ср
CBK90858	Options (JD)	24cp	-
Spring ser			
	redit points from the following options:	24	16cp
CBK90858	Options (JD)	24cp	

Levels of award

The Juris Doctor may be awarded with honours. An additional year of study is not required. To qualify for honours, a student must complete 78102 LLM Project by Research within CBK90858 Options (JD). The rules governing the Juris Doctor with honours (current and pre-2012) can be found in postgraduate course information (see page 99). See coursework research on the UTS: Law website for information on how to apply to enrol.

Articulation with UTS courses

Students who successfully complete the Juris Doctor at UTS and have completed 6 credit point Master of Laws (C04143) (see page 328) equivalent subjects within the Juris Doctor, may apply for these subjects to be credited towards the Master of Laws (C04143) (see page 328) or Doctor of Juridical Science (C02027) (see page 474), up to a maximum of 18 credit points. Such students have this credit applied towards, and must complete, the Options (CBK90419) choice block.

Transfer between UTS courses

Subjects undertaken within the Juris Doctor are recognised within the Master of Legal Studies (C04147) (see page 330) and the Graduate Diploma in Legal Studies (C07074) (see page 412). Students enrolled in the Juris Doctor may apply to internally transfer to the master's or graduate diploma. Candidates are not awarded the Juris Doctor but subjects undertaken are applied towards the master's or graduate diploma.

Professional recognition

This course satisfies the requirements for admission as a lawyer to the Supreme Court of NSW, provided students undertake a PLT program, such as the Graduate Certificate in Professional Legal Practice (C11232) (see page 467).

Other information

Further information for future students is available from:

telephone +61 2 9514 3660

email law@uts.edu.au

Further information for current students is available from:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C04237v2 Master of Professional Accounting Extended

Award(s): Master of Professional Accounting (MProfAcc)

CRICOS code: 061286J

Commonwealth-supported place?: No

Load credit points: 96 Course EFTSL: 2 Location: City campus

Overview

The Master of Professional Accounting Extended is designed to provide non-accounting graduates with the necessary skills and knowledge required for a career in professional accounting. The completion of the course satisfies the academic requirements for entry to the professional programs of CPA Australia and the Institute of Chartered Accountants in Australia (ICAA).

The Master of Professional Accounting Extended provides the ideal academic foundation to pursue a career in accounting. The course provides the necessary knowledge, understanding and expertise necessary for employment in the accounting profession. Further, the professional recognition of the course by CPA Australia and ICAA provides students with internationally recognised qualifications that enhance both their employment and promotion opportunities.

Course aims

The course aims to provide local and international graduates with the requisite knowledge in accounting and the role accounting plays in providing information products supporting all areas of business activity. In addition to providing a professionally recognised qualification, the course comprises a mix of accounting, finance, legal, communication and economics subjects that collectively provide a range of essential business skills and knowledge that are necessary for employment in today's dynamic business environment.

Career options

Career options include management-level positions in industry or government, as well as not-for-profit organisations. With the CPA and ICAA qualification being recognised internationally, the prospect for overseas employment is also enhanced.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants with a relevant graduate certificate must have completed it with at least a credit average.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of eight subject exemptions based on credit recognition, of which four core subjects may be approved from prior undergraduate study.

Course duration and attendance

The course may be completed in two years of full-time or four years of part-time study.

Classes are offered over three teaching periods each year (namely Autumn and Spring semesters, and Summer session). Not all subjects are available in Summer session.

In most cases, subjects are offered on the basis of one three-hour lecture per week, over a 13-week period, however, certain subjects may be delivered in intensive mode and be completed over a shorter time period.

Course structure

The Master of Professional Accounting Extended comprises 96 credit points, made up of 13 core subjects (totalling 78 credit points), plus three elective subjects (totalling 18 credit points).

Course completion requirements

STM90696 Core subjects	78cp
CBK90807 Electives	18cp
	Total 96cp

Course program

The course program is shown below.

Autumn s	emester	
22747 25742 79708	Accounting for Managerial Decisions Financial Management Contemporary Business Law	6ср 6ср 6ср
21878	Organisational Dialogue: Theory and Practice	6ср
Spring se	mester	
23706	Economics for Management	6ср
22748	Financial Reporting and Analysis	6cp
22753	Cost Management and Analysis	6ср
Select 6 cr	redit points of electives	6ср
Year 2		
Autumn s	emester	
22705	Management Planning and Control	6ср
22754	Corporate Accounting	6ср
77947	Companies and Securities Law	6ср
Select 6 cr	redit points of electives	6ср
Spring se	mester	
22730	Auditing and Assurance Services	6ср
22743	Business Valuation and Financial Analysis	6ср
77938	Introduction to Taxation Law	6ср
Select 6 cr	redit points of electives	6ср

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Professional Accounting (C11206) (see page 456), the Master of Professional Accounting (C04238) (see page 356) and the Master of Professional Accounting Extended.

Professional recognition

CPA Australia; Institute of Chartered Accountants Australia; Institute of Public Accountants (IPA)

Other information

Further information is available from UTS: Business on: telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg

C04238v3 Master of Professional Accounting

Award(s): Master of Professional Accounting (MProfAcc) CRICOS code: 061285K

Commonwealth-supported place?: No Load credit points: 72

Course EFTSL: 1.5 Location: City campus

Overview

The Master of Professional Accounting is designed to provide graduates with little or no accounting exposure with the necessary skills and knowledge required for a career in professional accounting. The course satisfies the academic requirements for entry to the professional programs of CPA Australia and the Institute of Chartered Accountants in Australia (ICAA).

This course provides the ideal academic foundation to pursue a career in accounting, with the subjects providing the necessary knowledge, understanding and expertise necessary for employment in the accounting profession. Further, the professional recognition of the course by CPA Australia and ICAA provides students with internationally recognised qualifications that enhance both their employment and promotion opportunities.

Course aims

The course aims to provide local and international graduates with the requisite knowledge in accounting and the role accounting plays in providing information to support business activities. In addition to providing a professionally recognised qualification, the course comprises a mix of accounting, finance, legal and economics subjects which collectively provide a range of essential business skills and knowledge that are necessary for employment in today's dynamic business environment.

Career options

Career options include management-level positions in industry or government, as well as not-for-profit organisations. With the CPA Australia and ICAA qualification being recognised internationally, the prospect for overseas employment is also enhanced.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants with a relevant graduate certificate must have completed it with at least a credit average.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of eight subject exemptions based on credit recognition, of which four core subjects may be approved from prior undergraduate study.

Course duration and attendance

The course may be completed in one-and-a-half years of full-time or three years of part-time study.

Classes are offered over three teaching periods each year (namely Autumn and Spring semesters, and Summer session). Not all subjects are available in Summer session.

In most cases, subjects are offered on the basis of one three-hour lecture per week, over a 13-week period, however, certain subjects may be delivered in intensive mode and be completed over a shorter time period.

Course structure

The course totals 72 credit points, made up of 12 core subjects.

Course completion requirements

22747	Accounting for Managerial Decisions	6ср
25742	Financial Management	6ср
79708	Contemporary Business Law	6ср
23706	Economics for Management	6ср
22748	Financial Reporting and Analysis	6ср
22705	Management Planning and Control	6ср
22753	Cost Management and Analysis	6ср
22754	Corporate Accounting	6ср
77947	Companies and Securities Law	6ср
22730	Auditing and Assurance Services	6ср
22743	Business Valuation and Financial Analysis	6ср
77938	Introduction to Taxation Law	6ср
		Total 72cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Professional Accounting (C11206) (see page 456), the Master of Professional Accounting, and the Master of Professional Accounting Extended (C04237) (see page 355).

Professional recognition

CPA Australia; Institute of Chartered Accountants Australia; Institute of Public Accountants (IPA)

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660 email business@uts.edu.au

www.business.uts.edu.au/pg

C04239v2 Master of Management

Award(s): Master of Management in (name of Management major)

CRICOS code: 064653M (three semesters) Commonwealth-supported place?: Yes

Load credit points: 72 Course EFTSL: 1.5

Location: City and Kuring-gai campuses

Note(s)

The Community and Not-for-Profit Management stream is only available to students as a commonwealth-supported place.

Overview

This course provides students with an opportunity to develop skills and knowledge leading to a career in the ever-expanding experience economy and its key sectors. The core of the Master of Management has been designed to provide a business underpinning to a series of industry sector-focused majors in arts, events, sport and tourism. In practical terms the course recognises and embraces the general notion that professionals in this new economy need to understand and plan for the experience rendered to their clients. The majors allow

students to specialise and to develop a depth of understanding of management issues, challenges and approaches within a particular sector of the experience economy. The Community and Not-for-Profit Management stream develops critical and analytical skills for people working in non-profit and community organisations. Students have the opportunity to apply research skills to a project focusing on a specific aspect of community and not-for-profit management.

The Master of Management and its four industry-focused majors provide a unique suite of offerings at the postgraduate level. Sydney is the largest tourist gateway in Australia (accounting for more than two-thirds of international tourists), a major sporting hub, the home of Australia's hallmark arts companies and an international events destination. UTS is consequently in a unique position to capitalise and position itself within the growing experience economy with this course and its associated majors.

The course provides a combination of intellectual rigour with the development of a range of significant general management skills. Coupled with these is a strong practical orientation to the specialist industry sectors associated with the course's majors which provides students with opportunities to gain exposure to and experience within their specialist industry sector.

The graduate student body in the school is culturally diverse. Both domestic and international students come from a range of cultural and ethnic backgrounds. Class engagement and participation recognises and embraces this diversity. A number of the school's staff have experience in international teaching in China, Malaysia, Cambodia, Thailand, Singapore, the United Kingdom and Europe, and are thus able to bring a global perspective to the international environment in which they engage.

The well-developed industry focus of the course, the strong connections to the Sydney market, the opportunities for professional engagement and a global outlook in classroom interactions are all significant markers of this program.

The Community and Not-for-Profit Management stream provides an opportunity to study at a professional level those factors contributing to the effective management of non-profit organisations. Students develop an understanding of this 'third sector' and its social and economic context, and are introduced to ways of thinking systematically about non-profit organisations and their management. Students also gain knowledge of the range of non-profit organisations, their structure and distinguishing features.

Course aims

The aim of the course is to prepare forward-thinking, work-ready graduates with the business, management and interpersonal skills to function effectively as professionals within their selected industry sector of the arts, events, tourism, sport or community and not-for-profit organisations.

Career options

The course provides for a wide range of career opportunities within each of the four industry sectors linked to its specialist majors.

In Arts Management, graduates may pursue careers in such fields as:

- cultural policy
- · marketing performing arts
- cultural venue management
- arts and cultural development management
- gallery and museum management
- dance, theatre and popular music.

 $In \, Event \, Management, graduates \, may \, pursue \, careers \, in \, such \, fields \, as: \,$

- event planning and development
- conference management
- event marketing
- exhibition management
- · corporate event management
- · festival and special event management
- place management.

In Sport Management, graduates may pursue careers in such fields as:

- sport marketing
- sport event management
- venue and facility management
- sports development
- sports administration
- · operations management.

In Tourism Management, graduates may pursue careers in such fields as:

- tourist attraction management
- · tour wholesaling and operations
- tourism marketing
- tourism research
- · tourism planning and development
- hotel development, marketing and management
- airline and transportation management
- ecotourism operations and management.

In Community and Not-for-Profit Management, career options include managing non-government or non-profit organisations, working in the field of corporate social responsibility, or in government particularly in roles that work with community or not-for-profit organisations such as:

- · social and community welfare
- environment advocacy
- arts and culture
- fundraising
- education
- international aid and development
- professional associations and unions.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants with a relevant graduate certificate must have completed it with at least a credit average.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of eight subject exemptions, of which four compulsory subjects may be approved from prior undergraduate study. Compulsory subjects, in this context, include core subjects plus the required subjects to complete a specific major.

Course duration and attendance

The course duration is one-and-a-half years, full time (Autumn semester); two years, full time (Spring semester); or three years, part time.

The Community and Not-for-Profit Management stream is taught in flexible mode, including three intensive workshops of five days each, self-managed learning packages and learning partnerships to develop peer-supported networks.

Course structure

The course comprises 72 credit points, made up of five core subjects (30 credit points) and seven elective subjects (42 credit points) comprising a major in either tourism, arts, sports or event management. Within each major there are five compulsory subjects that must be completed for a student to be credited with that major. The remaining two elective subjects may be selected from subjects offered in other majors, or students may elect to do an industry-based research project or professional internship placement.

The Community and Not-for-Profit Management stream comprises 72 credit points of study, made up of eight core subjects (48 credit points) and four elective subjects (24 credit points).

Course completion requirements

Select 72 credit points from the following options:	72cp
STM90774 Standard options (Management)	72cp
STM90776 Community and Not-for-Profit	•
Management	72cp
	Total 72cp

Course program

Example course programs for each major are provided below.

Arts Management

Autumn comector

Year 1

Autumin Semester		
27753	Arts and Cultural Industries	6ср
27755	Arts Organisations and Management	6ср
21751	Management Research Methods	6ср
22747	Accounting for Managerial Decisions	6ср
. .		

Spring semester

27763	Arts and Cultural Policy	6ср
27734	Marketing for the Experience Industries	6ср
27778	Innovative Services Management	6ср
27717	Venue and Facility Management	6ср

Year 2

Autumn semester

27729	Legal Issues for the Experience and Not-for-Profit	
	Industries	6ср
27733	The Experience Economy	6ср
Select 12 o	redit points of electives	12cp

Event Management

Year 1

Autumn semester

Carina	ana actor	
22747	Accounting for Managerial Decisions	6ср
27707	Applied Research Methods	6ср
27765	Event Management	6ср
27727	Event Creation Workshop	6ср

opining o	emester	
27726	Event Concepts and Contexts	6ср
27737	Event Risk Management	6ср
27717	Venue and Facility Management	6ср
27734	Marketing for the Experience Industries	6cp
_,,,,,	mariteding for the Experience matastres	

Year 2

Autumn semester

27733	The Experience Economy	6ср
27729	Legal Issues for the Experience and Not-for-Profit	-
	Industries	6ср
Select 12 c	redit points of electives	12cp

Sports Management

Year 1

Autumn semester

27732	Sport Organisations	6cp
27715	Sport Business	6cp
27707	Applied Research Methods	6cp
22747	Accounting for Managerial Decisions	6cp
Springs	semester	

Spring semester

27717	Venue and Facility Management	6ср
27734	Marketing for the Experience Industries	6ср
27721	Sport Globalisation	6ср
27778	Innovative Services Management	6ср

Year 2

Autumn semester

27733 27729	The Experience Economy	6ср
27729	Legal Issues for the Experience and Not-for-Profit Industries	6ср
Select 12 credit points of electives		12cp

Tourism Management

Year 1

Autumn se	emester	
27735	Tourism and the Industry	6ср
27767	Tourist Behaviour	6cp
27707	Applied Research Methods	6ср
22747	Accounting for Managerial Decisions	6ср
Spring semester		
27706	Managing Tourism Services	6ср
27734	Marketing for the Experience Industries	6cp
27700	Sustainable Tourism Management	6cp
27778	Innovative Services Management	6ср
V 0		

Year 2

Autumn se	emester	
27733	The Experience Economy	6ср
27729	Legal Issues for the Experience and Not-for-Profit	_
	Industries	6ср
Select 12 credit points of electives		12cp

Community and Not-for-Profit Management

Year 1

Autumn semester			
21766	Managing Community Organisations	6ср	
21778	Resource Mobilisation	6ср	
22747	Accounting for Managerial Decisions	6ср	
21751	Management Research Methods	6cp	
Spring semester			
21767	Not-for-Profit Sector Theory and Context	6ср	
21817	Volunteer Management	6cp	
Select 12 credit points of electives		12cp	
Vear 2			

Year 2

Autumn semester

	Autuminisemester			
	21879	79 Corporate Social Responsibility and Social		
		Impact	6ср	
	27729	Legal Issues for the Experience and Not-for-Profit		
		Industries	6ср	
Select 12 credit points of electives				

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Event Management (C11038) (see page 427), the Graduate Diploma in Event Management (C06017) (see page 387), the Graduate Certificate in Tourism Management (C11035) (see page 426), the Graduate Diploma in Tourism Management (C07027) (see page 405), the Graduate Certificate in Arts Management (C11033) (see page 426), the Graduate Diploma in Arts Management (C07028) (see page 406), the Graduate Certificate in Sport Management (C11037) (see page 427), the Graduate Diploma in Sport Management (C07029) (see page 406), the Graduate Diploma in Community and Not-for-Profit Management (C07019) (see page 404), the Graduate Certificate in Community and Not-for-Profit Management (C11024) (see page 425), and the Master of Management.

Professional recognition

The Community and Not-for-Profit Management stream is accredited by the Nonprofit Academic Centers Council (NACC).

Other information

Further information is available from UTS: Business on: telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/gsb

C04240v1 Master of Advanced Architecture

Award(s): Master of Advanced Architecture in (name of specialisation)

(MAdvArch)

UAC code: 942114 (Autumn semester)

CRICOS code: 065866A

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Overview

The Master of Advanced Architecture is a post-professional coursework degree leading to either one of two qualifications: the Master of Advanced Architecture in Urban Design or the Master of Advanced Architecture in Design Technologies.

The Design Technologies specialisation focuses on computationally driven architectural design and its expansion into digital manufacturing, prototyping, and materials technologies, as well as the realisation of responsive environments. This degree is an evolution of UTS's Master of Digital Architecture.

The Urban Design specialisation addresses the intersecting challenges of social and political change, environmental degradation and globalisation through the design of the urban fabric, including infrastructure, buildings and open spaces.

Project-based learning is a core focus of the course with projects adapted from practice situations as vehicles for advancing the professional practice of architecture and urban design. Relevant and challenging projects faced by industry are tested as vehicles in an academic setting.

The course has a strong element of internationalisation through the inclusion of intensive master classes and a global field studio that sees key international urban designers, architects and theorists teach into the course each year.

The Master of Advanced Architecture combines subjects in research and theory, with the development of advanced design and technical skills. The two qualifications share an emphasis on project-based coursework through which students learn to apply digital techniques to spatial research and design at the scale of the city or the architectural project.

Subjects include spatial research, demonstration projects oriented towards industry and competition subjects ensure strong integration between urbanism, architecture and new technologies at the cutting edge of design. This provides a breadth of exposure and responsibility unique in Australian architectural education.

Course aims

The Master of Advanced Architecture in Design Technologies equips architecture professionals with the research and design skills to effectively develop and lead the architecture profession locally and internationally in the emerging disciplinary field of architecture, computation and digital manufacturing. Its content is based on the close relationship between new technologies for architectural design related to analysis, synthesis, prototyping, implementation and management of our built environment and the challenges of producing socially and environmentally sustainable buildings and cities in complex political, economic and social conditions. Accordingly the course balances theory with practice, ethics and development, creative speculation and applied research. Through project-based research studios, students explore new design technologies and their capacity for design production and analysis integrating material and spatial informatics towards advanced experimental design research.

The Master of Advanced Architecture in Urban Design trains students to shape the physical environment of the city through ideas, plans and policies. Rather than apply existing solutions for a city, the course encourages students to re-frame the challenges of the urban environment, to become a central participant in the larger political context and to implement advanced architectural design in cities. New methods for mapping and experiencing cities are used to develop urban design responses that take into account existing knowledge and develop alternative futures.

Career options

Career options are focused on leading design and technical innovation roles in architecture and urban design.

Graduates in the Design Technologies specialisation can also take roles in manufacturing and RP modelling, systems and strategic design and analysis, architectural animation and visualisation.

Career options for graduates with the Urban Design specialisation include positions in urban design, urban strategy and policy and architectural design.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants require a five-year full-time or equivalent professional entry degree from an accredited program in architecture or a four-year full-time or equivalent degree from an accredited program in landscape architecture.

Alternatively applications can demonstrate an equivalency through a portfolio and relevant experience in an allied design profession.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Applications

All applicants must submit a portfolio of work demonstrating their design skills for examination in addition to a statement of interest in the course.

Course duration and attendance

The course is offered on a one-year, full-time or two-year, part-time basis.

There is also the possibility of international field trips.

Course structure

The course comprises 24 credit points of classes in Autumn semester (over 14 weeks), a 12-credit-point studio in July session (over four weeks), 24 credit points of classes in Spring semester (over 14 weeks), and a 12-credit-point demonstration project in Summer session (over eight weeks).

Course completion requirements

11520	Spatial Research	6ср
11525	Demonstration Project	12cp
CBK90623	Advanced Architecture	12cp
CBK90624	Advanced Architecture Studio	42cp
		Total 72cp

Transfer between UTS courses

Entry into this course can occur via one of the following UTS pathway courses: the Master of Architecture (C04235) (see page 353), the Graduate Diploma in Architecture (C07115) (see page 417) or the Graduate Certificate in Architecture (C11212) (see page 459).

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

C04241v1 Master of Science

Award(s): Master of Science in (name of Science major) (MSc) UAC code: 942747 (No specified major) (Autumn semester), 942750 (Forensic Science) (Autumn semester), 942753 (Physics and Advanced Materials) (Autumn semester), 942756 (Environmental Change Management) (Autumn semester), 942759 (Medical Biotechnology) (Autumn semester), 942762 (Science Management) (Autumn semester), 942765 (Mathematical and Statistical Modelling) (Autumn semester), 942770 (Marine Science and Management) (Autumn semester), 942773 (Biomedical Engineering) (Autumn semester), 945747 (No specified major) (Spring semester), 945750 (Forensic Science) (Spring semester), 945753 (Physics and Advanced Materials) (Spring semester), 945756 (Environmental Change Management) (Spring semester), 945759 (Medical Biotechnology) (Spring semester), 945762 (Science Management) (Spring semester), 945765 (Mathematical and Statistical Modelling) (Spring semester), 945770 (Marine Science and Management) (Spring semester), 945773 (Biomedical Engineering) (Spring semester)

CRICOS code: 071909M; 072904G (Accelerated)
Commonwealth-supported place?: No
Load credit points: 72

Course EFTSL: 1.5

Note(s)

The Physics and Advanced Materials major is currently not available to international students.

This course has two CRICOS codes: 071909M (3 semesters); 072904G (accelerated 14 months).

Overview

This course is designed to cater for two distinct groups of students: professional scientists wishing to update their industry-related skills for career advancement and students considering a research degree.

The course contains a compulsory core of professional subjects relevant to all science disciplines. The subjects in the core provide a backbone of skills important to a professional scientist; be they engaged in research, science businesses, industries or government organisations. These are the skills of communication, critical analysis, project management and innovation and commercialisation. The professional strand is complemented by a choice of major study in a specific science or mathematics discipline, or in science management. Students also have the option of undertaking a research project, subject to approval by the faculty. For students with suitable achievement levels considering a research degree, this course provides a pathway to a PhD.

Students in the Marine Science and Management major are exposed to multi-disciplinary and cross-institutional coursework, with a capstone project taught at the Sydney Institute of Marine Science (SIMS) and multiple lecture series and practical components using real-life data from the Australian Integrated Marine Observatory System.

Course aims

The course provides graduates with analytic tools and disciplinary knowledge, combined with creative, logical approaches to problemsolving and professional skills that facilitate real world application of the science such as project management, IP management and commercialisation.

Career options

Career options vary according to the major chosen, but all graduates have training in the professional attributes that employers seek. The skills learnt expand career horizons and enhance prospects for promotion in the rapidly evolving science professions. Graduates in all majors may also proceed to a career in research through entry to a PhD.

- Graduates of the Biomedical Engineering major will be well prepared for careers in medical device and biotechnology companies, government policy and regulation, hospitals, and research organisations where the ability to combine biology and engineering knowledge and skills is required.
- Graduates of the Marine Science and Management major can pursue careers worldwide in private and public agencies, or as private consultants in fields such as policy and conservation, fisheries, environmental sustainability and management, impact assessment, tourism, and education.

- Graduates of the Physics and Advanced Materials major could expect to find careers in industries developing next generation materials for sustainable use and generation of energy. Examples might include developing alternatives to traditional incandescent or fluorescent lights, or new battery technologies for energy storage.
- Graduates of the Environmental Change Management major may find management and leadership positions in government agencies, the private sector and community organisations concerned with biodiversity, coastal zone management, climate change adaptation, environmental policy, environmental remediation, environmental sustainability, fisheries, infrastructure, land and water resources, national parks and wildlife, planning, and natural resources management.
- Forensic Science major graduates may take up positions in police forensic laboratories, state and federal law enforcement agencies, government and private forensic or drug detection laboratories, customs and border protection agencies, and environmental protection agencies.
- Graduates of the Mathematical and Statistical Modelling major may expect to apply their logistic, statistical and modelling skills in careers in a wide range of diverse organisations and industries, including banking and finance, health, information technology, and market research.
- Career options for Medical Biotechnology major graduates include senior positions in public health units, hospitals or government departments, or as policy analysts or consultants, providing links with bodies such as state health departments. Graduates may also pursue management positions in diagnostic medical laboratories, or in pharmaceutical or biotechnology companies.
- Graduates of the Science Management major are focused towards careers in management of science industries and organisations.
 This major is specifically designed for science graduates who are making, or expect to make, the transition to management roles in their place of employment.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students enrolled in this course may be eligible for credit recognition of up to 24 credit points if the subjects previously studied are deemed by UTS: Science to be equivalent to those specified for their course.

To be considered for credit recognition, subjects must normally have been completed no more than five years prior to the commencement of this course.

Course duration and attendance

The standard course duration is 18 months full time, however most majors in the course may be completed in an accelerated full-time mode in 14 months.

Some subjects are offered in Summer session and in other short teaching sessions so students may fast-track their studies.

The course may also be completed in part-time mode, typically over 36 months. Part-time students must be prepared to attend some afternoon or morning classes during each teaching week.

Course structure

The course requires 72 credit points of study, comprising 24 credit points of professional stream subjects and a 48-credit-point major.

A non-specified major in which cross-disciplinary subject selection is possible is also offered.

The Physics and Advanced Materials major is not currently offered to international students.

Course completion requirements

STM90522 Professional stream	24cp
CBK90644 Major choice	48cp
•	Total 72cp

Course program

Example programs for the accelerated mode commencing in either Autumn or Spring semesters for all majors except Forensic Science and Biomedical Engineering are shown below.

The Forensic Science major (MAJ01123) contains a mix of subjects from different forensic disciplines and example programs are more difficult to predict because subject choices are influenced by prior study. A typical 18-month program focusing on the forensic chemistry discipline with admission in Autumn semester is shown below, as well as a typical 18-month program focusing on the forensic biology discipline with admission in Spring semester. Students with appropriate backgrounds wishing to choose a mixture of forensic chemistry and forensic biology subjects should seek advice from their program advisers.

The Biomedical Engineering major (MAJ03470) contains a mix of subjects from different science and engineering disciplines and example programs are more difficult to predict because subject choices are influenced by prior study. Typical 18-month programs for students admitted in either Autumn or Spring semester, with prior backgrounds in either biomedical or physical science are shown below. Depending on selection of electives, the number of elective credit points in a given semester may differ from that listed below.

The Marine Science and Management major (MAJ01130) requires two subjects to be chosen from external partner universities and the subject chosen may affect the course duration, depending on semester of offer of the selected subject. Example programs for the accelerated mode commencing in either Autumn or Spring semesters are shown below, however it should be noted that these are possible only if the specific optional subjects illustrated are chosen.

Environmental Change Management major, Autumn Accelerated Full time

Year 1

91541

March session 91540 Clin

Autumn semester

60901 60902 91120	Advanced Communication Skills in Science The Scientific Method GIS and Remote Sensing		6ср 6ср 6ср
Select 6 cre 91116 91118 66513 91309	edit points from the following options: Wildlife Ecology Fisheries Resources Marine Geosciences Biodiversity Conservation	6cp 6cp 6cp 6cp	6ср
July session	on		
60904	Innovation, Entrepreneurship and Commercialisation		6ср
Spring ser	nester		
91145	Environmental Protection and Management	t	6ср
Select 18 c 91155 91551 91157 CBK90640 91545	redit points from the following options: Stream and Lake Assessment Ecohydrology and Climate Change Marine Communities Elective Environment Research Project A	6cp 6cp 6cp 6cp 12cp	18cp
Year 2			
Summer s	ession		
60903	Project Management in Science		6ср

Monitoring Ecological Variability

Climate Change and Ecological Modelling

6cp

Accelera	mental Change Management major, Spri ated Full time	ng		Medical I	Biotechnology major, Spring Accelerated	d	
Year 1				Year 1			
Spring se 60901 60902	Advanced Communication Skills in Science The Scientific Method		6cp 6cp	Spring se 60901 60902	mester Advanced Communication Skills in Science The Scientific Method		6ср 6ср
91155 91551 91157	Environmental Protection and Management redit points from the following options: Stream and Lake Assessment Ecohydrology and Climate Change Marine Communities	6cp 6cp 6cp	6ср 6ср	Select 12 c 91537 91352 91705 91368 91345	redit points from the following options: Biotechnology Research Project A Parasitology Medical Devices and Diagnostics Bioreactors and Bioprocessing Biochemistry, Genes and Disease	12cp 6cp 6cp 6cp 6cp	12cp
Year 2				Year 2	Discrenification General and Discusse	ocp	
Summer 60903 91541	session Project Management in Science Monitoring Ecological Variability		6ср 6ср	Summer s 60903	session Project Management in Science		6ср
Autumn s			оср	91535	Microscopy and Cytometry		6ср
91120	GIS and Remote Sensing		6ср	Autumn s	emester		
91116 91118 66513 91309 CBK90640 91545	,	6cp 6cp 6cp 6cp 6cp 12cp	18cp	Select 24 c 91335 91359 91707 91344 91369	redit points from the following options: Molecular Biology 2 Advanced Immunology Pharmacology 1 Medical and Diagnostic Biochemistry Biobusiness and Environmental Biotechnology Biotechnology Research Project	6cp 6cp 6cp 6cp 24cp	24cp
July sess 60904	ion Innovation, Entrepreneurship and			CBK90640) Elective	6ср	
00904	Commercialisation		6ср	91538	,	12cp	
August se 91540	ession Climate Change and Ecological Modelling		6ср	July sessi 60904	on Innovation, Entrepreneurship and Commercialisation		6ср
Medical	Biotechnology major, Autumn Accelerat	ed		August se	ssion		•
Full time	2			91536	Proteomics		6ср
Year 1					fficient Materials major, Autumn Accele	rated	t
Autumn s 60901				Full time	1		
00901			(
60902	Advanced Communication Skills in Science The Scientific Method		6ср 6ср	Year 1			
		6cp 6cp 6cp	6cp 6cp 12cp	Year 1 Autumn s 60901 60902 68001			6cp 6cp 6cp
Select 12 (91335 91359 91707 91344 91537 91369	The Scientific Method credit points from the following options: Molecular Biology 2 Advanced Immunology Pharmacology 1 Medical and Diagnostic Biochemistry Biotechnology Research Project A Biobusiness and Environmental Biotechnology		6ср	Autumn s 60901 60902 68001 Select 6 cr 68416 68316 68606	emester Advanced Communication Skills in Science The Scientific Method Advanced Physics edit points from the following options: Computational Physics Applied Electronics and Interfacing Solid-state Science and Nanodevices	6cp 6cp 6cp	6ср
Select 12 of 91335 91359 91707 91344 91537 91369 July sessi	The Scientific Method credit points from the following options: Molecular Biology 2 Advanced Immunology Pharmacology 1 Medical and Diagnostic Biochemistry Biotechnology Research Project A Biobusiness and Environmental Biotechnology	6cp 6cp 6cp 12cp	6ср	Autumn s 60901 60902 68001 Select 6 cr 68416 68316	emester Advanced Communication Skills in Science The Scientific Method Advanced Physics edit points from the following options: Computational Physics Applied Electronics and Interfacing Solid-state Science and Nanodevices Molecular Nanotechnology	6ср	6cp 6cp
Select 12 of 91335 91335 91359 91707 91344 91537 91369 July sessi 60904	The Scientific Method credit points from the following options: Molecular Biology 2 Advanced Immunology Pharmacology 1 Medical and Diagnostic Biochemistry Biotechnology Research Project A Biobusiness and Environmental Biotechnology ion Innovation, Entrepreneurship and Commercialisation	6cp 6cp 6cp 12cp	6ср	Autumn s 60901 60902 68001 Select 6 cr 68416 68316 68606 67509	emester Advanced Communication Skills in Science The Scientific Method Advanced Physics edit points from the following options: Computational Physics Applied Electronics and Interfacing Solid-state Science and Nanodevices Molecular Nanotechnology	6ср 6ср	6cp 6cp
Select 12 of 91335 91359 91707 91344 91537 91369 July session 60904 Spring se	The Scientific Method credit points from the following options: Molecular Biology 2 Advanced Immunology Pharmacology 1 Medical and Diagnostic Biochemistry Biotechnology Research Project A Biobusiness and Environmental Biotechnology ion Innovation, Entrepreneurship and Commercialisation	6cp 6cp 6cp 12cp	6cp 12cp 6cp	Autumn s 60901 60902 68001 Select 6 cr 68416 68316 68606 67509 July sessi 60904 Spring sel	emester Advanced Communication Skills in Science The Scientific Method Advanced Physics edit points from the following options: Computational Physics Applied Electronics and Interfacing Solid-state Science and Nanodevices Molecular Nanotechnology on Innovation, Entrepreneurship and Commercialisation mester	6ср 6ср	6cp 6cp 6cp
Select 12 of 91335 91359 91707 91344 91537 91369 July sessi 60904 Spring se Select 24 of 91539 CBK90640 91352 91705 91368 91538 91345 Year 2	The Scientific Method credit points from the following options: Molecular Biology 2 Advanced Immunology Pharmacology 1 Medical and Diagnostic Biochemistry Biotechnology Research Project A Biobusiness and Environmental Biotechnology ion Innovation, Entrepreneurship and Commercialisation smester credit points from the following options: Biotechnology Research Project D Elective Parasitology Medical Devices and Diagnostics Bioreactors and Bioprocessing Biotechnology Research Project B Biochemistry, Genes and Disease	6cp 6cp 6cp 12cp	6cp 12cp	Autumn s 60901 60902 68001 Select 6 cr 68416 68316 68606 67509 July sessi 60904 Spring set 68002	Advanced Communication Skills in Science The Scientific Method Advanced Physics edit points from the following options: Computational Physics Applied Electronics and Interfacing Solid-state Science and Nanodevices Molecular Nanotechnology on Innovation, Entrepreneurship and Commercialisation mester Advanced Nanomaterials credit points from the following options: Measurement and Analysis of Physical Processes Imaging Science Quantum Physics Optics and Nanophotonics Scanning Probe and Electron Microscopy	6ср 6ср	6cp 6cp 6cp
Select 12 of 91335 91359 91707 91344 91537 91369 July sessi 60904 Spring se Select 24 of 91539 CBK90640 91352 91705 91368 91538 91345 Year 2 Summer	The Scientific Method credit points from the following options: Molecular Biology 2 Advanced Immunology Pharmacology 1 Medical and Diagnostic Biochemistry Biotechnology Research Project A Biobusiness and Environmental Biotechnology ion Innovation, Entrepreneurship and Commercialisation mester credit points from the following options: Biotechnology Research Project 0 Elective Parasitology Medical Devices and Diagnostics Bioreactors and Bioprocessing Biochemistry, Genes and Disease	6cp 6cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp 12cp	6cp 12cp 6cp 24cp	Autumn s 60901 60902 68001 Select 6 cr 68416 68316 68606 67509 July sessi 60904 Spring set 68002 Select 18 c 68415 68315 68413 68513 68520	Advanced Communication Skills in Science The Scientific Method Advanced Physics edit points from the following options: Computational Physics Applied Electronics and Interfacing Solid-state Science and Nanodevices Molecular Nanotechnology on Innovation, Entrepreneurship and Commercialisation mester Advanced Nanomaterials credit points from the following options: Measurement and Analysis of Physical Processes Imaging Science Quantum Physics Optics and Nanophotonics Scanning Probe and Electron Microscopy	6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp
Select 12 of 91335 91359 91707 91344 91537 91369 July sessi 60904 Spring se Select 24 of 91539 CBK90640 91352 91705 91368 91538 91345 Year 2	The Scientific Method credit points from the following options: Molecular Biology 2 Advanced Immunology Pharmacology 1 Medical and Diagnostic Biochemistry Biotechnology Research Project A Biobusiness and Environmental Biotechnology ion Innovation, Entrepreneurship and Commercialisation smester credit points from the following options: Biotechnology Research Project D Elective Parasitology Medical Devices and Diagnostics Bioreactors and Bioprocessing Biotechnology Research Project B Biochemistry, Genes and Disease	6cp 6cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp 12cp	6cp 12cp 6cp	Autumn s 60901 60902 68001 Select 6 cr 68416 68316 68606 67509 July sessi 60904 Spring sel 68002 Select 18 c 68415 68413 68513 68513 68513 68520 68046 Year 2 Summer s	Advanced Communication Skills in Science The Scientific Method Advanced Physics edit points from the following options: Computational Physics Applied Electronics and Interfacing Solid-state Science and Nanodevices Molecular Nanotechnology on Innovation, Entrepreneurship and Commercialisation mester Advanced Nanomaterials credit points from the following options: Measurement and Analysis of Physical Processes Imaging Science Quantum Physics Optics and Nanophotonics Scanning Probe and Electron Microscopy Physics Research Project A	6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 18cp
Select 12 of 91335 91359 91707 91344 91537 91369 July sessi 60904 Spring se Select 24 of 91539 CBK90640 91352 91705 91368 91538 91345 Year 2 Summer 60903 91535 March set	The Scientific Method credit points from the following options: Molecular Biology 2 Advanced Immunology Pharmacology 1 Medical and Diagnostic Biochemistry Biotechnology Research Project A Biobusiness and Environmental Biotechnology ion Innovation, Entrepreneurship and Commercialisation mester credit points from the following options: Biotechnology Research Project 0 Elective Parasitology Medical Devices and Diagnostics Bioreactors and Bioprocessing Biotechnology Research Project B Biochemistry, Genes and Disease session Project Management in Science Microscopy and Cytometry sssion	6cp 6cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp 12cp	6cp 12cp 6cp 24cp	Autumn s 60901 60902 68001 Select 6 cr 68416 68316 68606 67509 July sessi 60904 Spring set 68002 Select 18 c 68415 68315 68413 68513 68513 68520 68046 Year 2	Advanced Communication Skills in Science The Scientific Method Advanced Physics edit points from the following options: Computational Physics Applied Electronics and Interfacing Solid-state Science and Nanodevices Molecular Nanotechnology on Innovation, Entrepreneurship and Commercialisation mester Advanced Nanomaterials credit points from the following options: Measurement and Analysis of Physical Processes Imaging Science Quantum Physics Optics and Nanophotonics Scanning Probe and Electron Microscopy Physics Research Project A	6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp
Select 12 of 91335 91359 91707 91344 91537 91369 July sessi 60904 Spring se Select 24 of 91539 CBK90640 91352 91705 91368 91538 91345 Year 2 Summer 60903 91535	The Scientific Method credit points from the following options: Molecular Biology 2 Advanced Immunology Pharmacology 1 Medical and Diagnostic Biochemistry Biotechnology Research Project A Biobusiness and Environmental Biotechnology ion Innovation, Entrepreneurship and Commercialisation mester credit points from the following options: Biotechnology Research Project D Elective Parasitology Medical Devices and Diagnostics Bioreactors and Bioprocessing Biotechnology Research Project B Biochemistry, Genes and Disease session Project Management in Science Microscopy and Cytometry	6cp 6cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp 12cp	6cp 12cp 6cp 24cp	Autumn s 60901 60902 68001 Select 6 cr 68416 68316 68606 67509 July sessi 60904 Spring set 68002 Select 18 c 68413 68513 68513 68320 68046 Year 2 Summer s 60903	Advanced Communication Skills in Science The Scientific Method Advanced Physics edit points from the following options: Computational Physics Applied Electronics and Interfacing Solid-state Science and Nanodevices Molecular Nanotechnology on Innovation, Entrepreneurship and Commercialisation mester Advanced Nanomaterials redit points from the following options: Measurement and Analysis of Physical Processes Imaging Science Quantum Physics Optics and Nanophotonics Scanning Probe and Electron Microscopy Physics Research Project A session Project Management in Science	6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 18cp
Select 12 of 91335 91359 91707 91344 91537 91369 July sessi 60904 Spring se Select 24 of 91539 CBK90640 91352 91705 91368 91538 91345 Year 2 Summer 60903 91535 March set	The Scientific Method credit points from the following options: Molecular Biology 2 Advanced Immunology Pharmacology 1 Medical and Diagnostic Biochemistry Biotechnology Research Project A Biobusiness and Environmental Biotechnology ion Innovation, Entrepreneurship and Commercialisation mester credit points from the following options: Biotechnology Research Project 0 Elective Parasitology Medical Devices and Diagnostics Bioreactors and Bioprocessing Biotechnology Research Project B Biochemistry, Genes and Disease session Project Management in Science Microscopy and Cytometry sssion	6cp 6cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp 12cp	6cp 12cp 6cp 24cp	Autumn s 60901 60902 68001 Select 6 cr 68416 68316 68606 67509 July sessi 60904 Spring set 68002 Select 18 c 68413 68513 68513 68320 68046 Year 2 Summer s 60903	Advanced Communication Skills in Science The Scientific Method Advanced Physics edit points from the following options: Computational Physics Applied Electronics and Interfacing Solid-state Science and Nanodevices Molecular Nanotechnology on Innovation, Entrepreneurship and Commercialisation mester Advanced Nanomaterials credit points from the following options: Measurement and Analysis of Physical Processes Imaging Science Quantum Physics Optics and Nanophotonics Scanning Probe and Electron Microscopy Physics Research Project A session Project Management in Science Computation Techniques in the Materials Sciences	6cp 6cp 6cp 6cp 6cp 6cp 6cp 12cp	6cp 6cp 6cp 6cp 18cp

Energy E	Efficient Materials major, Spring Acceler	ated		35504 35505	Seminar C Seminar D	6ср 6ср	
Year 1				35114 35113	Mathematical Research Project Mathematical Research Project B	24cp 12cp	
Spring se	mester			Year 2		-1	
60901 60902 68002	Advanced Communication Skills in Science The Scientific Method Advanced Nanomaterials		6ср 6ср 6ср	Summer 60903	session Project Management in Science		6ср
Select 6 cr 68315 68415	redit points from the following options: Imaging Science Measurement and Analysis of Physical	6ср	6ср	Accelera	atical and Statistical Modelling major, ated Full time	Spring	
68513 68413 68320	Processes Optics and Nanophotonics Quantum Physics Scanning Probe and Electron Microscopy	6cp 6cp 6cp 6cp		Year 1 Spring se 60901	emester Advanced Communication Skills in Science	ce	6ср
Year 2	Semining 1 1000 and 21001011 meroscopy	ocp			credit points from the following options:		24cp
Summer	cossion			35231 35502	Differential Equations Seminar A	6ср 6ср	
60903 68045	Project Management in Science Computation Techniques in the Materials Sciences		6ср 6ср	35503 35504 35353 35112	Seminar B Seminar C Regression Analysis Mathematical Research Project A	6cp 6cp 6cp 12cp	
Autumn s 68001	Advanced Physics		6cn	35361	Stochastic Processes	6ср	
Select 18 6 68046 68606 68416 67509	credit points from the following options:	12cp 6cp 6cp 6cp 6cp 6cp	6cp 18cp	Selec 3535 3539 35344 35342 35505 35322		6cp cp cp 6cp 6cp 6cp	
July sess	ion			Year 2			
60904	Innovation, Entrepreneurship and Commercialisation		6cm	Summer	session		
August se			6ср	60903	Project Management in Science		6ср
August se 68044	Characterisation of Energy Efficient Materia	ls	6ср	Autumn s 35212	semester Computational Linear Algebra		6ср
	atical and Statistical Modelling major, A	utum	n	Select 24	credit points from the following options:		24cp
Accelera	ted Full time			Sele	ct one of the following:	6ср	
Year 1 Autumn s 60901 35212 Select 18 6	emester Advanced Communication Skills in Science Computational Linear Algebra credit points from the following options:		6ср 6ср 18ср	3525 35365 35365 35366 35457 35356		2p 2p 6cp 6cp 6cp 6cp	
35366 35365 35457 Selec 3525 3536 35504		6cp 6cp 6cp 6cp	-	35502 35503 35504 35505 35113 35114 35340	Seminar A Seminar B Seminar C Seminar D Mathematical Research Project B Mathematical Research Project Quantitative Management Practice	6cp 6cp 6cp 12cp 24cp 6cp	
35112 35503 35505 35502 35356	Mathematical Research Project A Seminar B Seminar D Seminar A Design and Analysis of Experiments	12cp 6cp 6cp 6cp 6cp		July sess 60904 Science	ion Innovation, Entrepreneurship and Commercialisation Management major, Autumn Accelera	ted	6ср
35340	Quantitative Management Practice	6cp		Full time			
July sess	on			Year 1			
60904	Innovation, Entrepreneurship and Commercialisation		6ср		semester		
Spring se	mester		-	60901 60905	Advanced Communication Skills in Science Leadership and Teamwork in Science	ce	6ср 6ср
35322 35231 35342 35344	Advanced Analysis Differential Equations Nonlinear Methods in Quantitative Management Network and Combinatorial Optimisation	6cp 6cp 6cp	30cp	CBK9064 CBK9064	Managing Science-based Enterprises redit points from the following options: 2 Elective 3 Elective 8 Electives	12cp 12cp 12cp	6cp 6cp
35353	Regression Analysis	6cp		60904	Innovation, Entrepreneurship and		
3535 3539 35361 35502 35503		6cp 6cp 6cp		Spring se 60902 60906 60908	Commercialisation emester The Scientific Method Science in Practice Science and Industrialisation		6cp 6cp 6cp

	credit points from the following options:	10	12cp	Forensic Science major, Biology strand, Spring Full time
CBK90643		12cp 12cp		Year 1
CBK90388	8 Electives	12cp		Spring semester 60901 Advanced Communication Skills in Science 6cp
Summer	session			65034 Introduction to Forensic Science 6cp 91402 Anatomical Pathology 6cp
60903	Project Management in Science		6ср	60902 The Scientific Method 6cp
Select 6 ca CBK90642	redit points from the following options: 2 Elective	12cp	6ср	Year 2
CBK90643 CBK90388	3 Elective 8 Electives	12cp 12cp		Summer session 60903 Project Management in Science 6cp
	Management major, Spring Accelerated		time	Autumn semester
Year 1				65342 Crime Scene Investigation 6cp 91137 DNA Profiling 6cp
Spring se				91138 Investigation of Human Remains 6cp 35255 Forensic Statistics 6cp
60901 60906	Advanced Communication Skills in Science Science in Practice	9	6ср 6ср	July session Sep
60908	Science and Industrialisation		6ср	60904 Innovation, Entrepreneurship and Commercialisation 6cp
	redit points from the following options: 2 Elective	12cp	6ср	Spring semester
CBK90643 CBK90388	3 Elective 8 Electives	12cp 12cp		Select 12 credit points from the following options: 12cp
Year 2				91139 Complex Forensic Cases (Biology) 6cp 79028 Complex Forensic Cases (Law for Biology) 6cp
Summer	session			91548 Forensic Biology Research Project A 12cp
60903	Project Management in Science		6ср	Marine Science and Management major, Autumn
CBK90642		12cp	6ср	Accelerated Full time Year 1
CBK90643 CBK90388	3 Elective 8 Electives	12cp 12cp		Autumn semester
Autumn s	emester	1		60901 Advanced Communication Skills in Science 6cp
60902 60905	The Scientific Method Leadership and Teamwork in Science		6ср 6ср	91146 Topics in Australian Marine Science 6cp 91165 External Marine Study 1 6cp
60907	Managing Science-based Enterprises		6ср	Select 6 credit points from the following options: 6cp 91118 Fisheries Resources 6cp
	credit points from the following options: 2 Elective	12cp	12cp	91118 Fisheries Resources 6cp 66513 Marine Geosciences 6cp
	3 Elective 8 Electives	12cp 12cp		July session
July sessi		12cp		60904 Innovation, Entrepreneurship and Commercialisation 6cp
60904	Innovation, Entrepreneurship and Commercialisation		6ср	Spring semester
Forensia	: Science major, Chemistry strand, Autu	ımn	оср	91166 External Marine Study 2 6cp 60902 The Scientific Method 6cp
Full time				Select 12 credit points from the following options: 12cp
Year 1				91156 Marine Primary Producers 6cp 91157 Marine Communities 6cp
Autumn s				91545 Environment Research Project A 12cp
60901 65034	Advanced Communication Skills in Science Introduction to Forensic Science	9	6ср 6ср	Year 2 Summer session
65545 65342	Forensic Toxicology Crime Scene Investigation		6ср 6ср	60903 Project Management in Science 6cp
July sess			•	91541 Monitoring Ecological Variability 6cp March session
60904	Innovation, Entrepreneurship and Commercialisation		6ср	91540 Climate Change and Ecological Modelling 6cp
Spring se	mester		1	Marine Science and Management major, Spring
60902	The Scientific Method		6cp	Accelerated Full time
65412	credit points from the following options: Physical Evidence	6ср	18cp	Year 1
65643	Chemistry and Pharmacology of Recreational Drugs	6ср		Spring semester 60901 Advanced Communication Skills in Science 6cp
65644 65032	Fire and Explosion Investigation Forensic Science Research Project A	6cp 12cp		60902 The Scientific Method 6cp 91165 External Marine Study 1 6cp
Year 2	1 STOTION SCIENCE PROGRAMME TO JULY 1	12cp		Select 6 credit points from the following options: 6cp
Summer	session			91156 Marine Primary Producers 6cp 91157 Marine Communities 6cp
60903	Project Management in Science		6ср	Year 2
Autumn s			10	Summer session
65544	credit points from the following options: Chemical Criminalistics	6ср	12cp	60903 Project Management in Science 6cp 91541 Monitoring Ecological Variability 6cp
35255 65072	Forensic Statistics Forensic Science Research Project B	6ср 12ср		0
	,			

Autumn s	omester			July sess	ion	
91146	Topics in Australian Marine Science		6ср	60904	Innovation, Entrepreneurship and	
91166	External Marine Study 2		6cp		Commercialisation	6ср
Select 12 o 91118	credit points from the following options: Fisheries Resources		2cp	Spring se		
66513	Marine Geosciences	6ср 6ср		49261 91239	Biomedical Instrumentation Human Pathophysiology	6ср 6ср
91545		12cp		Select 6 cr	redit points of electives	6ср
July sessi 60904	on Innovation, Entrepreneurship and			Year 2	-	-
00701	Commercialisation		6ср	Summer	session	
August se	ession			60903	Project Management in Science	6ср
91540	Climate Change and Ecological Modelling		6ср	Autumn s	emester	
	cal Engineering major, Physical Science	stream	٦,	Select 18	credit points of electives	18cp
Autumn					cal Engineering major, Biomedical Sciences	5
Year 1				stream,	Spring	
Autumn s 91429	emester Physiological Bases of Human Movement		6ср	Year 1		
60901	Advanced Communication Skills in Science		6cp	Spring se		
48023	Programming Fundamentals		6ср	60901 60902	Advanced Communication Skills in Science The Scientific Method	6ср 6ср
Select 6 cr	redit points of electives		6ср	91239	Human Pathophysiology	6ср
July sessi				Select 6 cr	redit points of electives	6ср
60904	Innovation, Entrepreneurship and Commercialisation		6ср	Year 2		
Spring se			- 1	Summer	session	
49261	Biomedical Instrumentation		6ср	60903	Project Management in Science	6ср
91239	Human Pathophysiology		6ср	Autumn s		
Select 12 o	credit points of electives	1	2cp	68316	Applied Electronics and Interfacing	6ср
Year 2					credit points of electives	12cp
Summer s			600	July sess 60904	Innovation, Entrepreneurship and	
60903 Autumn s	Project Management in Science		6ср	00701	Commercialisation	6ср
49275	Neural Networks and Fuzzy Logic		6ср	Spring se	mester	
	redit points of electives		6ср	49261	Biomedical Instrumentation	6ср
	cal Engineering major, Physical Science			Select 12	credit points of electives	12cp
Spring	tat Engineering major, r nysicat Science	Su can	1,	Other i	nformation	
Year 1					nformation is available from:	
Spring se	mester				cademic Administration Office	
	Human Anatomy and Physiology		6ср		e+61 2 9514 9985 ence.admin@uts.edu.au	
60901 48023	Advanced Communication Skills in Science Programming Fundamentals		6ср 6ср	or	nce.aunimeuts.edu.au	
	redit points of electives		6ср		6 Student Centre	
Year 2	can point of electives		JCP	_	1300 ask UTS (1300 275 887)	
Summer	session			or +61 2 9	514 1222	
60903	Project Management in Science		6ср	Ask UTS	www.ask.uts.edu.au	
Autumn s	emester		-	00/2	/21 Master of Communicat	:
49275	Neural Networks and Fuzzy Logic		6ср		42v1 Master of Communicat	ions
Select 12 o	credit points of electives	1	2cp	Law		
July sessi					Master of Communications Law (MCommLaw)	
60904	Innovation, Entrepreneurship and Commercialisation		6ср		942430 (Autumn semester), 945430 (Spring semester) de: 071753D	
Spring se	mester		-	Commonw	ealth-supported place?: No	
49261	Biomedical Instrumentation		6ср	Load credi Course EF	·	
91239	Human Pathophysiology		6ср		rst: r City campus	
	redit points of electives		6ср	Overvie		
	cal Engineering major, Biomedical Scier	nces			as a critical media and legal specialisation, commur	ications
stream,	Autumn				S offers an opportunity for non-law as well as law gr	

Emerging as a critical media and legal specialisation, communications law at UTS offers an opportunity for non-law as well as law graduates to develop an understanding and demonstrate their expertise as media professionals and commentators, policy makers and lawyers, managers and researchers in this important area.

Students are exposed to key issues within the field such as: the roll-out of the national broadband network (NBN); cyber-security; legal perspectives of the internet; the role of law and regulation in communications, media and entertainment; and the relationship of intellectual property and technology.

6ср

6ср

6ср

6ср

Advanced Communication Skills in Science

The Scientific Method Applied Electronics and Interfacing

Year 1

60901

60902

68316

Autumn semester

Select 6 credit points of electives

Career options

Career options exist for non-law professionals to enhance prospects as communications policy advisors, editorial and management positions, online/social media consultants, lobbyists, researchers for public interest groups and industry commentators. Practising lawyers can expand their legal specialisations in areas including communications law, intellectual property, media and entertainment law, telecommunications law, technology law and corporate law.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Admission is at the discretion of the associate dean (teaching and learning).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course can be completed in a minimum of one year of full-time study or two years of part-time study.

Course structure

Two streams are available in the course:

- Students who hold an undergraduate legal qualification must complete six option subjects (48 credit points).
- Students who hold an undergraduate degree in a discipline other than law must complete one core introductory subject (8 credit points) followed by an additional five subjects (40 credit points).

Students who have completed an undergraduate legal qualification should contact the UTS Student Centre during enrolment if their study plan includes the Non-law graduate entrant stream (STM90543).

Subjects are regularly timetabled but not all subjects listed are offered in any one semester. Timetabled subjects are offered subject to sufficient student interest. The current timetable can be found at: http://timetable.uts.edu.au

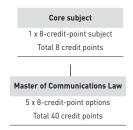
Course completion requirements

Select one of the following: STM90543 Non-law graduate entrant stream STM90542 Law graduate entrant stream 48cp 48cp 48cp Total 48cp

Course diagram Law graduate entrants

Master of Communications Law 6 x 8-credit-point options Total 48 credit points

Non-law graduate entrants



Levels of award

To qualify for honours, candidates must attain a weighted average mark of 80 per cent across all subjects attempted.

Articulation with UTS courses

Students enrolled in the Graduate Certificate in Communications Law (C11217) (see page 461) may apply to transfer to the Master of Communications Law. Successful candidates are not awarded the graduate certificate but subjects undertaken within the graduate certificate are recognised and applied towards the master's.

Other information

Further information for future students is available from: telephone +61 2 9514 3660

email law@uts.edu.au

Further information for current students is available from:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C04243v2 Master of Design

Award(s): Master of Design in (name of Design major) (MDesign) UAC code: 942107 (Autumn semester), 945107 (Spring semester) CRICOS code: 071751F

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Overview

Unique in Australia, the Master of Design is intellectually vibrant, socially engaging, visionary, practice focused and actively linked to industry. This course is centred around building a design community network. The course has two main components: specialised master classes led by a studio leader and industry partners and theory and technology subjects taught across the program.

The program focuses on and integrates research, industry collaboration, internationalisation and a design culture through the delivery of specialist, core and trans-disciplinary subjects. It provides a postgraduate education that is flexible in both its practice orientation and research integration.

With a focus on design evolution, innovative integration of new technologies, practice and student experimentation, this Master of Design is delivered by experienced studio leaders who are acknowledged leaders in the specific industries and professions.

Course aims

Designed to produce a balance between high levels of specialisation and lateral thinking, the program enables students to examine design from a trans-disciplinary perspective.

It enables students to explore design issues under the supervision of a practice leader, to learn new strategies and the application of research and theory. It supports best practices in postgraduate design education through learning and research strategies that critically examine design practice.

Graduates of this course are leaders in design and related industries through their expertise in product and service development. They are able to utilise strategic processes, creative tools and research skills for innovation in design.

The program provides a suite of subjects for postgraduate designers in the areas of interaction, strategy and enterprise, lighting design, technotextiles, and text and image. Common subjects explore related conceptual challenges and questions of visual expression in the quest to develop useful, usable and resonant designs. These include understanding and articulating the importance of 'user experience', the role of design in humanising information, the aesthetic and conceptual dynamics of effective communication, strategic thinking, and aspects of design management, branding and communication.

Career options

Graduates' careers are enhanced by high-level professional knowledge and skills for the workplace, with possession of specialised knowledge in advanced textiles, space and materials, interaction, sustainable design and innovation.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a one-and-a-half-year, full-time or three-year, part-time basis.

Course structure

Students must complete 72 credit points comprising 36 credit points of core subjects and 36 credit points of design expertise subjects.

Course completion requirements

CBK90665 Design major choice 36cp CBK90890 Theory and Technology subjects (Design) 36cp Total 72cp

Exit award

Students can exit this course after completing 48 credit points of specified subjects with a Graduate Diploma in Design (C07119) (see page 419) or after completing 24 credit points of specified subjects with a Graduate Certificate in Design (C11225) (see page 464).

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

C04244v1 Master of Arts in Nonfiction Writing

Award(s): Master of Arts in Non-fiction Writing (MA) UAC code: 942530 (Autumn semester), 945530 (Spring semester) CRICOS code: 071748A

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Overview

The Master of Arts in Non-fiction Writing is designed for experienced writers who are prepared to undertake advanced work in the growing field of non-fiction. In Australia, the non-fiction book market is much larger than the fiction market.

The course builds on the research and teaching strengths in areas of creative writing, journalism, media arts and production, and information and knowledge management.

It focuses on writing and research skills including identifying a subject, using archives, examining methods, exploring genres and structuring material for a full-length non-fiction book. In this course, non-fiction includes biography, life writing, true crime, travel writing, sports writing, the personal essay and other forms of sustained and structured non-fiction narrative. Students can study one genre in depth or explore a range of genres and media.

Students learn valuable skills and work towards developing a major project under the guidance of an academic faculty member with expertise in non-fiction.

Course aims

Graduates of this course develop:

- general and specific skills in non-fiction writing across a range of genres
- an ability to develop and critically revise their own work
- an ability to structure and sustain a book-length narrative
- an understanding of the relationships of writing practice and publication across a range of media and contemporary cultural forms
- a critical knowledge of aesthetic debates and modern developments in non-fiction, and
- an ability to think creatively and critically.

Career options

Career options include biographical and historical writing, freelance writing and editing, life writing, media research, publishing, professional writing, true crime writing, and editing in cultural organisations or government departments.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who have completed a bachelor's, graduate diploma or master's in any field of study or a graduate certificate in a related field of study can apply. Applicants who do not possess the relevant qualification may submit a personal statement outlining their educational and professional achievements.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Applications

All applicants are required to:

- submit a personal statement and CV
- explain what writing experience they have
- list their publications, if any
- attach one example of their non-fiction writing
- supply written references from people who are familiar with their ability and potential (if the applicant does not have academic or professional qualifications).

Credit recognition

Previous study is assessed at the time of application to determine whether completed study satisfies course completion requirements.

Course duration and attendance

The course is offered on a one-and-a-half-year, full-time or two-and-a-half-year, part-time basis.

Course structure

The course comprises 72 credit points, made up of five core subjects and three elective/sub-major subjects. Students may select subjects beyond the lists of elective subjects with the approval of the graduate adviser. Not all subjects are available each semester.

Full-time students are required to undertake 24 credit points a semester. Part-time students should undertake 8 or 16 credit points a semester.

Course completion requirements

CBK90828 Electives/Sub-major (Non-fiction Writing) STM90556 Core subjects (Non-fiction Writing Project) STM90557 Core subjects (Non-fiction Writing) 24cp 24cp 24cp Total 72cp

Example programs are shown below.		Autumn semester
Autumn commencing, full time		57164 Non-fiction Writing Project 16cp Spring semester
Year 1		·
Autumn semester		Select 8 credit points of electives 8cp
57031 Non-fiction Writing 57061 Issues in Documentary	8ср 8ср	Other information
Select 8 credit points of electives	8ср	Further information is available from the UTS Student Centre on:
Spring semester	оср	telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222
57162 Memory and Life Writing 57163 Non-fiction Project Development	8cp 8cp	Ask UTS www.ask.uts.edu.au
Select 8 credit points of electives	8cp	C04245v1 Master of Arts in Teaching
Year 2		_
Autumn semester		English to Speakers of Other
57164 Non-fiction Writing Project	16cp	Languages
Select 8 credit points of electives	8cp	Award(s): Master of Arts in Teaching English to Speakers of Other
Spring commencing, full time		Languages (MA) UAC code: 942224 (CSP) (Autumn semester), 942225 (PDFP) (Autumn
Year 1		semester), 942226 (qualified teachers only distance CSP) (Autumn
Spring semester		semester), 942227 (qualified teachers only distance PDFP) (Autumn
57031 Non-fiction Writing	8ср	semester), 945225 (PDFP) (Spring semester), 945227 (qualified teachers only distance PDFP) (Spring semester)
57162 Memory and Life Writing	8cp	CRICOS code: 071629G
Select 8 credit points of electives	8ср	Commonwealth-supported place?: Yes
Year 2		Load credit points: 72 Course EFTSL: 1.5
Autumn semester		Location: City campus
57061 Issues in Documentary 57163 Non-fiction Project Development	8ср 8ср	Overview
Select 8 credit points of electives	8ср	UTS is a leading provider of postgraduate language and literacy
Spring semester	оср	courses, with academics who are published authors and internationally
57164 Non-fiction Writing Project	16ср	recognised experts in the field. This course meets the professional development needs of a wide range of English language teachers in
Select 8 credit points of electives	8cp	Australia or internationally; teaching children, teenagers or adults.
Autumn commencing, part time	-	It caters to those seeking an initial teaching qualification in teaching
Autumin commencing, part time		English to adult speakers of other languages. It is also well suited
Voor 1		to applicants who already possess a teaching qualification and wish
Year 1		to applicants who already possess a teaching qualification and wish to gain a specialist degree in the field as they are eligible for credit
Autumn semester	8cp	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with
_	8cp 8cp	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with skills and in-depth knowledge in the areas of teaching practice, pedagogical grammars, global Englishes, discourse analysis,
Autumn semester 57031 Non-fiction Writing 57061 Issues in Documentary Spring semester	8cp	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with skills and in-depth knowledge in the areas of teaching practice,
Autumn semester 57031 Non-fiction Writing 57061 Issues in Documentary Spring semester 57162 Memory and Life Writing	_ *	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with skills and in-depth knowledge in the areas of teaching practice, pedagogical grammars, global Englishes, discourse analysis, phonology and pronunciation, language teaching technologies,
Autumn semester 57031 Non-fiction Writing 57061 Issues in Documentary Spring semester	8cp	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with skills and in-depth knowledge in the areas of teaching practice, pedagogical grammars, global Englishes, discourse analysis, phonology and pronunciation, language teaching technologies, language development, language for specific purposes and more. This course is designed for those who wish to pursue a specialist area and to understand in more detail the theoretical basis of TESOL
Autumn semester 57031 Non-fiction Writing 57061 Issues in Documentary Spring semester 57162 Memory and Life Writing	8cp 8cp	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with skills and in-depth knowledge in the areas of teaching practice, pedagogical grammars, global Englishes, discourse analysis, phonology and pronunciation, language teaching technologies, language development, language for specific purposes and more. This course is designed for those who wish to pursue a specialist
Autumn semester 57031 Non-fiction Writing 57061 Issues in Documentary Spring semester 57162 Memory and Life Writing Select 8 credit points of electives Year 2 Autumn semester	8cp 8cp 8cp	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with skills and in-depth knowledge in the areas of teaching practice, pedagogical grammars, global Englishes, discourse analysis, phonology and pronunciation, language teaching technologies, language development, language for specific purposes and more. This course is designed for those who wish to pursue a specialist area and to understand in more detail the theoretical basis of TESOL practice. The course is tailored to cater to the needs of participants who as yet have no teaching experience, as well as to the needs of participants with experience but no recognised initial teaching
Autumn semester 57031 Non-fiction Writing 57061 Issues in Documentary Spring semester 57162 Memory and Life Writing Select 8 credit points of electives Year 2 Autumn semester Select 16 credit points of electives	8cp 8cp	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with skills and in-depth knowledge in the areas of teaching practice, pedagogical grammars, global Englishes, discourse analysis, phonology and pronunciation, language teaching technologies, language development, language for specific purposes and more. This course is designed for those who wish to pursue a specialist area and to understand in more detail the theoretical basis of TESOL practice. The course is tailored to cater to the needs of participants who as yet have no teaching experience, as well as to the needs
Autumn semester 57031 Non-fiction Writing 57061 Issues in Documentary Spring semester 57162 Memory and Life Writing Select 8 credit points of electives Year 2 Autumn semester Select 16 credit points of electives Spring semester	8cp 8cp 8cp 16cp	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with skills and in-depth knowledge in the areas of teaching practice, pedagogical grammars, global Englishes, discourse analysis, phonology and pronunciation, language teaching technologies, language development, language for specific purposes and more. This course is designed for those who wish to pursue a specialist area and to understand in more detail the theoretical basis of TESOL practice. The course is tailored to cater to the needs of participants who as yet have no teaching experience, as well as to the needs of participants with experience but no recognised initial teaching qualification. The subjects are designed for those with teacher qualifications and experience, particularly in the field of TESOL. The course features flexible study options with classes held at times
Autumn semester 57031 Non-fiction Writing 57061 Issues in Documentary Spring semester 57162 Memory and Life Writing Select 8 credit points of electives Year 2 Autumn semester Select 16 credit points of electives Spring semester 57163 Non-fiction Project Development	8cp 8cp 8cp	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with skills and in-depth knowledge in the areas of teaching practice, pedagogical grammars, global Englishes, discourse analysis, phonology and pronunciation, language teaching technologies, language development, language for specific purposes and more. This course is designed for those who wish to pursue a specialist area and to understand in more detail the theoretical basis of TESOL practice. The course is tailored to cater to the needs of participants who as yet have no teaching experience, as well as to the needs of participants with experience but no recognised initial teaching qualification. The subjects are designed for those with teacher qualifications and experience, particularly in the field of TESOL. The course features flexible study options with classes held at times suitable for full-time workers. Students who receive a minimum of
Autumn semester 57031 Non-fiction Writing 57061 Issues in Documentary Spring semester 57162 Memory and Life Writing Select 8 credit points of electives Year 2 Autumn semester Select 16 credit points of electives Spring semester 57163 Non-fiction Project Development Year 3	8cp 8cp 8cp 16cp	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with skills and in-depth knowledge in the areas of teaching practice, pedagogical grammars, global Englishes, discourse analysis, phonology and pronunciation, language teaching technologies, language development, language for specific purposes and more. This course is designed for those who wish to pursue a specialist area and to understand in more detail the theoretical basis of TESOL practice. The course is tailored to cater to the needs of participants who as yet have no teaching experience, as well as to the needs of participants with experience but no recognised initial teaching qualification. The subjects are designed for those with teacher qualifications and experience, particularly in the field of TESOL. The course features flexible study options with classes held at times suitable for full-time workers. Students who receive a minimum of 24 credit points of credit recognition may complete the course by distance, but only if relevant distance subjects are selected.
Autumn semester 57031 Non-fiction Writing 57061 Issues in Documentary Spring semester 57162 Memory and Life Writing Select 8 credit points of electives Year 2 Autumn semester Select 16 credit points of electives Spring semester 57163 Non-fiction Project Development Year 3 Autumn semester	8cp 8cp 8cp 16cp 8cp	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with skills and in-depth knowledge in the areas of teaching practice, pedagogical grammars, global Englishes, discourse analysis, phonology and pronunciation, language teaching technologies, language development, language for specific purposes and more. This course is designed for those who wish to pursue a specialist area and to understand in more detail the theoretical basis of TESOL practice. The course is tailored to cater to the needs of participants who as yet have no teaching experience, as well as to the needs of participants with experience but no recognised initial teaching qualification. The subjects are designed for those with teacher qualifications and experience, particularly in the field of TESOL. The course features flexible study options with classes held at times suitable for full-time workers. Students who receive a minimum of 24 credit points of credit recognition may complete the course by distance, but only if relevant distance subjects are selected. The course explicitly meets the needs of students and educators in
Autumn semester 57031 Non-fiction Writing 57061 Issues in Documentary Spring semester 57162 Memory and Life Writing Select 8 credit points of electives Year 2 Autumn semester Select 16 credit points of electives Spring semester 57163 Non-fiction Project Development Year 3 Autumn semester 57164 Non-fiction Writing Project	8cp 8cp 8cp 16cp	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with skills and in-depth knowledge in the areas of teaching practice, pedagogical grammars, global Englishes, discourse analysis, phonology and pronunciation, language teaching technologies, language development, language for specific purposes and more. This course is designed for those who wish to pursue a specialist area and to understand in more detail the theoretical basis of TESOL practice. The course is tailored to cater to the needs of participants who as yet have no teaching experience, as well as to the needs of participants with experience but no recognised initial teaching qualification. The subjects are designed for those with teacher qualifications and experience, particularly in the field of TESOL. The course features flexible study options with classes held at times suitable for full-time workers. Students who receive a minimum of 24 credit points of credit recognition may complete the course by distance, but only if relevant distance subjects are selected.
Autumn semester 57031 Non-fiction Writing 57061 Issues in Documentary Spring semester 57162 Memory and Life Writing Select 8 credit points of electives Year 2 Autumn semester Select 16 credit points of electives Spring semester 57163 Non-fiction Project Development Year 3 Autumn semester 57164 Non-fiction Writing Project Spring commencing, part time	8cp 8cp 8cp 16cp 8cp	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with skills and in-depth knowledge in the areas of teaching practice, pedagogical grammars, global Englishes, discourse analysis, phonology and pronunciation, language teaching technologies, language development, language for specific purposes and more. This course is designed for those who wish to pursue a specialist area and to understand in more detail the theoretical basis of TESOL practice. The course is tailored to cater to the needs of participants who as yet have no teaching experience, as well as to the needs of participants with experience but no recognised initial teaching qualification. The subjects are designed for those with teacher qualifications and experience, particularly in the field of TESOL. The course features flexible study options with classes held at times suitable for full-time workers. Students who receive a minimum of 24 credit points of credit recognition may complete the course by distance, but only if relevant distance subjects are selected. The course explicitly meets the needs of students and educators in the following contexts: • working with migrants and Indigenous students across all levels of education
Autumn semester 57031 Non-fiction Writing 57061 Issues in Documentary Spring semester 57162 Memory and Life Writing Select 8 credit points of electives Year 2 Autumn semester Select 16 credit points of electives Spring semester 57163 Non-fiction Project Development Year 3 Autumn semester 57164 Non-fiction Writing Project Spring commencing, part time Year 1	8cp 8cp 8cp 16cp 8cp	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with skills and in-depth knowledge in the areas of teaching practice, pedagogical grammars, global Englishes, discourse analysis, phonology and pronunciation, language teaching technologies, language development, language for specific purposes and more. This course is designed for those who wish to pursue a specialist area and to understand in more detail the theoretical basis of TESOL practice. The course is tailored to cater to the needs of participants who as yet have no teaching experience, as well as to the needs of participants with experience but no recognised initial teaching qualification. The subjects are designed for those with teacher qualifications and experience, particularly in the field of TESOL. The course features flexible study options with classes held at times suitable for full-time workers. Students who receive a minimum of 24 credit points of credit recognition may complete the course by distance, but only if relevant distance subjects are selected. The course explicitly meets the needs of students and educators in the following contexts: • working with migrants and Indigenous students across all levels of education • teachers wishing to change discipline areas
Autumn semester 57031 Non-fiction Writing 57061 Issues in Documentary Spring semester 57162 Memory and Life Writing Select 8 credit points of electives Year 2 Autumn semester Select 16 credit points of electives Spring semester 57163 Non-fiction Project Development Year 3 Autumn semester 57164 Non-fiction Writing Project Spring commencing, part time Year 1 Spring semester	8cp 8cp 8cp 16cp 8cp	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with skills and in-depth knowledge in the areas of teaching practice, pedagogical grammars, global Englishes, discourse analysis, phonology and pronunciation, language teaching technologies, language development, language for specific purposes and more. This course is designed for those who wish to pursue a specialist area and to understand in more detail the theoretical basis of TESOL practice. The course is tailored to cater to the needs of participants who as yet have no teaching experience, as well as to the needs of participants with experience but no recognised initial teaching qualification. The subjects are designed for those with teacher qualifications and experience, particularly in the field of TESOL. The course features flexible study options with classes held at times suitable for full-time workers. Students who receive a minimum of 24 credit points of credit recognition may complete the course by distance, but only if relevant distance subjects are selected. The course explicitly meets the needs of students and educators in the following contexts: • working with migrants and Indigenous students across all levels of education • teachers wishing to change discipline areas
Autumn semester 57031 Non-fiction Writing 57061 Issues in Documentary Spring semester 57162 Memory and Life Writing Select 8 credit points of electives Year 2 Autumn semester Select 16 credit points of electives Spring semester 57163 Non-fiction Project Development Year 3 Autumn semester 57164 Non-fiction Writing Project Spring commencing, part time Year 1	8cp 8cp 8cp 16cp 8cp	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with skills and in-depth knowledge in the areas of teaching practice, pedagogical grammars, global Englishes, discourse analysis, phonology and pronunciation, language teaching technologies, language development, language for specific purposes and more. This course is designed for those who wish to pursue a specialist area and to understand in more detail the theoretical basis of TESOL practice. The course is tailored to cater to the needs of participants who as yet have no teaching experience, as well as to the needs of participants with experience but no recognised initial teaching qualification. The subjects are designed for those with teacher qualifications and experience, particularly in the field of TESOL. The course features flexible study options with classes held at times suitable for full-time workers. Students who receive a minimum of 24 credit points of credit recognition may complete the course by distance, but only if relevant distance subjects are selected. The course explicitly meets the needs of students and educators in the following contexts: working with migrants and Indigenous students across all levels of education teachers wishing to change discipline areas teaching English in countries outside of Australia international students wishing to study TESOL at master's level.
Autumn semester 57031 Non-fiction Writing 57061 Issues in Documentary Spring semester 57162 Memory and Life Writing Select 8 credit points of electives Year 2 Autumn semester Select 16 credit points of electives Spring semester 57163 Non-fiction Project Development Year 3 Autumn semester 57164 Non-fiction Writing Project Spring commencing, part time Year 1 Spring semester 57031 Non-fiction Writing	8cp 8cp 8cp 16cp 8cp	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with skills and in-depth knowledge in the areas of teaching practice, pedagogical grammars, global Englishes, discourse analysis, phonology and pronunciation, language teaching technologies, language development, language for specific purposes and more. This course is designed for those who wish to pursue a specialist area and to understand in more detail the theoretical basis of TESOL practice. The course is tailored to cater to the needs of participants who as yet have no teaching experience, as well as to the needs of participants with experience but no recognised initial teaching qualification. The subjects are designed for those with teacher qualifications and experience, particularly in the field of TESOL. The course features flexible study options with classes held at times suitable for full-time workers. Students who receive a minimum of 24 credit points of credit recognition may complete the course by distance, but only if relevant distance subjects are selected. The course explicitly meets the needs of students and educators in the following contexts: • working with migrants and Indigenous students across all levels of education • teachers wishing to change discipline areas • teaching English in countries outside of Australia • international students wishing to study TESOL at master's level.
Autumn semester 57031 Non-fiction Writing 57061 Issues in Documentary Spring semester 57162 Memory and Life Writing Select 8 credit points of electives Year 2 Autumn semester Select 16 credit points of electives Spring semester 57163 Non-fiction Project Development Year 3 Autumn semester 57164 Non-fiction Writing Project Spring commencing, part time Year 1 Spring semester 57031 Non-fiction Writing 57162 Memory and Life Writing	8cp 8cp 8cp 16cp 8cp	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with skills and in-depth knowledge in the areas of teaching practice, pedagogical grammars, global Englishes, discourse analysis, phonology and pronunciation, language teaching technologies, language development, language for specific purposes and more. This course is designed for those who wish to pursue a specialist area and to understand in more detail the theoretical basis of TESOL practice. The course is tailored to cater to the needs of participants who as yet have no teaching experience, as well as to the needs of participants with experience but no recognised initial teaching qualification. The subjects are designed for those with teacher qualifications and experience, particularly in the field of TESOL. The course features flexible study options with classes held at times suitable for full-time workers. Students who receive a minimum of 24 credit points of credit recognition may complete the course by distance, but only if relevant distance subjects are selected. The course explicitly meets the needs of students and educators in the following contexts: • working with migrants and Indigenous students across all levels of education • teachers wishing to change discipline areas • teaching English in countries outside of Australia • international students wishing to study TESOL at master's level. Course aims The course aims to produce TESOL teachers who are knowledgeable, reflective and engaging in their practice, have well developed
Autumn semester 57031 Non-fiction Writing 57061 Issues in Documentary Spring semester 57162 Memory and Life Writing Select 8 credit points of electives Year 2 Autumn semester Select 16 credit points of electives Spring semester 57163 Non-fiction Project Development Year 3 Autumn semester 57164 Non-fiction Writing Project Spring commencing, part time Year 1 Spring semester 57031 Non-fiction Writing 57162 Memory and Life Writing Year 2	8cp 8cp 8cp 16cp 8cp	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with skills and in-depth knowledge in the areas of teaching practice, pedagogical grammars, global Englishes, discourse analysis, phonology and pronunciation, language teaching technologies, language development, language for specific purposes and more. This course is designed for those who wish to pursue a specialist area and to understand in more detail the theoretical basis of TESOL practice. The course is tailored to cater to the needs of participants who as yet have no teaching experience, as well as to the needs of participants with experience but no recognised initial teaching qualification. The subjects are designed for those with teacher qualifications and experience, particularly in the field of TESOL. The course features flexible study options with classes held at times suitable for full-time workers. Students who receive a minimum of 24 credit points of credit recognition may complete the course by distance, but only if relevant distance subjects are selected. The course explicitly meets the needs of students and educators in the following contexts: working with migrants and Indigenous students across all levels of education teachers wishing to change discipline areas teaching English in countries outside of Australia international students wishing to study TESOL at master's level. Course aims The course aims to produce TESOL teachers who are knowledgeable, reflective and engaging in their practice, have well developed interpersonal skills, are keen to put current developments in learning
Autumn semester 57031 Non-fiction Writing 57061 Issues in Documentary Spring semester 57162 Memory and Life Writing Select 8 credit points of electives Year 2 Autumn semester Select 16 credit points of electives Spring semester 57163 Non-fiction Project Development Year 3 Autumn semester 57164 Non-fiction Writing Project Spring commencing, part time Year 1 Spring semester 57031 Non-fiction Writing 57162 Memory and Life Writing Year 2 Autumn semester	8cp 8cp 8cp 16cp 8cp 16cp	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with skills and in-depth knowledge in the areas of teaching practice, pedagogical grammars, global Englishes, discourse analysis, phonology and pronunciation, language teaching technologies, language development, language for specific purposes and more. This course is designed for those who wish to pursue a specialist area and to understand in more detail the theoretical basis of TESOL practice. The course is tailored to cater to the needs of participants who as yet have no teaching experience, as well as to the needs of participants with experience but no recognised initial teaching qualification. The subjects are designed for those with teacher qualifications and experience, particularly in the field of TESOL. The course features flexible study options with classes held at times suitable for full-time workers. Students who receive a minimum of 24 credit points of credit recognition may complete the course by distance, but only if relevant distance subjects are selected. The course explicitly meets the needs of students and educators in the following contexts: • working with migrants and Indigenous students across all levels of education • teachers wishing to change discipline areas • teaching English in countries outside of Australia • international students wishing to study TESOL at master's level. Course aims The course aims to produce TESOL teachers who are knowledgeable, reflective and engaging in their practice, have well developed
Autumn semester 57031 Non-fiction Writing 57061 Issues in Documentary Spring semester 57162 Memory and Life Writing Select 8 credit points of electives Year 2 Autumn semester Select 16 credit points of electives Spring semester 57163 Non-fiction Project Development Year 3 Autumn semester 57164 Non-fiction Writing Project Spring commencing, part time Year 1 Spring semester 57031 Non-fiction Writing 57162 Memory and Life Writing Year 2 Autumn semester 57061 Issues in Documentary Select 8 credit points of electives Spring semester	8cp 8cp 8cp 16cp 8cp 8cp 8cp	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with skills and in-depth knowledge in the areas of teaching practice, pedagogical grammars, global Englishes, discourse analysis, phonology and pronunciation, language teaching technologies, language development, language for specific purposes and more. This course is designed for those who wish to pursue a specialist area and to understand in more detail the theoretical basis of TESOL practice. The course is tailored to cater to the needs of participants who as yet have no teaching experience, as well as to the needs of participants with experience but no recognised initial teaching qualification. The subjects are designed for those with teacher qualifications and experience, particularly in the field of TESOL. The course features flexible study options with classes held at times suitable for full-time workers. Students who receive a minimum of 24 credit points of credit recognition may complete the course by distance, but only if relevant distance subjects are selected. The course explicitly meets the needs of students and educators in the following contexts: • working with migrants and Indigenous students across all levels of education • teachers wishing to change discipline areas • teaching English in countries outside of Australia • international students wishing to study TESOL at master's level. Course aims The course aims to produce TESOL teachers who are knowledgeable, reflective and engaging in their practice, have well developed interpersonal skills, are keen to put current developments in learning and teaching into practice, and have a commitment to lifelong
Autumn semester 57031 Non-fiction Writing 57061 Issues in Documentary Spring semester 57162 Memory and Life Writing Select 8 credit points of electives Year 2 Autumn semester Select 16 credit points of electives Spring semester 57163 Non-fiction Project Development Year 3 Autumn semester 57164 Non-fiction Writing Project Spring commencing, part time Year 1 Spring semester 57031 Non-fiction Writing 57162 Memory and Life Writing Year 2 Autumn semester 57061 Issues in Documentary Select 8 credit points of electives	8cp 8cp 8cp 16cp 8cp 16cp	to gain a specialist degree in the field as they are eligible for credit recognition. The course consists of subjects that equip teachers with skills and in-depth knowledge in the areas of teaching practice, pedagogical grammars, global Englishes, discourse analysis, phonology and pronunciation, language teaching technologies, language development, language for specific purposes and more. This course is designed for those who wish to pursue a specialist area and to understand in more detail the theoretical basis of TESOL practice. The course is tailored to cater to the needs of participants who as yet have no teaching experience, as well as to the needs of participants with experience but no recognised initial teaching qualification. The subjects are designed for those with teacher qualifications and experience, particularly in the field of TESOL. The course features flexible study options with classes held at times suitable for full-time workers. Students who receive a minimum of 24 credit points of credit recognition may complete the course by distance, but only if relevant distance subjects are selected. The course explicitly meets the needs of students and educators in the following contexts: • working with migrants and Indigenous students across all levels of education • teachers wishing to change discipline areas • teaching English in countries outside of Australia • international students wishing to study TESOL at master's level. Course aims The course aims to produce TESOL teachers who are knowledgeable, reflective and engaging in their practice, have well developed interpersonal skills, are keen to put current developments in learning and teaching into practice, and have a commitment to lifelong

Year 3

Course program

Career options

Career options include a teacher of English as a second language in Australia or a teacher of English in overseas contexts (applicants are advised to check with potential employing bodies regarding employment requirements).

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

 $The \, English \, proficiency \, requirement \, for \, international \, students \, or \, local \,$ applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: B; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances

Applications

Local students

Local applicants apply through the Universities Admissions Centre.

Credit recognition

Graduates of the Graduate Certificate in Teaching English to Speakers of Other Languages (C11223) (see page 463), or equivalent teaching qualification (such as a primary or secondary school teaching qualification or an adult education teaching qualification), are eligible for 24 credit points of credit recognition.

Graduates of the Graduate Diploma in Teaching English to Speakers of Other Languages (C07118) (see page 417), or equivalent postgraduate teaching qualification, are eligible for 48 credit points of credit recognition.

Course duration and attendance

The course is offered on a one-and-a-half-year, full-time or three-year, part-time basis.

Students who receive a minimum of 24 credit points of credit recognition may complete the course by distance, but only if relevant distance subjects are selected.

The subjects in STM90529 are run in standard weekly mode for TESOL students, except for 010071 Professional Practice 2 Language Literacy and Numeracy, which is run in block mode.

Course structure

The course comprises 72 credit points, made up of five compulsory core subjects (totalling 30 credit points) and seven elective subjects (totalling 42 credit points).

Industrial training/professional practice

There is a practicum placement for subjects 010070 Professional Practice 1 Language Literacy and Numeracy and 010071 Professional Practice 2 Language Literacy and Numeracy.

Course completion requirements

013952	Research Perspectives	6ср
CBK90831	Electives (TESOL)	42cp
STM90529	Core subjects (TESOL)	24cp
	,	Total 72cp

Course program

The following examples show typical full-time and part-time programs for qualified teachers with credit recognition, and without credit recognition for those seeking an initial teaching qualification. Qualified teachers who receive a minimum of 24 credit points of credit recognition may complete the course by distance, but only if relevant distance subjects are selected.

Seeking a recognition	an initial teaching qualification (no credit on), FT	
Year 1		
Autumn se	emester	
013102 013958 010070 010071	Introduction to Language Language Teaching Methodology Professional Practice 1 Language Literacy and Numeracy Professional Practice 2 Language Literacy and Numeracy	6cp 6cp 6cp
Spring ser Select 24 c	nester redit points of electives	24cp
Year 2		
Autumn se 013952	emester Research Perspectives	6ср
Select 18 c	redit points of electives	18cp
Teaching FT	qualification graduates with credit recogn	ition,
Year 1		
Autumn se 013952	emester Research Perspectives	6ср
Select 18 c	redit points of electives	18cp
Spring ser Select 24 c	nester redit points of electives	24cp
Seeking a	nn initial teaching qualification (no credit on), PT	
Year 1		
Autumn se	emester Professional Practice 1 Language Literacy and	

Autumn se	emester	
010070	Professional Practice 1 Language Literacy and Numeracy	6ср
013958	Language Teaching Methodology	6ср
Spring ser	nester	
010071	Professional Practice 2 Language Literacy and Numeracy	6ср
013102	Introduction to Language	6cp
Year 2		
Autumn se	emester	
Select 12 c	redit points of electives	12cp
Spring ser	nester	
	redit points of electives	12cp
Year 3		
Autumn se	emester	
013952	Research Perspectives	6ср
Select 6 cre	edit points of electives	6ср
Spring ser	nester	
	redit points of electives	12cp

Teaching qualification graduates with credit recognition,

Year 1

Autumn semester Select 12 credit points of electives	12cp
Spring semester Select 12 credit points of electives	12cp
Year 2	
Autumn semester 013952 Research Perspectives	6ср
Select 6 credit points of electives	6ср
Spring semester Select 12 credit points of electives	12cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Teaching English to Speakers of Other Languages (C11223) (see page 463), the Graduate Diploma in Teaching English to Speakers of Other Languages (C07118) (see page 417) and the Master of Arts in Teaching English to Speakers of Other Languages.

Other information

Further information is available from UTS: Education at:

www.education.uts.edu.au

Local and current students:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Future international students:

telephone 1800 774 816 (freecall within Australia)

+61 3 9627 4816 (from outside Australia)

www.uts.internationalstudent.info/Register.aspx

C04246v1 Master of Health Services Management and Planning

Award(s): Master of Health Services Management and Planning (MHSMPlan)

UAC code: 942811 (Autumn semester), 945811 (Spring semester)

CRICOS code: 071627K

Commonwealth-supported place?: No

Load credit points: 96 Course EFTSL: 2 Location: City campus

Note(s)

This course offers a mid-year intake for local and international students.

Overview

This is a comprehensive course in health services planning and management and aims to expand students' knowledge and future career opportunities. The course develops students' knowledge and skills, which leads to an enhanced capacity to plan and manage health services in a diverse range of health settings.

Graduates of this course are exposed to academic and industry leaders who share their experience and knowledge to facilitate insight into the contemporary health service management environment.

Course aims

This course is designed to prepare new, aspiring, and middle health service planners and managers to assume a leadership role in the strategic and operational management of a wide range of health services and facilities. The content aims to develop skills in planning and evaluating health services, understanding health needs, and managing people, resources, systems and processes within health services to meet the changing needs of communities, clinicians, governments and organisations.

Career options

Career options include positions as managers and/or planners in health authorities, hospitals, primary and community care, aged care services and other healthcare facilities in the public, private, not-for-profit, government and non-government health sectors.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

This evidence may include extensive relevant work experience in a health or human services field.

Applicants must have at least one year's full-time equivalent experience in a medium to large organisation, preferably in the health or human services area. Work experience undertaken in small

work settings (e.g. private practice settings with a small number of professionals) or as part of intern requirements are not accepted.

Applicants who do not have an undergraduate degree but who have extensive relevant work experience in a health or human services field and can demonstrate the capacity to undertake tertiary study may also be considered eligible.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course duration is two years of full-time or four years of parttime study.

Subjects are offered via on-campus study. Part-time students usually study two subjects a semester and full-time students usually study four subjects a semester.

Course structure

Students must complete a total of 96 credit points, comprising 14 core subjects offered by UTS: Health and UTS: Business and two electives offered by UTS: Health and UTS: Design, Architecture and Building. Students who wish to undertake an elective that is not listed should seek advice from UTS: Health.

Course completion requirements

CBK90397	Electives	12cp
STM90535	Core subjects (Health Services Management	-1
	and Planning)	66cp
STM90713	Core subjects	18cp
	,	Total 96cp

Course program

Example programs are shown below.

Autumn commencing, full time

Year 1

21720

Autumn semester

92606	Issues in Australian Health Services		6cp
92847	Planning and Evaluating Health Services		6ср
92917	Using Health Care Data for Decision Making		6cp
Spring se	emester		
92023	Health Services Resource Management		6ср
92296	Epidemiology and Population Health		6ср
92887	Organisational Management in Health Care		6ср
Select 6 c	redit points from the following options:		6ср
CBK9039	7 Electives	12cp	-

6ср

Human Resource Management

Year 2

Autumn semester

92050	Policy, Power and Politics in Health Care		6ср
92297	Health Systems and Change		6ср
26703	Introductory Health Economics		6ср
92946	Project Part A		6ср
Spring ser	nester		
92051	Health Services Management and Legal Issu	ues	6ср
92295	Advanced Health Services Planning		6ср
92603	Managing Quality, Risk and Cost in Health	Care	6ср
Select 6 cr	edit points from the following options:		6ср
CBK90397	' Electives	12cp	-

Spring commencing, full time

Year 1			
Spring ser 92296 92606 92917 92887	mester Epidemiology and Population Health Issues in Australian Health Services Using Health Care Data for Decision Making Organisational Management in Health Care	6cp 6cp 6cp 6cp	
Year 2			
Autumn so 92847 26703 92297 21720	emester Planning and Evaluating Health Services Introductory Health Economics Health Systems and Change Human Resource Management	6cp 6cp 6cp 6cp	
Spring ser 92051 92603 92023 92295	Mester Health Services Management and Legal Issues Managing Quality, Risk and Cost in Health Care Health Services Resource Management Advanced Health Services Planning	6cp 6cp 6cp 6cp	
Year 3			
Autumn se 92050 92946	emester Policy, Power and Politics in Health Care Project Part A	6ср 6ср	
Select 12 c CBK90396	redit points from the following options: Electives 12cp	12cp	
Autumn	commencing, part time		
Year 1			
Autumn se 92606 92917	emester Issues in Australian Health Services Using Health Care Data for Decision Making	6ср 6ср	
Spring ser 92296 92887	mester Epidemiology and Population Health Organisational Management in Health Care	6ср 6ср	
Year 2			
Autumn se 21720 92847	emester Human Resource Management Planning and Evaluating Health Services	6ср 6ср	
Spring ser 92023 92051	mester Health Services Resource Management Health Services Management and Legal Issues	6ср 6ср	
Year 3			
Autumn se 26703 92297	emester Introductory Health Economics Health Systems and Change	6ср 6ср	
Spring ser 92603 92946	mester Managing Quality, Risk and Cost in Health Care Project Part A	6ср 6ср	
Year 4			
Autumn se 92050	emester Policy, Power and Politics in Health Care	6ср	
Select 6 cro CBK90397	edit points from the following options: ' Electives 12cp	6ср	
Spring ser 92295	mester Advanced Health Services Planning	6ср	
Select 6 cr CBK90397	edit points from the following options: ' Electives 12cp	6ср	
Destace	ional recognition		

Professional recognition

Australasian College of Health Service Management (ACHSM)

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Dr Jennifer Bichel-Findlay

Course Coordinator

email Jennifer.Bichel-Findlay@uts.edu.au

www.nmh.uts.edu.au

C04247v1 Master of Midwifery

Award(s): Master of Midwifery (MMid)

Master of Midwifery in Health Research (MMid)

UAC code: 942800 (Autumn semester), 942801 (Health Research) (Autumn semester), 945800 (Spring semester), 945801 (Health Research) (Spring

CRICOS code: Pending

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Note(s)

Students admitted to the Master of Midwifery (Conversion) before 2011 should refer to the course entry in the 2010 handbook.

This course is not offered to international students.

Overview

This course aims to provide registered midwives with an opportunity to develop both their practice and professional roles and to develop the skills, attitudes and knowledge to meet the developing role of a midwife. In addition, the course aims to provide students with an avenue through which to further their clinical, research, teaching, leadership and / or management roles. The course is designed to offer students the opportunity to customise their program to meet personal learning needs or workplace requirements.

The course enhances the professional development of the midwife through the investigation of varied theoretical perspectives pertinent to midwifery issues. Students develop a complex understanding of issues related to interdisciplinary collaboration in the development of maternity services, and engage in critical thinking in order to inform clinical judgment and decision-making within the midwifery context of woman-centred practice. Recognising and building on extensive midwifery practice, the course prepares students as scholars, leaders and change agents within midwifery.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants must hold current registration as a midwife in Australia.

Registered midwives who have completed a certificate in midwifery leading to registration as a midwife or completed a graduate diploma in midwifery or equivalent leading to registration as a midwife are also considered eligible.

Where large numbers of applicants are eligible for admission to any of the faculty's courses and places are limited, preference is given on the basis of:

- general educational qualifications
- previous academic grades, and
- CV which demonstrates professional experience and activities, e.g. post-registration certificates and scholarly activities such as research and publications.

Applicants to the Master of Midwifery in Health Research must have completed four subjects (24 credit points) at the postgraduate level (excluding the core subjects in the Health Research major).

Students' current midwifery registration will be confirmed via the National Register of Practitioners at:

www.ahpra.gov.au/Registration/Registers-of-Practitioners.aspx Students should ensure that details of their registration are up-todate on this register.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

Credit recognition

Students who hold an existing Graduate Diploma in Midwifery are eligible to apply for credit recognition in the form of exemptions from four specified subjects (24 credit points).

Course duration and attendance

The course is offered on a one-and-a-half-year, full-time or three-year, part-time basis.

Course completion requirements

Select 72 credit points from the following options:	72cp
STM90530 Level 1 subjects (Midwifery)	24cp
STM90531 Level 2 subjects (Midwifery)	24cp
STM90532 Level 3 subjects (Midwifery)	24cp
MAJ06215 Health Research	72cp
	Total 72cp

Course program

Autumn semester

An example course program is shown below.

Autumn commencing, part time

Year 1

92020 92927	Midwifery in Context Evidence-based Practice (Midwifery)		6ср 6ср
Spring ser			,
92021 92620	Perinatal Mental Health Family and Community Health Practice		6cp 6cp
Year 2			
Autumn se	emester		
92925	Models of Midwifery Care		6ср
92050 Policy, Power and Politics in Health Care			6ср
Spring ser	nester		
92018	Building Resilience in Mothers and Midwive	S	6ср
92612	Research in Health		6ср
Year 3			
Autumn se	emester		
92946	Project Part A		6ср
Select 6 cre	edit points from the following options:		6ср
CBK90903	Electives (Midwifery)	6ср	-
Spring ser	nester		
92938	Midwifery Practice Development		6ср

Other information

Further information is available from:

CBK90904 Electives (Midwifery)

Select 6 credit points from the following options:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Maralyn Foureur

Course coordinator

telephone +61 2 9514 4914

email Maralyn.Foureur@uts.edu.au

www.health.uts.edu.au

C04248v1 Master of Media Arts and Production

Award(s): Master of Media Arts and Production (MMAP) UAC code: 942503 (Autumn semester), 945503 (Spring semester)

CRICOS code: 032718G

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Overview

This course is designed for graduates in media production, or those with significant experience in the field, to allow them to advance their skills and theoretical understanding of the consumption and production of media products. The course further develops professional, specialised skills and knowledge in at least one area of media production: digital media, sound, interaction and moving image. With guidance from faculty experts, students can also create a major piece of production work in film, video, sound, radio, digital media, performance or installation.

Course aims

This course aims to provide students with the opportunity to develop advanced production and conceptual skills in media production. Through the research and production of a creative project, students increase their capacity for developing independent, creative and innovative projects. The course gives students the option to experience the creative and technical development of a significant production, or to focus their skills in one key area of the media industries.

Career options

Career options include taking part in a creative team as writer, producer, director, or working in particular roles in production and post-production of moving image, sound, digital media and interaction. Graduates have the capacity and experience to develop, initiate and produce their own media projects.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who have completed a bachelor's, graduate diploma or master's in any field of study or a graduate certificate in a related field of study can apply. Applicants who do not possess the relevant qualification must submit a CV and personal statement outlining their educational and professional achievements.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

6cp

12cp

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students who have successfully completed the graduate certificate or the graduate diploma in the articulated program are eligible for credit recognition for completed subjects.

Course duration and attendance

The course is one-and-a-half years of full-time or two-and-a-half years of part-time study.

Course structure

Students complete 72 credit points of study made up of three core subjects and six elective/sub-major subjects.

Full-time students are required to undertake 24 credit points a semester. Part-time students should undertake 8 or 16 credit points a semester.

8cp

Course completion requirements

CBK90800 Electives/Sub-major (MAP) 48cp STM90555 Core subjects (Media Arts and Production) 24cp Total 72cp

Course program

Below are examples of typical programs for full- and part-time students. Students can choose to complete core subjects and elective/ sub-major subjects in any order, however, prerequisites may apply.

Students considering enrolling in the Journalism or Screenwriting sub-major should commence their sub-major as soon as possible or in their second semester, so as to satisfy all prerequisite requirements and to complete on time.

Autumn commencing, full time

Year 1

Autumn se	emester	
57167	Moving Image	8cp
57989	Mise-en-Scene	8cp
57168	Sound and Interaction	8cp
Spring ser	mester redit points of electives	24 <i>c</i> n
Select 24 C	realt points of electives	24cp

Year 2

Autumn semester	
Select 24 credit points of electives	24cp

Autumn commencing, part time

Select 8 credit points of electives

Year 1

icui i				
Autumn	semester			
57167	Moving Image		8cp	
57989	Mise-en-Scene		8cp	
Spring se	Spring semester			
Select 8 credit points of electives		8cp		
Year 2				
Autumn	semester			
57168	Sound and Interaction		8ср	

Select 8 credit points of electives **Year 3**

Spring semester

Autumn semester Select 16 credit points of electives	16cp
Spring semester Select 8 credit points of electives	8ср
Spring commencing, full time	
V 4	

Year 1

57167

Spring semester

Select 16 credit points of electives		16cp
Year 2		
Autumn	semester	
57168	Sound and Interaction	8ср
57989	Mise-en-Scene	8cp
Select 8 credit points of electives		8cp
Spring se	emester	

Select 24 credit points of electives Spring commencing, part time

Moving Image

Year 1

Spring semester			
57167	Moving Image	8cp	
Select 8 cre	edit points of electives	8cp	

Year 2

Autumn	semester	
57168 57989	Sound and Interaction Mise-en-Scene	8cp 8cp
Spring s Select 8 o	emester credit points of electives	8cp
Year 3		
	semester credit points of electives	16ср
Spring s	emester	

Year 4

Autumn semester	
Select 8 credit points of electives	8cr

Articulation with UTS courses

Select 8 credit points of electives

This course is part of an articulated program comprising the Graduate Certificate in Media Arts and Production (C11227) (see page 465), the Graduate Diploma in Media Arts and Production (C07120) (see page 420) and the Master of Media Arts and Production.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C04249v1 Master of Arts in Training and Human Resource Development

Award(s): Master of Arts (MA) Commonwealth-supported place?: No Load credit points: 48 Course EFTSL: 1 Location: Hong Kong

Note(s)

8cp

8cp

8cp

24cp

This is an offshore course offered in Hong Kong. Students wanting to study in Australia should apply for the equivalent onshore course, the Master of Arts (C04231) (see page 347).

Overview

This course is intended for those who wish to develop their knowledge and competence in the theory and practice of management and leadership in international training and educational resources.

This course has been designed to meet the educational needs of training professionals and human resource development managers. The subjects are drawn from the general masters-level subject bank and have been selected to offer a specific focus on human resource development. Students study the same core subjects as students enrolled in the Master of Arts (no specified major) (C04231) (see page 347). It is ideally suited to those seeking a qualification for strategic positions in learning and development units, human resource management, vocational and workplace policy, organisational learning areas, and those who are responsible for leading and facilitating formal and informal learning in the workplace.

Course aims

This course aims to:

- provide opportunities for participants to relate new knowledge and skills to their own practice
- promote the notion of the reflective practitioner, i.e. educate participants to critically examine and learn from their professional experience and that of others
- develop strategic ways of analysing practice situations, modes of analysis and research which account for the complexity of HRD practices and reveal ways of working within that complexity
- enable students to consolidate or extend their specialist professional competence as practitioners in fields of practice relating to human resources development

- strengthen students' understanding of the relevant theoretical underpinning, particularly in relation to knowledge about adult learning and development
- enable students to apply new understandings about training, leadership and management to their own professional practice.

Career options

Career options include educational and training leadership roles in various capacities, such as policy making, research, consulting, planning, curriculum development, and management in teaching and learning organisations.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants previous qualifications should be in a related field of study. In addition to the English language requirements detailed below, other acceptable equivalent English language qualifications as approved by UTS Academic Board, are, for example, the successful completion of a UTS recognised course that was taught in English and was equivalent to at least one full time or full time study or evidence of successful completion of a diploma or advanced diploma from TAFE and other private colleges recognised by UTS; or completion of a UTS recognised foundation program with a pass in a unit of study in English for Academic Purposes with a duration of at least one semester.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: B; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course duration is four semesters of full-time or six semesters of part-time study.

Course structure

This degree is awarded on completion of eight 6-credit-point subjects. All subjects are offered in face-to-face mode and delivered through a combination of intensive weekend seminars, study group meetings, self-directed study and online distance support.

Course completion requirements

STM90645 Core subjects	12cp
STM90773 Training and Human Resource Development	36cp
•	Total 48cp

Course program

A typical course program is shown below.

Learning and Change

Year 1

May to July	May to July semester				
013120	The Psychology of Adult Development	6ср			
013122	Understanding Adult Education and Training	6ср			
August to	October semester				
013142	Adult Learning and Program Development	6ср			
013162	Organisational Learning	6ср			
Year 2					
May to July	y semester				
013165	Leading Learning in the Workplace	6ср			
013136	Developing People and Teams	6ср			
August to	August to October semester				
013952	Research Perspectives	6ср			

Professional recognition

Courses in the postgraduate program in UTS: Education have previously been accredited with the Education Board of Hong Kong for over 10 years. UTS has applied for this new course to be accredited with the Hong Kong Education Board so that graduates have a qualification that is recognised in both Hong Kong and Australia. The outcome of this application is anticipated to be known by the end of Semester 1, 2012.

Other information

Further information is available from UTS: Education at:

www.education.uts.edu.au

Local and current students:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Future international students:

telephone 1800 774 816 (freecall within Australia)

+61 3 9627 4816 (from outside Australia)

www.uts.internationalstudent.info/Register.aspx

C04250v1 Juris Doctor Master of Business Administration

Award(s): Master of Business Administration (MBA)

Juris Doctor (JD)

UAC code: 941436 (Summer session), 942436 (Autumn semester), 945436

(Spring semester) CRICOS code: 074765J

CRICUS code: U/4/65J
Commonwealth-supported place?: No

Load credit points: 192 Course EFTSL: 4 Location: City campus

Overview

The Juris Doctor Master of Business Administration (JDMBA) is a graduate law and business degree that builds on the established reputations of UTS: Law and UTS: Business to provide high-calibre, graduate-level education in the theory and practice of the law and business. It is specifically designed for graduates of disciplines other than law.

This course provides students with an integrated exposure to professional practice in both legal and business contexts.

Career options

Career options include, but are not limited to, lawyer within a private firm, government department or community law centre, regulatory affairs and policy adviser in the public or private sector or legal specialisation related to students' previous degree or enhanced career options within an existing professional sphere.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Previous qualifications must be in a discipline other than law or a law qualification from an overseas jurisdiction. Admission is at the discretion of the associate dean (teaching and learning), Faculty of Law

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

6cp

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

013951

Course duration and attendance

The maximum course duration is four years of full-time study. Subjects may also be available in Summer session.

Course structure

The course comprises a total of 192 credit points. The study components for course completion are as follows:

- 96 credit points of compulsory core law subjects (13 subjects)
- 48 credit points of compulsory core business subjects (eight subjects)
- 24 credit points of law options (three subjects)
- 24 credit points of business law sub-major subjects (four subjects).

Industrial training/professional practice

To practise as a lawyer in NSW, students need to successfully complete an accredited legal qualification and an accredited course of practical legal training (PLT), which UTS offers through its PLT program. Students enrolled in the Juris Doctor Master of Business Administration who wish to practise as lawyers in NSW can complete the requirements by undertaking a PLT program, such as the UTS Practical Legal Training Program.

Course completion requirements

STM90742 Core stream	96ср
STM90345 Core subjects	48cp
SMJ09059 Business Law	24cp
CBK90858 Options (JD)	24cp
1	Total 192cp

Course program

Students in the standard full-time program enrol in between 24 and 26 credit points a semester. Core subjects are timetabled every semester. The introductory core law subject 70120 Legal Method and Research and select core subjects may be timetabled in Summer session. Optional subjects are regularly timetabled but not all options are offered in any one semester. Optional subjects are timetabled subject to sufficient student interest. The current timetable can be found at: http://timetable.uts.edu.au Juris Doctor students who wish to study postgraduate law options may apply through e-Request providing evidence of general or professional experience that demonstrates potential to complete the subject at master's level. Example full-time programs are shown below.

Organisational Dialogue: Theory and Practice

6cp

6ср

6ср

12cp

24cp

Autumn commencing, full time

Year 1

21878

Autumn semester

Spring semester

SMJ09059 Business Law

Strategic Management

Select 12 credit points from the following options:

Evidence and Criminal Procedure

21715

70120 70115 70211	Legal Method and Research Perspectives on Law Contracts	6cp 8cp 8cp
Spring semester 21800 Management and Organisations 22747 Accounting for Managerial Decisions 23706 Economics for Management 70218 Criminal Law		6cp 6cp 6cp 8cp
Year 2		
Autumn	semester	
25742 70311 70317	Financial Management Torts Real Property	6cp 8cp 8cp
Spring semester		
70616 70517 70417	Australian Constitutional Law Equity and Trusts Corporate Law	8cp 8cp 8cp
Year 3		
Autumn 70617 21844 24734 70327	semester Administrative Law Managing Work and People Marketing Management Commercial Law	8cp 6cp 6cp 6cp

Year 4

75421

Autumn semester

Civil Litigation

75421 75420	Civil Litigation Ethics and Professional Conduct		6ср 6ср
	edit points from the following options: Business Law	24cp	6ср
Spring ser	nester		
	redit points from the following options: Options (JD)	24cp	24cp
Spring co	mmencing, full time		
Year 1			
Spring ser			
21878	Organisational Dialogue: Theory and Practi	ce	6cp
70120 70115	Legal Method and Research Perspectives on Law		6ср 8ср
70211	Contracts		8ср
Year 2			1
Autumn se	emester		
21800	Management and Organisations		6ср
22747	Accounting for Managerial Decisions		6cp
23706 70218	Economics for Management Criminal Law		6ср 8ср
Spring sen			оср
25742	Financial Management		6ср
70311	Torts		8cp
70317	Real Property		8cp
Year 3			
Autumn se	emester		
70616	Australian Constitutional Law		8cp
70517 70417	Equity and Trusts		8cp
	Corporate Law		8ср
Spring ser 70617	Administrative Law		8ср
21844	Managing Work and People		6ср
24734	Marketing Management		6cp
70327	Commercial Law		6ср
Year 4			
Autumn se	emester		
21715	Strategic Management		6cp
70717	Evidence and Criminal Procedure		6ср
	redit points from the following options: Business Law	24cp	12cp
Spring ser			
75421 75420	Civil Litigation Ethics and Professional Conduct		6ср 6ср
	edit points from the following options: Business Law	24cp	6ср
Year 5			
Autumn se	emester		
	redit points from the following options:		24cp
CBK90858	Options (JD)	24cp	
Levels	of award		
The Iuris I	Doctor component of the IDMBA may be as	varded	with

The Juris Doctor component of the JDMBA may be awarded with honours. An additional year of study is not required. To qualify for honours, a student must complete 78102 LLM Project by Research within CBK90858 Options (JD). The rules governing the Juris Doctor with honours (current and pre-2012) can be found in Postgraduate course information (see page 99) in the handbook. Please consult the Coursework research page on the UTS: Law website for information on how to apply to enrol.

Articulation with UTS courses

Students who completed 8-credit-point postgraduate electives as part of their Juris Doctor (C04236) (see page 354) candidature may apply to have these subjects credited towards the Master of Laws (C04143) (see page 328) or the Doctor of Juridical Science (C02027) (see page 474), up to a maximum of 24 credit points.

Other information

Further information for future students is available from:

telephone +61 2 9514 3660

email law@uts.edu.au

Further information for current students is available from:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C04251v1 Master of Intellectual Property

Award(s): Master of Intellectual Property (MIP)

UAC code: 942433 (distance) (Autumn semester), 945433 (distance) (Spring semester)

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

UTS has established expertise in and a reputation for providing courses relevant to the needs of the patent and trade mark professions. The UTS Master of Intellectual Property is the first at an Australian university that fulfils the entire educational requirements for registration as a registered trade marks attorney and patent attorney in Australia under the relevant regulations.

The unique feature of this course is that it may be undertaken entirely online, removing the need for students to attend face-to-face classes.

Course aims

This course provides graduates with an understanding of the principles of the registered trade mark system, the protection of unregistered marks and related forms of protection against misleading or unfair trading conduct in Australia. In addition, graduates understand the content and implication of a patent specification, enabling them to advise upon possible questions of infringement, validity and compliance.

Career options

Depending on the subjects taken, graduates may seek registration as a trade mark attorney and/or patent attorney in Australia. Arts administrators or media professionals may enhance career options through building expertise in the commercialisation or management of intellectual property assets. Other career options include patent and trade marks attorney, IP lawyer, IP portfolio manager, policy maker and government regulator.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Previous qualifications can be in any discipline. Admission is at the discretion of the associate dean (teaching and learning).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

UTS may grant successful applicants advanced standing or exemption from one or more subjects but the Professional Standards Board for Patent and Trade Marks Attorneys (PSB) has no authority to recognise, for the purpose of registration as a patent attorney or trade marks attorney, such exemptions. Students intending to seek registration

need to seek exemption from the PSB. Exemptions are generally not granted for subjects not primarily directed to Australian law. Further information is available from:

The Secretary

 $Professional\,Standards\,Board\,for\,Patent\,and\,Trade\,Marks\,Attorneys$

PO Box 200

Woden ACT 2606

telephone +61 2 6283 2345

fax +61 2 6285 1048

email mail.psb@ipaustralia.gov.au

www.psb.gov.au

Course duration and attendance

The course can be completed in one-and-a-half years of full-time study or two-and-a-half years of part-time study. Students commencing in Spring semester require an additional semester to complete the course.

Most subjects within this course can be studied by distance online and require no on-campus attendance. All lectures, tutorials, course materials and assessments are distributed by a combination of web-based technology and electronic media. Students conduct all communication with the lecturer by electronic means. A number of subjects are concurrently offered in traditional face-to-face, on-campus format.

Course completion requirements

CBK90711 Choice

48cp Total 48cp

Articulation with UTS courses

Subjects undertaken within the Graduate Certificate in Trade Mark Law and Practice (C11130) (see page 445), Graduate Certificate in Intellectual Property (C11229) (see page 466) and Graduate Diploma in Intellectual Property (C06099) (see page 394) are recognised within the Master of Intellectual Property. Students enrolled in either graduate certificate may apply to internally transfer to the master's program. Candidates are not awarded the graduate certificate but subjects undertaken are applied towards the master's program.

Professional recognition

The educational requirements for registration as a patent attorney and trade marks attorney in Australia with the Australian Government's Professional Standards Board for Patent and Trade Marks Attorneys can be fulfilled by completing this course. Prospective students should check with the Patent Attorney Registration Board for specific subjects required to be completed for registration at:

www.psb.gov.au/patreg.htm

Other information

Further information for future students is available from:

telephone +61 2 9514 3660

email law@uts.edu.au

Further information for current students is available from:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C04252v1 Master of Pharmacy

Award(s): Master of Pharmacy (MPharm) UAC code: 942900 (Autumn semester)

CRICOS code: 074915M

Commonwealth-supported place?: Yes

Load credit points: 120 Course EFTSL: 2.5 Location: City campus

Overview

This course is a focused, professional postgraduate degree leading to eligibility for registration as a pharmacist. The core component provides students with the required detailed knowledge, skills and experience to achieve this. Elective subjects provide students with the opportunity to tailor their study to their individual career focus. The course incorporates a range of subjects relevant to contemporary pharmacy practice, including professional services, integrated therapeutics and the pharmaceutical sciences. Students undertake clinical practice in a variety of settings throughout the degree.

The course is delivered in an integrated, practice-oriented and studentfocused manner, making use of innovative technologies and strong links with the pharmacy profession. After successful completion of this course and a subsequent pre-registration period, students are eligible for registration as a pharmacist.

This course is for students who have completed an undergraduate science or related bachelor's degree and wish to enter the healthcare profession as a pharmacist. This degree not only provides candidates with the knowledge, skills and experience necessary to gain registration, but also prepares them for expanded practice in emerging professional environments, and within changing medical, social, political and regulatory contexts. Candidates have the opportunity to develop leadership skills, gain experience with emerging technologies, and learn from internationally recognised researchers and teachers.

Career options

Career options for registered pharmacists include areas such as: community pharmacy; hospital pharmacy; research and development; the pharmaceutical industry; consultancy; education; government and policy; the armed forces; and non-profit organisations.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants must have also completed the following at a tertiary level:

- two pharmacology subjects
- two chemistry subjects
- one biochemistry subject
- one human physiology subject, and
- one mathematics or statistics subject.

A human biology subject is also desirable.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.5 overall with a 7.0 in each subtest; or TOEFL: paper based: 610-633 overall with TWE of 5.0, internet based: 102-109 overall with a score of 24 for reading and listening, 23 for speaking and 27 for writing; or DEEP: B+; PTE: 73-78 overall with a 65 in each subtest; or CAE: 74-79 Eligibility for admission does not guarantee offer of a place.

International students

Upon graduation, international students intending to apply for provisional registration with the Pharmacy Board of Australia must meet the Pharmacy English Language Skills Registration Standard.

For further information, refer to the following standards:

- Pharmacy English Language Skills Registration Standard
- Pharmacy Implementation of the English Language Skills Registration Standard.

These are available for download at:

www.pharmacyboard.gov.au/Registration-Standards.aspx

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional

Applications

Shortlisted applicants who meet the entry requirements receive a conditional offer and are required to sit an interview.

International students

International students should apply via UTS: International.

Course duration and attendance

The course is an intensive two-year, full-time degree which is equivalent to a three-year degree. In addition to coursework during semesters, students are required to undertake weekly clinical placements during semester and block clinical placements during mid-semester breaks.

Course structure

This course comprises a total of 120 credit points. Students undertake a total of 16 6-credit-point subjects and three clinical subjects (two 6-credit-point subjects and one 12-credit-point subject).

Course completion requirements

STM90755 Core stream	•	108cp
CBK90641 Electives		12cp
		Total 120cp

Course program

A typical course program is provided below.

Year 1

Δπ	tu	mı	าร	em	29	ter
Au	ιu		13	CIII	C 3	ıcı

96001	Introduction to Pharmacy	6ср
96002	Concepts in Pharmaceutical Sciences	6cp
96003	Pharmaceutics	6cp
96004	Professional Services 1	6cp
96015	Clinical Practice 1	6ср

Spring semester

opring semester				
96005	Professional Services 2	6ср		
96006	Integrated Therapeutics 1	6ср		
96007	Drug Disposition	6ср		
96008	Evidence Based Practice	6ср		
96016	Clinical Practice 2	12cp		

Year 2

Autumn semester

96009	Professional Services 3	6ср		
96010	Integrated Therapeutics 2	6ср		
96011	Primary Health Care	6ср		
96017	Clinical Practice 3	6cp		
Select 6 credit points of electives				
Spring competer				

Spring semester

	96012	Professional Services 4	6ср
96013 Integrated Therapeutics 3		Integrated Therapeutics 3	6ср
	96014	Molecule to Market	6ср
Select 6 credit points of electives		edit points of electives	6ср

Professional recognition

Completion of this course followed by a compulsory pre-registration training period and Intern Training Program leads to eligibility for registration with the Pharmacy Board of Australia.

Other information

For further information, contact UTS: Pharmacy: email pharmacy@uts.edu.au www.pharmacy.uts.edu.au

C04254v1 Master of Arts in Communication Management

Award(s): Master of Arts in Communication Management (MA) UAC code: 942509 (Autumn semester), 945509 (Spring semester)

CRICOS code: 018985F

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Overview

The Master of Arts in Communication Management provides advanced contemporary study and practice in professional communication management. It is suitable for current and aspiring practitioners who want to attain the relevant expertise to achieve their career goals. Students can major in the areas of Public Relations, Integrated Communication, or Organisational Change and Communication. Alternatively, students can elect to complete generalist studies which provide a foundation for the broad field of communication management practice.

Academic staff involved in the course have substantial industry experience and have undertaken research in the field.

Course aims

Graduates of this course have:

- advanced understanding of communication and its management
- the ability to synthesise communication theory and practice
- the ability to analyse, design, cost and evaluate a communication strategy

- a sensitivity to ethical and legal issues related to communication
- a capacity to reflect on the roles and responsibilities of communicators
- the capacity to apply perspectives that are intercultural and global, and
- a sensitivity to issues of exclusion, equity and justice.

A full list of the graduate attributes of the course is available from UTS: Communication.

Career options

Career options cover the fields of public relations and communication management, including those positions related to communication advising, community relations, corporate communication, integrated communication, internal communication, international communication, media liaison or public affairs.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who have completed a bachelor's, graduate diploma or master's in any field of study or a graduate certificate in a related field of study can apply. Applicants who do not possess the relevant qualification must submit a CV and personal statement outlining their educational and professional achievements.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students who have successfully completed the Graduate Diploma in Communication Management (C06105) (see page 399), Graduate Diploma in Public Relations (C06103) (see page 398), Graduate Diploma in Integrated Communication (C06101) (see page 395), or the Graduate Diploma in Organisational Change and Communication (C06102) (see page 396) are eligible for credit recognition for completed subjects.

Students who have graduated with a Bachelor of Arts in Communication (Public Communication) (C10248) (see page 256) may be granted up to one third of the postgraduate course in credit recognition. Other relevant qualifications are considered on a case-by-case basis.

Course duration and attendance

The course is offered on a one-and-a-half-year, full-time or equivalent part-time basis.

Course structure

The course totals 72 credit points of study made up of three core foundation subjects (24 credit points), two core master's subjects (16 credit points), a major choice (24 credit points) and an elective (8 credit points).

Students can choose one of three majors, each consisting of three compulsory 8-credit-point subjects, or select No specified major for the generalist course.

The No specified major option includes two compulsory $8\mbox{-}{\rm credit}\mbox{-}{\rm point}$ subjects and an $8\mbox{-}{\rm credit}\mbox{-}{\rm point}$ elective.

Full-time students are required to undertake 24 credit points a semester. Part-time students should undertake 8 or 16 credit points a semester.

Course completion requirements

STM90751	Core foundation subjects	24cp
STM90769	Core masters subjects	16cp
CBK90849	Major choice	24cp
CBK90848	Elective	8cp
		Total 72cp

Course program

Typical course programs are shown below for both full-time and parttime students, commencing in both Autumn and Spring semesters.

Public Relations major - Autumn commencing, full time

Year 1

Autumn semester					
57022 Foundations of Communication 57023 Communicating with Publics 57132 Media Relations					
mester					
Strategic Communication and Negotiation Intercultural and International Communicat Rethinking Media	ion	8cp 8cp 8cp			
emester					
Research for Communication Professionals Managing Public Communication Strategies		8ср 8ср			
edit points from the following options: 3 Elective	8ср	8cp			
	Foundations of Communication Communicating with Publics Media Relations mester Strategic Communication and Negotiation Intercultural and International Communicati Rethinking Media emester Research for Communication Professionals Managing Public Communication Strategies edit points from the following options:	Foundations of Communication Communicating with Publics Media Relations mester Strategic Communication and Negotiation Intercultural and International Communication Rethinking Media emester Research for Communication Professionals Managing Public Communication Strategies edit points from the following options:			

Public Relations major - Spring commencing, full time

Year 1

Spring semester						
57022	Foundations of Communication	8cp				
57023	Communicating with Publics	8cp				
57026	Strategic Communication and Negotiation	8cp				

Year 2

Autumn semester						
	57028	Research for Communication Professionals		8ср		
	57024	Managing Public Communication Strategies		8cp		
	57132	Media Relations		8cp		
	Spring ser	nester				
	57025	Intercultural and International Communicati	on	8ср		
	57182	Rethinking Media		8cp		
	Select 8 cre	edit points from the following options:		8ср		
	CBK90848	Elective	8cp	1		

Public Relations major - Autumn commencing, part time

Year 1

Autuman competen

Autumn semester					
57022	Foundations of Communication	8ср			
57023	Communicating with Publics	8cp			
Spring s	emester				

Select one of t	he following:		8ср
57024	Managing Public Communication		•
	Strategies	8cp	
57025	Intercultural and International	-	
	Communication	8cp	

Year 2

Autumn semester 57132 Media Relations 8cp Select 8 credit points from the following options: 8cp 57028 Research for Communication Professionals 8cp 57024 Managing Public Communication Strategies 8cp CRECORAS Elective 8cp

57028	Research for Communication		
	Professionals	8cp	
57024	Managing Public Communication	_	
	Strategies	8cp	
CBK90848	Elective	8cp	
Spring sen	nester		
Select 8 cre	edit points from the following options:		8ср
57025	Intercultural and International		-
	Communication	8cp	
57026	Strategic Communication and Negotiation	8cp	
CBK90848	Elective	8cp	
		-	

Year 3

Autumn semester

Select 8 credit points from the following options: 8cp

E7029	Personal for Communication			Organizational Change and Communication Caving	
57028	Research for Communication Professionals	8cp		Organisational Change and Communication - Spring commencing, full time	
CBK90848	3 Elective	8cp		Year 1	
Spring se 57182	mester Rethinking Media		8ср	Spring semester	
Select 8 cr	edit points from the following options:		8ср	57022 Foundations of Communication 8 57023 Communicating with Publics 8	8cp
57026 CBK90848	Strategic Communication and Negotiation 3 Elective	8ср 8ср	•		8cp 8cp
Public R	elations major - Spring commencing, pa	rt tim	e	Year 2	
Year 1	,,,,,		_	Autumn semester	0
Spring se	mester				8ср 8ср
57022	Foundations of Communication		8ср	0 _ 0	8cp
57023	Communicating with Publics		8cp	Spring semester	
Year 2					8ср 8ср
Autumn s				0	8ср
Select 8 cr 57132	edit points from the following options: Media Relations	8ср	8cp	CBK90848 Elective 8cp	χp
57028	Research for Communication	оср		Organisational Change and Communication - Autumn	
CBK90848	Professionals	8cp		commencing, part time	
		8cp		Year 1	
Spring se 57025	Intercultural and International Communicat	ion	8ср	Autumn semester	
	edit points from the following options:		8cp		8ср
57026	Strategic Communication and Negotiation	8cp	ocp	57023 Communicating with Publics 8	8ср
57024	Managing Public Communication Strategies	8ср		Spring semester	0
Year 3	Stategies	оср		Select one of the following: 8 57995 Learning in Organisations 8cp	8ср
Autumn s	omostor			57025 Intercultural and International	
	edit points from the following options:		8ср	Communication 8cp	
57132	Media Relations	8cp	1	Year 2	
57028	Research for Communication Professionals	8ср		Autumn semester	0
CBK90848		8cp			8cp
Spring se	mester			Select 8 credit points from the following options: 8 57028 Research for Communication	8ср
57182	Rethinking Media		8cp	Professionals 8cp	
Select 8 cr 57026	edit points from the following options:	0 an	8cp	CBK90848 Elective 8cp	
57024	Strategic Communication and Negotiation Managing Public Communication	8cp		Spring semester Select one of the following:	8ср
	Strategies	8cp		57025 Intercultural and International	χp
Year 4				Communication 8cp 57182 Rethinking Media 8cp	
Autumn s			_	Year 3	
Select 8 cr 57132	edit points from the following options: Media Relations	8ср	8ср		
57028	Research for Communication	оср		Autumn semester 57994 Managing Organisational Communication 8	8ср
CBK90848	Professionals R Flective	8ср 8ср			8ср
		-		57028 Research for Communication	1
	itional Change and Communication - Au cing, full time	tumn		Professionals 8cp CBK90848 Elective 8cp	
Year 1	enig, ratt time			Spring semester	
	omostor				8ср
Autumn s 57022	Foundations of Communication		8ср	57182 Rethinking Media 8cp CBK90848 Elective 8cp	
57023	Communicating with Publics		8cp	1	
57035	Organisational Change and Communication	1	8ср	Organisational Change and Communication - Spring commencing, part time	
Spring se 57995	mester Learning in Organisations		8ср		
57025	Intercultural and International Communicat	ion	8cp	Year 1	
57182	Rethinking Media		8ср	Spring semester 57022 Foundations of Communication 8	8ср
Year 2					8cp
Autumn s			0 -	Year 2	
57028 57994	Research for Communication Professionals Managing Organisational Communication		8ср 8ср	Autumn semester	
	edit points from the following options:		8cp	Select one of the following: 57025 Organisational Change and	8ср
CBK90848		8cp	Г	57035 Organisational Change and Communication 8cp	
				57028 Research for Communication	
				Professionals 8cp	

Spring seme	ster earning in Organisations	8cp	n	Spring se		er e following:		8cn
				5713		Inventive Media Advertising	8ср	8ср
	t points from the following options: ntercultural and International	8сұ	Р	5702	.5	Intercultural and International		
	ommunication	8cp				Communication	8ср	
CBK90848 El	lective	8cp		Year 2				
Year 3				Autumn s				
Autumn sem	ester			Select one 5702		e following: Research for Communication		8ср
	t points from the following options:	8cp	p	3702	.0	Professionals	8ср	
	esearch for Communication rofessionals	8ср		5713		Media Relations	8cp	
	rganisational Change and	•		57996		keting and Corporate Communication		8ср
C CBK90848 El	ommunication	8ср 8ср		Spring se				0
		оср		5702		e following: Intercultural and International		8cp
Spring seme	ethinking Media	8cp	p			Communication	8cp	
	t points from the following options:	8c _I		5713	1	Inventive Media Advertising	8cp	
57025 In	ntercultural and International	ocl	Ρ	Year 3				
	ommunication	8cp		Autumn s				
CBK90848 El	lective	8cp				e following:	0	8cp
Year 4				5713 5702		Media Relations Research for Communication	8cp	
Autumn sem						Professionals	8cp	
57994 M	Ianaging Organisational Communication	8сұ	р	Spring se	mest	er		
	Communication major - Autumn comr	mencing,		57182	Ret	ninking Media		8cp
full time						points from the following options:	0	8cp
Year 1				CBK9084	8 Elec	ctive	8ср	
Autumn sem	ester			Integrat	ed Co	ommunication major - Spring comm	nencin	ıg,
	oundations of Communication	8cp		part tim	е			
	ommunicating with Publics Iarketing and Corporate Communication	8c ₁ 8c ₁		Year 1				
Spring seme		oci	r	Spring se	emest	er		
	nventive Media Advertising	8cp	p	57022		ndations of Communication		8cp
57025 In	ntercultural and International Communicati	ion 8cp	p	57023	Cor	nmunicating with Publics		8ср
57182 R	ethinking Media	8c _I	p	Year 2				
Year 2				Autumn				_
Autumn sem	ester			Select one 5799		e following: Marketing and Corporate		8cp
	esearch for Communication Professionals Iedia Relations	8cp		3177	O	Communication	8ср	
		8c ₁		5702	.8	Research for Communication	0	
CBK90848 El	t points from the following options: lective	8ср	Р	5713	2	Professionals Media Relations	8ср 8ср	
luta mate d	C	1		Spring se			ocp	
full time	Communication major - Spring comm	encing,		57025		rcultural and International Communica	tion	8ср
				57131		entive Media Advertising		8cp
Year 1				Year 3				
Spring seme		9 00		Autumn s	semes	ter		
	oundations of Communication ommunicating with Publics	8c <u>r</u> 8cr				e following:	6	8cp
	nventive Media Advertising	8cr		5713 5702		Media Relations Research for Communication	8cp	
Year 2						Professionals	8ср	
Autumn sem	ester			5799	6	Marketing and Corporate Communication	0	
	esearch for Communication Professionals	8cp		Ci			8cp	
	ledia Relations Iarketing and Corporate Communication	8c ₁ 8c ₁		Spring se 57182		er ninking Media		8ср
Spring seme		ocl	Ρ			points from the following options:		8ср
	ntercultural and International Communicati	ion 8cp	p	CBK9084			8ср	оср
	ethinking Media	8cr		Year 4			_	
	t points from the following options:	8cp	р	Autumn	semes	iter		
CBK90848 El	lective	8cp				points from the following options:		8ср
Integrated	Communication major - Autumn comr	mencing,		57028	Res	earch for Communication	C	1
part time				57996		fessionals keting and Corporate	8cp	
Year 1					Cor	nmunication	8ср	
Autumn sem	ester			57132	Med	dia Relations	8cp	
57022 Fo	oundations of Communication	8cp						
	ammunicating with Dublica	Scr	n					
57023 C	ommunicating with Publics	8сұ	Р					

No specif	ied major - Autumn commencing, full ti	ime		Spring semester	
Year 1	rea major Autumi commencing, rate of			57025 Intercultural and International Communication	8ср
Autumn se	emester			Select 8 credit points from the following options:	8cp
57022 57023	Foundations of Communication Communicating with Publics		8ср 8ср	57182 Rethinking Media 8cp CBK90848 Elective 8cp	
	of the following:		8cp	Year 3	
57028	Research for Communication Professionals	8ср		Autumn semester	0 000
57035		8ср		Select one of the following: 57035 Organisational Change and Communication 8cp	8cp
Spring ser	nester			57028 Research for Communication	
57025	Intercultural and International Communicat	ion	8cp	Professionals 8cp	Q _c m
57182	Rethinking Media		8cp	Select 8 credit points from the following options: CBK90848 Elective 8cp	8cp
57024	edit points from the following options: Managing Public Communication		8ср	Spring semester	
CBK90848	Strategies	8cp		Select 8 credit points from the following options:	8cp
	Elective	8cp		57182 Rethinking Media 8cp CBK90848 Elective 8cp	
Year 2	·····			No specified major - Spring commencing, part time	
Autumn se Select one	of the following:		8ср	Year 1	
57035	Organisational Change and		оср		
57028	Communication Research for Communication	8cp		Spring semester 57022 Foundations of Communication	8ср
0,020	Professionals	8cp		57023 Communicating with Publics	8cp
	redit points from the following options:		16cp	Year 2	
57024	Managing Public Communication Strategies	8ср		Autumn semester	
CBK90848		8cp		57024 Managing Public Communication Strategies	8cp
No specif	ied major - Spring commencing, full tin	ne		Spring semester 57025 Intercultural and International Communication	0
Year 1					8cp
Spring ser	nester			Year 3	
57022	Foundations of Communication		8cp	Autumn semester Select one of the following:	8ср
57023	Communicating with Publics		8cp	57035 Organisational Change and	оср
Select 8 cm 57025	edit points from the following options: Intercultural and International		8ср	Communication 8cp 57028 Research for Communication	
	Communication	8cp		Professionals 8cp	
CBK90848	Elective	8cp		Select 8 credit points from the following options:	8cp
Year 2				CBK90848 Elective 8cp	
Autumn se 57028	emester Research for Communication Professionals		8ср	Spring semester 57182 Rethinking Media	8ср
57035	Organisational Change and Communication	L	8cp	Select 8 credit points from the following options:	8ср
	edit points from the following options:	0	8cp	CBK90848 Elective 8cp	ocp
CBK90848		8ср		Year 4	
Spring ser 57182	nester Rethinking Media		8ср	Autumn semester	
57024	Managing Public Communication Strategies		8cp	Select 8 credit points from the following options: 57035 Organisational Change and Communication 8cp	8ср
	edit points from the following options:		8cp	57028 Research for Communication	
57025	Intercultural and International Communication	8ср		Professionals 8cp CBK90848 Elective 8cp	
CBK90848	Elective	8cp		Articulation with UTS courses	
No specif	ied major - Autumn commencing, part t	time		This course is part of an articulated program comprising the N	//aster
Year 1				of Arts in Communication Management, Graduate Diplo	ma in
Autumn se	emester			Communication Management (C06105) (see page 399), Gra Diploma in Public Relations (C06103) (see page 398), Gra	duate
57022	Foundations of Communication		8cp	Diploma in Integrated Communication (C06101) (see page 395), and
57023	Communicating with Publics		8ср	the Graduate Diploma in Organisational Change and Communi (C06102) (see page 396).	cation
Spring ser 57024	nester Managing Public Communication Strategies		8cn		
	Wanaging Lubile Communication Strategies	,	8cp	Professional recognition	om ont
Year 2	mastar			Courses in the postgraduate program in Communication Managat UTS have been accredited with the Public Relations Ins	
Autumn se Select one	of the following:		8ср	of Australia (PRIA) for over 20 years. The Master of A	
57028	Research for Communication	0	1	Communication Management is accredited with PRIA and grachave an accelerated path to professional membership.	aaaes
57035	Professionals Organisational Change and	8ср		Other information	
	Communication	8cp		Further information is available from the UTS Student Centre	on:
				telephone 1300 ask UTS (1300 275 887)	
				or +61 2 9514 1222	
				Ask UTS www.ask.uts.edu.au	

C04258v1 Master of Business in Finance Extended

Award(s): Master of Business in Finance (MBus)

CRICOS code: 077375K

Commonwealth-supported place?: No

Load credit points: 96 Course EFTSL: 2

Overview

The Master of Business in Finance provides a comprehensive range of skills and expertise expected of leading practitioners in the banking and finance sectors

The finance program provides participants with the opportunity to acquire knowledge of finance theory and techniques for leading-edge professional practice purposes. The additional elective subject choices provide an opportunity to specialise more deeply in the finance discipline and to further enhance students' skills, professional practice, specialist knowledge and capabilities.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Applicants with a relevant graduate certificate must have completed it with at least a credit average.

Credit recognition

Students may be granted a maximum of eight subject exemptions, of which four core subjects may be approved from prior undergraduate study.

Course duration and attendance

The course is two years of full-time or four years of part-time study.

Course structure

The course comprises 96 credit points, made up of eleven core subjects (totalling 66 credit points) plus elective subjects (totalling 30 credit points).

Course completion requirements

	· · · · · · · · · · · · · · · · · · ·	
21878	Organisational Dialogue: Theory and Practice	6ср
25705	Financial Modelling and Forecasting	6ср
25741	Capital Markets	6ср
25721	Investment Management	6ср
22747	Accounting for Managerial Decisions	6ср
23706	Economics for Management	6ср
25742	Financial Management	6ср
25765	Corporate Finance	6ср
25731	International Finance	6ср
25743	Corporate Financial Analysis	6ср
25751	Financial Institution Management	6ср
CBK90884	Electives (MBus Finance Extended)	30cp
		Total 96cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Finance (C11027) (see page 425), the Graduate Diploma in Finance (C07021) (see page 404) and the Master of Business in Finance (C04048) (see page 307).

Professional recognition

This course covers a broad range of the specialist knowledge areas required to be ASIC RG146 registered. Completion of the course meets the education requirements of membership at the level of Certified Finance and Treasury Professional (CFTP). It also meets the educational requirements at the level of Senior Associate (SA Fin), in conjunction with work experience, at the Financial Services Institute of Australasia (FINSIA). The course has also been awarded postgraduate partnership status by CFA Institute (USA). The curriculum is closely tied to global professional practice and is well suited to students preparing to sit for CFA (Chartered Financial Analyst) program examinations.

Other information

Further information is available from UTS: Business on: telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg

C04259v1 Master of Business in Management Extended

Award(s): Master of Business in Management (MBus)

CRICOS code: 077377G

Commonwealth-supported place?: No

Load credit points: 96 Course EFTSL: 2 Location: City campus

Overview

The Master of Business in Management provides knowledge, skills and conceptual frameworks to enable students to identify and resolve complex issues that will characterise the working environments of senior managers in the future. Students acquire the conceptual and analytical skills necessary for successful management performance in a range of contexts, including the business, public and non-profit sectors, and a variety of professional settings.

The course provides students with knowledge and experiences to enhance their professional skills and understanding of the management of people, resources and organisational processes. An innovative, flexible structure provides students with maximum choice in selecting subjects and programs of study tailored to meet their personal and professional needs.

The additional elective subject choices provide an opportunity to specialise more deeply in the management discipline and to further enhance students' skills, professional practice, specialist knowledge and capabilities.

Course aims

The Master of Business in Management is designed to meet the needs of individuals, client organisations and professional bodies for management education.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

If the previous qualification is not in a related field, applicants require a minimum of two years' relevant work experience. Applicants with a relevant graduate certificate must have completed it with at least a credit average.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of eight subject exemptions, of which four core subjects may be approved from prior undergraduate study.

Course duration and attendance

The course may be completed in two years of full-time or four years of part-time study.

Course structure

The course totals 96 credit points and consists of a combination of core and elective subjects.

Course completion requirements

	•	
21878	Organisational Dialogue: Theory and Practice	е 6ср
21779	Management Skills	6ср
21827	Change Management	6ср
21717	International Management	6ср
21844	Managing Work and People	6ср
21720	Human Resource Management	6ср
21741	Managing Operations	6ср
21800	Management and Organisations	6ср
21832	Managing for Sustainability	6ср
21811	Global Strategic Management	6ср
CBK90885	Major/Electives (Business Management)	36cp
		Total 96cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Management (C11021) (see page 424), the Graduate Diploma in Management (C07018) (see page 403) and the Master of Business in Management.

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg

C04260v1 Master of Business in Human Resource Management Extended

Award(s): Master of Business in Human Resource Management (MBus) CRICOS code: 077380B

Commonwealth-supported place?: No

Load credit points: 96 Course EFTSL: 2 Location: City campus

Overview

The Master of Business in Human Resource Management provides students with the in-depth knowledge and skills necessary to contribute at a senior level to their organisation's human resources and industrial relations functions.

The course is designed primarily for individuals who are currently employed, or show the potential for employment, at senior policy-making levels in the fields of human resource management, industrial relations, occupational health and affirmative action.

The additional elective subject choices provide an opportunity to specialise more deeply in the human resource management discipline and to further enhance students' skills, professional practice, specialist knowledge and capabilities.

Course aims

The course aims to provide leading-edge conceptual and practical understandings of human resource management in complex and unfamiliar workplace situations in order to facilitate management decision making.

Career options

Career options include positions in change management and general management, human resources, and organisational training and development.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

If the previous qualification is not in a related field, applicants require a minimum of two years' relevant work experience. Applicants with a relevant graduate certificate must have completed it with at least a credit average.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of eight subject exemptions, of which four core subjects may be approved from prior undergraduate study.

Course duration and attendance

The course may be completed in two years of full-time or four years of part-time study.

Course structure

The course totals 96 credit points and consists of a combination of core and elective subjects.

Course completion requirements

21878	Organisational Dialogue: Theory and Practice	6ср
21779	Management Skills	6ср
21720	Human Resource Management	6ср
21844	Managing Work and People	6ср
21800	Management and Organisations	6ср
21827	Change Management	6ср
21833	International Human Resources Management	6cp
21702	Industrial Relations	6ср
21760	Performance and Talent Management	6ср
21724	Strategic Human Resource Management	6ср
CBK90888	Electives (MBus HRM Extended)	36cp
		Total 96cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Human Resource Management (C11198) (see page 453), the Graduate Diploma in Human Resource Management (C07113) (see page 416) and the Master of Business in Human Resource Management.

Professional recognition

Students completing this degree are eligible to apply to the Australian Human Resources Institute (AHRI) for the Professional Member (MAHRI) status and / or advancement to a higher level of membership for those who have appropriate work experience.

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660

email business@uts.edu.au

www.business.uts.edu.au/pg

C04261v1 Master of Business in Marketing Extended

Award(s): Master of Business in Marketing (MBus)

CRICOS code: 077379F

Commonwealth-supported place?: No

Load credit points: 96 Course EFTSL: 2 Location: City campus

Overview

The Master of Business in Marketing provides the opportunity for students to extend their knowledge in the areas of communications, sales management, the development and introduction of new products, business-to-business marketing, technology and marketing, as well as the legal constraints on and the ethical implications of marketing in Australia.

The marketing program provides contemporary theoretical marketing knowledge and the practical skills required for superior performance in Australian and international markets. The additional elective subject choices provide an opportunity to specialise more deeply in the marketing discipline and to further enhance students' skills, professional practice, specialist knowledge and capabilities.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

If the previous qualification is not in a related field, applicants require a minimum of two years' relevant work experience. Applicants with a relevant graduate certificate must have completed it with at least a credit average.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of eight subject exemptions, of which four core subjects may be approved from prior undergraduate study.

Course duration and attendance

The course is two years of full-time or four years of part-time study.

Course structure

The course totals 96 credit points and consists of a combination of core subjects, specialised streams and elective subjects.

Course completion requirements

21878	Organisational Dialogue: Theory and Practice	e 6cp
24730	Marketing Strategy	6ср
24710	Buyer Behaviour	6ср
24734	Marketing Management	6ср
24720	Marketing Research	6ср
24790	Business Project: Marketing	6ср
CBK90635	Marketing streams	24cp
	Electives (MBus Marketing Extended)	36cp
		Total 96cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Marketing (C11039) (see page 428), the Graduate

Diploma in Marketing (C07031) (see page 407) and the Master of Business in Marketing (C04067) (see page 308).

Professional recognition

Completion of this course meets the educational requirements for Professional Postgraduate Diploma in Marketing entry point to the Chartered Institute of Marketing (CIM).

Other information

Further information is available from UTS: Business on: telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg

C04262v1 Master of Arts in International Studies

Award(s): Master of Arts in International Studies (MAInternationalStudies)

UAC code: 942527 (Autumn semester)

CRICOS code: 043443F

Commonwealth-supported place?: No

Load credit points: 72 Course EFTSL: 1.5 Location: City campus

Note(s)

Students intending to complete the Master of Arts in International Studies are encouraged to enrol directly into this program rather than enrolling initially in the graduate diploma and transferring to this course. This assists students and UTS: International Studies with planning an appropriate sequence of subjects.

The in-country study component of this course has a higher subject fee in order to cover student tuition, airfares, visa processing costs and insurance. Refer to www.sau.uts.edu.au/fees/calculators.html for details.

Overview

The Master of Arts in International Studies is part of an articulated program of study in which students develop or enhance their knowledge of the language and culture of a country chosen from the range offered in the international studies program.

Students have the opportunity to spend a semester at a university in their country of study, or write a dissertation related to that country.

Course aims

The program aims to enable students to communicate competently in the language of their specialisation, learn about contemporary society in their chosen country of study, develop intercultural sensitivity, critically reflect on ethical issues in international research, and learn and apply a variety of interdisciplinary skills and knowledge to research contemporary issues and trends in international studies through a capstone in-country study experience.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

A minimum of two years' language study at an approved tertiary institution is recommended, but not required. Applicants who have completed a bachelor's, graduate diploma or master's in any field of study or a graduate certificate in a related field of study can apply. Applicants who do not possess the relevant qualification must submit a CV and personal statement outlining their educational and professional achievements.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-

time duration. Students can extend their courses only in exceptional

Credit recognition

Students who have successfully completed the Graduate Diploma in International Studies (C06106) (see page 400) are eligible for credit recognition for completed subjects (48 credit points).

Course duration and attendance

The course is offered on a one-and-a-half-year, full-time or equivalent part-time basis.

Course structure

The course totals 72 credit points of study and focuses on developing or extending students' experience of language and culture. There are three compulsory components, which involve at least two semesters of study of a language and culture other than English, a contemporary society subject relevant for their country major as well as the Research in International Studies subject. Students can focus on one of the following countries or majors: Argentina, Canada (Qubec), Chile, China, Colombia, France, Germany, Italy, Japan, Latino USA, Mexico, Spain or Switzerland.

Students may select subjects beyond the lists of elective subjects with the approval of the graduate adviser. Not all subjects are available each semester.

Full-time students undertake 24 credit points a semester. Part-time students should undertake 16 credit points a semester.

Students may spend a semester overseas at an institution of higher education in the country of their language and culture major. Students pay \$9540 towards the in-country study component. The remaining costs of tuition at overseas universities and of travel between Sydney and the student's place of study are paid by UTS. Visa fees are also paid by UTS and students are covered by the UTS Overseas Insurance Policy. Students must pay the costs of accommodation and other living expenses during the period of in-country study.

Course completion requirements

CBK90893 Major choice	48cp
979508 Research in International Stu	dies 8cp
CBK90900 Electives (International Studi	ies) 16cp
	Total 72cp

Course program

The example programs below show subject choices for the German Language and Culture option. Students undertaking one of the other language options undertake a similar sequence of subjects.

The part-time program shows the three compulsory subjects (i.e. two language and culture subjects and International Studies Research Seminar) and, as electives, a further two language and culture subjects plus Contemporary Germany.

Autumn commencing, full time

Vaar 1

icai i		
Autumn s	emester	
979508	Research in International Studies	8cp
97601	German Language and Culture 1	8ср
Select 8 cr	edit points of electives	8cp
Spring se	mester	
97602	German Language and Culture 2	8ср
979514	Contemporary Germany	8cp
Select 8 credit points of electives		8cp
Year 2		
Autumn s	emester	
978138	In-country Study: Germany	24cp

Autumn commencing, part time

Year 1		
Autumn	semester	
979508 97601	Research in International Studies German Language and Culture 1	8cp 8cp
Spring so	emester	
97602	German Language and Culture 2	8ср

Year 2

Autumn	semester	
97603	German Language and Culture 3	8cp
Spring s	emester	
979514	Contemporary Germany	8ср
97604	German Language and Culture 4	8cp
Year 3		

Autumn semester 978138 In-country Study: Germany 24cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Diploma in International Studies (C06106) (see page 400) and the Master of Arts in International Studies.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au www.internationalstudies.uts.edu.au

C06006v4 Graduate Diploma in **Property Development**

Award(s): Graduate Diploma in Property Development (GradDipProDev) UAC code: 942101 (Autumn semester), 945101 (Spring semester)

CRICOS code: 066575D

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The Graduate Diploma in Property Development is designed for both property practitioners and graduates in other fields who wish to extend their qualifications and expertise in property development and management. Graduates have a commitment to professionalism in the property sector.

This course is for property professionals who want to upgrade their qualifications or expertise, or for those who wish to enter the property industry. Property development and planning students study a common first year, which develops an understanding of how to balance private and public interests in urban development.

Course aims

This course is focused on development and delivered with a practical focus. It provides a thorough and advanced grounding in all aspects of the property development process, markets and institutions, including the political, managerial, legal and physical systems which contribute to the effective management and development of property assets, property investment portfolios and development proposals. It is designed to provide valuers and other property practitioners with opportunities to enhance their qualifications and expertise, and provide professionals from other fields with an understanding of property development and investment issues and techniques.

Career options

Career options include positions in banking and government instrumentalities, finance, management and development, and property investment.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Admission is at the discretion of the course director. If applicants are not graduates from the UTS Graduate Certificate in Property and Planning (C11001) (see page 421), they must possess an advanced diploma in valuation or equivalent qualification. Applicants may also be required to provide proof of professional experience.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583

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overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course duration is one year of full-time or two years of parttime study.

All subjects are offered in intensive blocks. The attendance pattern for each subject is generally two separate two-and-a-half-day blocks, usually held over a Thursday evening, Friday and Saturday.

Course structure

Students must achieve a total of 48 credit points, comprising 36 credit points of core subjects and 12 credit points of electives. With the approval of the director of program, students may substitute one subject with any other postgraduate property subject.

Course completion requirements

STM90502 Core subjects (Property and Planning)	24cp
STM90706 Core subjects (Property)	12cp
CBK90377 Property options (PG)	12cp
	Total 48cp

Course program

The example programs below are for a student undertaking the course full time and commencing in either Autumn or Spring semesters.

Introduction to Property and Planning

Full time, Autumn commencing

Year 1

15142

	1 1		
	of the following:		6cp
12535 15222	1 1	6cp 6cp	
15146	Sustainable Urban Development	оср	6cp
17700	Planning and Environmental Law		6cr
Spring ser	mester		
12518	Property Transactions		6cr
15143	Group Project A: Urban Renewal		6cr
Select 12 c	redit points from the following options:		12cr
12515	Strategic Asset Management	6ср	-
17553	Construction Cost Planning	6ср	
17704	Property Development Finance	6ср	
17772	Commercial Retail Property Management	6ср	
17774	Green Building Evaluation	6ср	
12535	Valuation Application	6ср	

Full time, Spring commencing

Year 1

JU	ııııu	semester
- 1-		

15142	Introduction to Property and Planning		6ср
Select one	of the following:		6ср
12535	Valuation Application	6ср	-
15222	Urban Design	6ср	
15146	Sustainable Urban Development	-	6ср
17700	Planning and Environmental Law		6ср

Year 2

Autumn semester

Autumm semester				
12518	Property Transactions		6ср	
15143	Group Project A: Urban Renewal		6cp	
Select 12 ca	redit points from the following options:		12cp	
12515	Strategic Asset Management	6ср		
171200	Conservation and Heritage	6ср		
17518	Advanced Property Development	6ср		
17551	Property Market and Risk Analysis	6ср		
17703	Property Taxation	6ср		
12535	Valuation Application	6ср		

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Property and Planning (C11001) (see page 421), the Graduate Diploma in Property Development and the Master of Property Development (C04008) (see page 302).

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au www.dab.uts.edu.au

C06009v7 Graduate Diploma in Business Administration

Award(s): Graduate Diploma in Business Administration

(GradDipBusAdmin) CRICOS code: 001102G

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The Graduate Diploma in Business Administration provides a basis for the development of a career in management for graduates who have not previously undertaken an administrative studies degree course.

Course aims

General management skills are developed to provide expertise in strategic thinking, critical analysis, developing and implementing business plans, decision-making under uncertainty, understanding organisational dynamics, effective communication and promoting change.

Career options

6ср

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances

Credit recognition

Students may be granted a maximum of five subject exemptions in the Graduate Diploma in Business Administration, of which two core subjects can be approved from prior undergraduate study.

Course duration and attendance

The course duration is one year of full-time or two years of parttime study.

Course structure

The course comprises seven of the core Master of Business Administration subjects, plus one elective, totalling 48 credit points of study.

Course completion requirements

23706	Economics for Management		6ср
22747	Accounting for Managerial Decisions		6ср
24734	Marketing Management		6ср
25742	Financial Management		6ср
21800	Management and Organisations		6ср
21844	Managing Work and People		6ср
21878	Organisational Dialogue: Theory and Practic	e	6ср
Select 6 cre	edit points from the following options:		6ср
CBK90474	Elective	6cp	-

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Business Administration (C11008) (see page 422), the Graduate Diploma in Business Administration, and the Master of Business Administration (C04018) (see page 303).

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg

C06017v6 Graduate Diploma in Event Management

Award(s): Graduate Diploma in Event Management (GradDipEM)

CRICOS code: 046112A

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1

 $\label{location:city} \mbox{Location: City campus, although some subjects may be available at}$

Kuring-gai campus.

Overview

The Graduate Diploma in Event Management is designed to develop high-level management skills and knowledge sufficient to allow students to manage or play a significant role in the management of large-scale events.

The course enhances students' professional competence, personal development and ability to engage in critical thinking by offering a combination of core subjects associated with the areas of event creation, management, marketing and accounting.

Course aims

The aim of the course is to develop knowledge, understanding and professional management skills relevant to the organisation, planning, marketing and operation of various forms of events in both Australian and international contexts.

Career options

Career options include festival organiser, conference organiser/ meeting planner, charity event coordinator, sport event manager, hotel/resort/cruise ship event coordinator, exhibition organiser, venue manager and event creative director.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

The equivalent qualification required is a bachelor's degree in any discipline or satisfactory completion of a relevant graduate certificate.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-

time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of five subject exemptions in the Graduate Diploma in Event Management, of which two core subjects may be approved from prior undergraduate study.

Course duration and attendance

The course duration is one year of full-time or two years of part-time study.

The Event Management program is offered at City campus, although some subjects may are offered at Kuring-gai campus. Some subjects may be offered in intensive mode.

Course structure

Total 48cp

The course comprises 48 credit points, consisting of eight core subjects.

Course completion requirements

27727	Event Creation Workshop	6ср
27765	Event Management	6ср
21751	Management Research Methods	6ср
22747	Accounting for Managerial Decisions	6cp
27726	Event Concepts and Contexts	6cp
27737	Event Risk Management	6cp
27717	Venue and Facility Management	6cp
27734	Marketing for the Experience Industries	6cp
	0 1	Total 48cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Event Management (C11038) (see page 427), the Graduate Diploma in Event Management, and the Master of Management (C04239) (see page 357).

Other information

Further information is available from UTS: Business on: telephone +61 2 9514 3660 $\,$

email business@uts.edu.au

www.business.uts.edu.au/gsb

C06033v4 Graduate Diploma in Local Government Management

Award(s): Graduate Diploma in Local Government Management (GradDipLGM)

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1

Location: City campus

Note(s)

This course is not offered to international students.

Overview

Today's local government manager must have a high level of professional expertise together with a broad range of managerial skills and a sound understanding of the special characteristics of local government. This course is tailored to the local government environment, allowing managers to meet their differing professional needs while keeping up-to-date with the latest issues.

The course offers the opportunity to build an education program that responds to individual needs as it allows students to develop a study plan that matches the requirements of their professional development. Subjects can be studied in the workplace, through intensive block release or, in some cases, at a university or college closer to home. The program can also be used as a stepping stone to a broader master's degree or MBA.

Course aims

The course aims to provide students with knowledge, skills and competencies in the principles and practices of local government management, with particular reference to their own organisation. Through the course, students have access to a combination of both general and specialist study units via a range of flexible delivery modes. Students develop the learning skills that allow them to continue their own professional development through short courses or further academic study.

Career options

Career options include local government manager in councils.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Enrolment is also available to people who do not have a degree but who can demonstrate substantial relevant work experience.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Credit recognition

Students who have completed relevant previous studies may apply to the course coordinator for credit recognition.

Course duration and attendance

This course is normally offered on a four-year, part-time basis, with students undertaking one subject a semester.

In some circumstances, students may complete two subjects a semester and therefore complete the course in two years.

Course structure

The course totals 48 credit points, made up of eight subjects.

Course completion requirements

STM90714 Core subjects	18cp
CBK90633 Options	30cp
•	Total 48cp

Course program

A typical program is shown below.

Select 30 c	redit points from the following options:		30cp
15602	Social Planning and Development	6ср	1
15603	Integrated Strategic Planning	6ср	
15606	Vocational Competencies 1	6ср	
15607	Vocational Competencies 2	6ср	
15609	Local Environmental Management	6ср	
15610	Local Government Leadership: Personal	•	
	and Professional Skills	6ср	
15618	New Perspectives in Local Government	•	
	Leadership	6ср	
15608	Corporate Management and	•	
	Organisational Change		6ср
15611	Managing Local Enterprise		6ср
15604	Local Government Management Principles		-
	and Practice 1		6ср

Exit award

Students can exit this course after completing 24 credit points of specified subjects with a Graduate Certificate in Local Government Management (C11053) (see page 433).

Other information

Further information is available from:

Gabrielle Watterson Administration Officer

telephone +61 2 9514 1659

fax +61 2 9514 2274

email Gabrielle.Watterson@uts.edu.au

www.clg.uts.edu.au

C06037v4 Graduate Diploma in Journalism

Award(s): Graduate Diploma in Journalism (GradDipJournalism) UAC code: 942501 (Autumn semester), 945501 (Spring semester) CRICOS code: 032351A

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The Graduate Diploma in Journalism is part of an articulated program of study for people who want to start a journalism career and for experienced journalists wanting to broaden their skills and professional technological expertise and refresh the intellectual basis of their practice.

This is the only program of its kind in Sydney, where the Australian media is increasingly concentrating. The journalism staff at UTS has a record of excellence in professional practice reflected in media contacts. In addition, the course has close links with the Australian Centre for Independent Journalism, which provides a professional setting for student work.

Course aims

Graduates of the program:

- have strong research and reporting skills
- have a knowledge and critical understanding of the media
- are equipped with the necessary skills to either enter professional practice in the media or continue with additional skills and intellectual depth
- strive to promote the important role of professional and ethical journalism in the service of the public, and
- have an understanding of the role of the media in local, regional, national and global contexts.

Career options

Career options include reporter or editor in local, corporate, national or international print or broadcast media organisations.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who have completed a bachelor's, graduate diploma or master's in any field of study or a graduate certificate in a related field of study can apply. Applicants who do not possess the relevant qualification must submit a CV and personal statement outlining their educational and professional achievements.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students who successfully completed the graduate certificate in the articulated program are eligible for credit recognition for completed subjects.

Course duration and attendance

The course is one year of full-time or one-and-a-half years of part-time study.

Course structure

The course totals 48 credit points of study, made up of 24 credit points of core subjects and 24 credit points of electives.

16cp

Full-time students are required to undertake 24 credit points a semester. Part-time students should undertake 8 or 16 credit points a semester.

_	4 44		
COURSE	completion	requirem	ents

STM90818 Core subjects (Journalism)	16cp
CBK90897 Elective subjects GD Journalism	24cp
CBK90899 Choices (Journalism PG)	8cp
	Total 48cp

Course program

Autumn semester

Example programs are shown below.

Autumn commencing, full time

Year 1

57011	Research and Reporting for Journalism		8cp
Select one of the following: 57012 Regulation of the Media 8cp 57138 International and Comparative		8ср	
Journalism 8cp Select 8 credit points of electives			8ср
Spring ser			0
57151	Storytelling with Sound and Image		8cp
Select 16 credit points of electives			16cp

Autumn commencing, part time

rear r			
Autumn se	emester		
57011	Research and Reporting for Journalism		8cp
Select one	of the following:		8ср
57012	0	8cp	_
57138	r		
	Journalism	8ср	
Spring ser	nester		
57151	Storytelling with Sound and Image		8cp
Select 8 cre	edit points of electives		8cp
Year 2			

Select 16 credit points of electives Spring commencing, full time

Year 1

Autumn semester

Spring seme	ster		
57011 R	esearch and Reporting for Journalism		8cp
Select one of the following:			8ср
57012	Regulation of the Media	8ср	•
57138	International and Comparative		
	Journalism	8ср	
Select 8 credi	t points of electives		8cp
٠, ٥			

icui 2		
Autumn	semester	
57151	Storytelling with Sound and Image	8ср
Select 16	credit points of electives	16cp

Spring commencing, part time

	3,1		
Year 1			
Spring ser	nester		
57011	Research and Reporting for Journalism		8cp
Select one	of the following:		8ср
57012	Regulation of the Media	8ср	•
57138	International and Comparative	_	
	Iournalism	8cp	

Year 2

Autumn	semester	
57151	Storytelling with Sound and Image	8ср
Select 8 credit points of electives		8ср

Spring semester

Select 16 credit points of electives

Articulation with UTS courses

This course forms part of an articulated program comprising the Graduate Certificate in Journalism (C11058) (see page 435), the Graduate Diploma in Journalism and the Master of Arts in Journalism (C04106) (see page 323).

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C06041v6 Graduate Diploma in **Creative Writing**

Award(s): Graduate Diploma in Creative Writing (GradDipCreativeWriting) UAC code: 942513 (Autumn semester), 945513 (Spring semester)

CRICOS code: 032361K

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The Graduate Diploma in Creative Writing is part of an articulated program designed to meet a range of needs for people who want to start a career in writing and for experienced writers wanting to further develop their theoretical knowledge and skills.

Course aims

Students develop:

- both general and specific skills in writing across a range of genres, studying one genre in depth or exploring the potential of a range of genres and media
- an ability to develop and critically revise their own work
- an understanding of the relationships of writing practice and publication across a range of contemporary cultural forms
- a critical knowledge of cultural and aesthetic debates, and
- an ability to think creatively and critically about, and contribute to, developments in cultural industries.

Career options

16cp

Career options include advertising, computing, freelance writing and editing, journalism, media research, publishing, scriptwriting, and editing in community organisations or government departments.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who have completed a bachelor's, graduate diploma or master's in any field of study or a graduate certificate in a related field of study can apply. Applicants who do not possess the relevant qualification must submit a CV and personal statement outlining their educational and professional achievements.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

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Credit recognition

Students who successfully completed either of the graduate certificates in the articulated program are eligible for credit recognition for completed subjects.

Course duration and attendance

The course duration is one year of full-time or equivalent part-time study.

Course structure

The course totals 48 credit points, consisting of three core subjects and three electives. Students may select subjects beyond the list of elective subjects with the approval of the graduate adviser. Not all subjects are available each semester.

Full-time students are required to undertake 24 credit points a semester. Part-time students should undertake 8 or 16 credit points a semester.

Course completion requirements

STM90815 Core subjects	24cp
CBK90528 Electives	24cp
	Total 48cp

Course program

Example programs are given below.

Autumn commencing, full time

Year 1

Autumn	semester	
57041 57134	Narrative Writing Theory and Creative Writing	8cp 8cp
Select 8	credit points of electives	8cp
Spring s	semester	
57031	Non-fiction Writing	8cp
Select 16	credit points of electives	16cp

Spring commencing, full time

Year 1

Spring s	semester	
57041	Narrative Writing	8ср
57134	Theory and Creative Writing	8cp
Select 8 credit points of electives		8ср
V2		

Autumn semester

Autumn semester

57031	Non-fiction Writing	8cp
Select 16	credit points of electives	16cp

Autumn commencing, part time

Year 1

57041 57134	Narrative Writing Theory and Creative Writing	8ср 8ср
Spring se	mester	
57031	Non-fiction Writing	8ср
Select 8 ca	redit points of electives	8ср

Year 2

Autumn semester	
Select 16 credit points of electives	16cp

Spring commencing, part time

Year 1

Spring ser	mester	
57041	Narrative Writing	8cr
57134	Theory and Creative Writing	8cr

Year 2

Autumn se	emester	
57031	Non-fiction Writing	8cp
Select 8 cr	edit points of electives	8cp

Spring semester

Select 16 credit points of electives

16ср

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Screenwriting (C11066) (see page 436), the Graduate Certificate in Editing and Publishing (C11071) (see page 437), the Graduate Diploma in Creative Writing and the Master of Arts in Creative Writing (C04109) (see page 324). To be eligible to articulate into the Master of Arts in Creative Writing (C04109) (see page 324), students must complete at least two postgraduate writing subjects with a distinction grade or higher.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887) $\,$

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C06058v7 Graduate Diploma in Information Technology

Award(s): Graduate Diploma in Information Technology (GradDipInfTech) UAC code: 942603 (Autumn semester), 945603 (Spring semester) CRICOS code: 001117A

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

This course provides a broad introduction to the fundamental aspects of information technology and is primarily designed for those who have studied little or no IT in their previous degree.

Students gain the necessary knowledge and skills to equip them for a career in IT. As well as gaining a broad foundation, students are able to choose elective subjects from a wide range of options.

Career options

Career options include database manager, e-business developer, information systems manager or systems analyst.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

For this course an equivalent degree can be from any discipline (as applicants for this program may apply as a non-IT graduate or an IT graduate).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Applicants with a recognised bachelor's degree in computing or information technology (or equivalent) may apply for credit recognition equivalent to the 24-credit-point Graduate Certificate in Information Technology (C11142) (see page 447).

Course duration and attendance

The course duration is one year of full-time or two years of parttime study.

Course structure

The course totals 48 credit points of study and consists of five core subjects and 18 credit points of electives selected from a defined list.

Course completion requirements

Select one of the following:	24cp
STM90695 Core subjects	24cp
CBK90802 Choice	24cp
CBK90803 Choice	18ср
32144 Technology Research Preparation	6ср
	Total 48cp

Course program

The following three examples show typical full-time programs for non-IT graduates, IT graduates with credit recognition and IT graduates without credit recognition, commencing in Autumn semester. The selection of subjects for part-time students is dependent upon the commencing semester and the availability of evening subject offerings. Part-time students should contact the course coordinator for further information.

Note: Electives are only offered in a particular semester (or year) if there is sufficient demand and the necessary resources.

Non-IT graduates

Year 1

22555

Autumn semester

32333	Fundamentals of Software Development	оср
32524	LANS and Routing	6ср
32606	Database	6ср
32144	Technology Research Preparation	6ср
Spring se	mester	
32557	Enabling Enterprise Information Systems	6ср
Select 18 c	redit points of electives	18cp

Fundamentals of Software Development

IT graduates with credit recognition

Year 1

Autumn semester

32144	Technology Research Preparation	6ср
Select 18	3 credit points of electives	18cp

IT graduates without credit recognition

Year 1

Autumn semester

32144	Technology Research Preparation	6ср
Select 18	credit points of electives	18cp
Spring s	emester	
Select 24	credit points of electives	24cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Information Technology (C11142) (see page 447), the Graduate Diploma in Information Technology, the Master of Information Technology (C04157) (see page 331) and the Master of Information Technology (Extended) (C04218) (see page 340).

Professional recognition

Graduates are eligible for associate-level membership of the Australian Computer Society (ACS).

Other information

Further information is available from:

Building 10 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C06060v6 Graduate Diploma in Information Technology Management

Award(s): Graduate Diploma in Information Technology Management (GradDipInfTechM)

UAC code: 942613 (Autumn semester), 945613 (Spring semester)

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Note(s)

This course is not offered to international students.

Overview

This course focuses on the role of technology in the strategic leadership of organisations. It provides a well-balanced selection of subjects, drawn from advanced information technology and business domains, in an integrated program that is relevant to the current and future demands of the IT industry and business organisations.

IT professionals who have aspirations to senior IT roles and/or business leadership positions in organisations benefit from this course. Graduates are able to contribute constructively to the effective utilisation of information technology with respect to the strategic leadership of an organisation. IT managers who already have significant levels of experience are challenged by this course and gain new perspectives on the effective leadership of organisations in the digital era.

Course aims

The course aims to develop:

- the professional skills necessary for successfully undertaking strategic leadership roles in a variety of organisational contexts, and
- a conceptual and analytical understanding of an organisation's needs in a dynamic and challenging global knowledge economy.

Career options

Graduates can be employed in the full range of organisations - private, public and community sector organisations. They can prepare to move from a senior IT management position into the CIO (chief information officer) role.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Previous bachelor's qualifications must be in information technology or commerce, and applicants must have a minimum of five years' professional work experience in the IT industry plus some supervisory experience. Applicants who have successfully completed the Graduate Certificate in Information Technology Management (C11138) (see page 446) must have passes in all subjects and a credit average over the entire course.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course is offered on a two-year, part-time basis.

Course structure

Students complete 48 credit points of study, consisting of five core subjects and three electives.

Course completion requirements

32553	Leadership and People Management	6ср
32005	Strategic Leadership for Innovation	6ср
32007	Strategic Information Technology Investment	6ср
CBK90151	Electives (IT Management)	18cp
32561	Managing Organisational Change	6ср
32562	Strategic Business Management	6ср
		Total 48cp

Course program

A typical part-time program for students commencing in Autumn semester is shown below.

Note: Subjects listed as electives are only offered in a particular semester (or year) if there is sufficient demand and the necessary resources. Students can apply to the course coordinator to enrol in an alternative subject as an elective.

Year 1

Autumn se	emester	
32007 32553	Strategic Information Technology Investment Leadership and People Management	6ср 6ср
Spring ser	nester	
32005	Strategic Leadership for Innovation	6ср
Year 2		
Autumn se	emester	
32561	Managing Organisational Change	6ср
Select 6 credit points of electives		6ср
Spring semester		
32562	Strategic Business Management	6ср

Articulation with UTS courses

Select 6 credit points of electives

This course is part of an articulated program comprising the Graduate Certificate in Information Technology Management (C11138) (see page 446), the Graduate Diploma in Information Technology Management and the Master of Business in Information Technology Management (C04161) (see page 335).

Other information

Further information is available from:

Building 10 Student Centre

telephone 1300 ask UTS (1300 275 887)

Ask UTS www.ask.uts.edu.au

C06096v3 Graduate Diploma in Adult Literacy and Numeracy Teaching

Award(s): Graduate Diploma in Adult Literacy and Numeracy Teaching [GradDipAdLitNumTeach]

UAC code: 942248 (CSP) (Autumn semester), 942249 (PDFP) (Autumn semester)

CRICOS code: 058399D

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

UTS is a leading provider of postgraduate language and literacy courses with the longest tradition of adult basic education (ABE) teacher training of any university in NSW.

This course is for people who wish to gain an initial specialist qualification as an adult basic education practitioner. It provides graduates with a widely recognised specialist teaching qualification that enables them to work in the field of adult literacy and numeracy education in both the public and private sectors and registered training organisations. The course includes two practicums and a range of subjects that integrate relevant theoretical perspectives on adult basic education with practical teaching and learning applications.

Course aims

The course aims to provide students with:

- a sound understanding of practices and policies in teaching literacy and numeracy to adults
- up-to-date teaching and learning strategies
- skills in designing, implementing and evaluating a variety of learning activities and curricula, and
- theoretical approaches to literacy and numeracy education.

Career options

Career options include adult basic education practitioner in community colleges, corrective services, AMES, TAFE and public and

private adult education institutions that design and deliver programs for adults to learn and build on basic literacy and numeracy skills; provide learner support for students in VET programs; and design and deliver workplace literacy and numeracy programs.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: B; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

6ср

Graduates of the Graduate Certificate in Adult Numeracy Teaching (C11220) (see page 461) are eligible for 24 credit points of credit recognition.

Course duration and attendance

The course can be completed in one year of full-time or two years of part-time study.

Course structure

Students must complete 48 credit points comprising eight core subjects.

COURCO	complotion	roduiromont	_
Course	completion	requirement	

STM90549 Core subjects (Adult Numeracy Teaching)	24cp
STM90554 Core subjects (Adult Literacy and Numeracy	•
Teaching)	24cp
_	Total 48cp

Course program

Autumn semester

The full-time and part-time programs are shown below.

Full time

Year 1

013122 010070	Understanding Adult Education and Training Professional Practice 1 Language Literacy and	6ср
	Numeracy	6ср
013141	Language Programming and Assessment	6cp
013831	Maths for Numeracy Teachers	6cp
Spring ser	mester	
010071	Professional Practice 2 Language Literacy and Numeracy	6ср
013117	Theory and Practice of Literacy	6ср
013971	Teaching and Learning Numeracy	6ср
013096	Grammar and the Construction of Meaning	6ср
Part time	•	
Year 1		
Autumn se	emester	
010070	Professional Practice 1 Language Literacy and Numeracy	6ср
013831	Maths for Numeracy Teachers	6cp
Spring ser	nester	
013971 010071	Teaching and Learning Numeracy	6ср
0100/1	Professional Practice 2 Language Literacy and Numeracy	6ср
Year 2	•	-

Language Programming and Assessment

Understanding Adult Education and Training

6cp

6ср

Autumn semester

013141

013122

Spring semester

013096 Grammar and the Construction of Meaning 013117 Theory and Practice of Literacy 6cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Adult Numeracy Teaching (C11220) (see page 461) and the Graduate Diploma in Adult Literacy and Numeracy Teaching.

Other information

Further information is available from UTS: Education at:

www.education.uts.edu.au

Local and current students:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Future international students:

telephone 1800 774 816 (freecall within Australia)

+61 3 9627 4816 (from outside Australia)

www.uts.internationalstudent.info/Register.aspx

C06097v1 Graduate Diploma in Mathematics and Statistics for Business and Finance

Award(s): Graduate Diploma in Mathematics and Statistics for Business and Finance (GradDipMathStat)

UAC code: 942741 (Autumn semester), 945741 (Spring semester)

CRICOS code: 065346C

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Note(s)

Holders of the UTS Bachelor of Science in Mathematics or Bachelor of Science in Statistics degree or equivalent are not eligible for admission to this course. Instead, they should consider the Graduate Certificate in Mathematics (C11210) (see page 457).

Overview

A sound knowledge of mathematical and statistical methods is in ever growing demand in various government organisations, ranging from defence to education, and in such diverse fields as finance and public health, construction industry and agriculture, manufacturing and transportation. Despite the demonstrated and continuing demand for specialists trained in mathematics and statistics, most university graduates do not acquire the required knowledge in their bachelor's degrees.

This course is designed for applicants who need more mathematics and/or statistics in their everyday work or who wish to broaden their career choices.

Course aims

This course aims to provide a solid mathematical and statistical background by means of a flexible study program that can be tailored to suit university graduates who need this knowledge in their work or plan to pursue further studies.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants are expected to have knowledge in mathematics comparable with the following UTS Mathematical Sciences foundation stream subjects:

- 35101 Introduction to Linear Dynamical Systems
- 35102 Introduction to Analysis and Multivariable Calculus
- 35151 Introduction to Statistics.

Applicants who do not satisfy this requirement should instead consider enrolment in the Graduate Certificate in Mathematics (C11210) (see page 457).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students can apply for exemption only from core subjects.

Course duration and attendance

The duration of the course depends on the choice of subjects and their availability. As a guide, minimum full-time attendance is one year of study and part-time attendance is two years of study. Applicants should be aware that subjects may require attendance at daytime classes. The current timetable is available at:

http://timetable.uts.edu.au

Course structure

Students are required to complete 48 credit points, comprising three core subjects and five electives (options). Elective subjects can be chosen from the list of options below but are not limited to it. Any elective which is not in the list of options below must be approved by the course director, postgraduate programs.

Many subjects offered by the Department of Mathematical Science have prerequisites. It is students' responsibility to check that they have the required knowledge specified by these prerequisites. Students are strongly advised not to enrol in any subject if they do not have knowledge equivalent to the subject's prerequisites.

Course completion requirements

35353 35363 35241	Regression Analysis Stochastic Models Optimisation in Quantitative Management		6cp 6cp 6cp
Select 30 c	redit points from the following options:		30cp
35100	Introduction to Sample Surveys	6ср	-
35111	Applications of Discrete Mathematics	6ср	
35140	Introduction to Quantitative Management	6ср	
35212	Computational Linear Algebra	6ср	
35231	Differential Equations	6ср	
35232	Advanced Calculus	6ср	
35252	Mathematical Statistics	6ср	
35255	Forensic Statistics	6ср	
35322	Advanced Analysis	6ср	
35335	Mathematical Methods	6ср	
35340	Quantitative Management Practice	6ср	
35342	Nonlinear Methods in Quantitative		
	Management	6ср	
35344	Network and Combinatorial Optimisation	6ср	
35355	Quality Control	6ср	
35356	Design and Analysis of Experiments	6ср	
35361	Stochastic Processes	6ср	
35383	High Performance Computing	6ср	
35391	Seminar (Mathematics)	6ср	
35393	Seminar (Statistics)	6ср	
		Total	l 48cp

Course program

Three example programs are shown below.

The first program shows full-time attendance for Autumn-commencing students and is recommended for those who are interested in acquiring a solid mathematical background for pursuing a career in finance.

The second program shows full-time attendance for Autumn-commencing students and is recommended for those who need in-depth knowledge in quantitative management.

The third program shows full-time attendance for Autumncommencing students and is recommended for those who wish to pursue a career in statistics.

Finance, Autumn commencing, full time

Vear 1

Autumn semester

35232 35241 35252 35363	Advanced Calculus Optimisation in Quantitative Management Mathematical Statistics Stochastic Models	6cp 6cp 6cp 6cp
Spring ser	mester	
35322	Advanced Analysis	6ср
35342	Nonlinear Methods in Quantitative	
	Management	6ср
35353	Regression Analysis	6ср
35361	Stochastic Processes	6ср

Quantitative Management, Autumn commencing, full time

Year 1

Autumn semester

35140	Introduction to Quantitative Management	6ср
35212	Computational Linear Algebra	6ср
35241	Optimisation in Quantitative Management	6ср
35363	Stochastic Models	6ср
Spring so	emester	
35340	Quantitative Management Practice	6ср
35342	Nonlinear Methods in Quantitative	1
	Management	6ср
35344	Network and Combinatorial Optimisation	6ср
35353	Regression Analysis	6ср

Statistics, Autumn commencing, full time

Year 1

35241

Autumn semester

Mathematical Statistics Design and Analysis of Experiments Stochastic Models		6cp 6cp 6cp
nester		
Introduction to Sample Surveys Regression Analysis Stochastic Processes		6ср 6ср 6ср
Seminar (Statistics)	6ср 6ср	6ср
	Mathematical Statistics Design and Analysis of Experiments Stochastic Models mester Introduction to Sample Surveys Regression Analysis Stochastic Processes of the following: Seminar (Statistics)	Mathematical Statistics Design and Analysis of Experiments Stochastic Models mester Introduction to Sample Surveys Regression Analysis Stochastic Processes of the following: Seminar (Statistics) 6cp

Optimisation in Quantitative Management

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C06099v1 Graduate Diploma in Intellectual Property

Award(s): Graduate Diploma in Intellectual Property (GradDiplP) UAC code: 942434 (distance) (Autumn semester), 945434 (distance) (Spring semester)

Commonwealth-supported place?: No

Load credit points: 36 Course EFTSL: 0.75 Location: City campus

Overview

UTS has established expertise and a reputation for providing courses relevant to the needs of the patent and trade mark professions. The UTS Intellectual Property program is the first at an Australian university that fulfils the entire educational requirements for registration as a trade marks attorney and patent attorney in Australia under the relevant regulations.

The unique feature of this course is that it may be undertaken entirely online, removing the need for students to attend face-to-face classes.

Course aims

This course provides graduates with an understanding of the principles of the registered trade mark system, the protection of

unregistered marks and related forms of protection against misleading or unfair trading conduct in Australia. In addition, graduates understand the content and implication of a patent specification, enabling them to advise upon possible questions of infringement, validity and compliance.

Career options

Depending on the subjects taken, graduates may seek registration as a trade mark attorney and/or patent attorney in Australia. Arts administrators or media professionals may enhance career options through building expertise in the commercialisation or management of intellectual property assets. Other career options include: patent and trade marks attorney, IP lawyer, IP portfolio manager, policy maker and government regulator.

This course enables overseas registered attorneys to undertake the necessary subjects that the Professional Standards Board requires for Australian registration.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Previous qualifications can be in any discipline. Admission is at the discretion of the associate dean (teaching and learning).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

6cp

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

UTS may grant successful applicants advanced standing or exemption from one or more subjects but the Professional Standards Board for Patent and Trade Marks Attorneys (PSB) has no authority to recognise, for the purpose of registration as a Patent Attorney or Trade Marks Attorney, such exemptions. Students intending to seek registration need to seek exemption from the PSB. Further information is available from:

The Secretary

Professional Standards Board for Patent and Trade Marks Attorneys PO Box $200\,$

Woden ACT 2606

telephone +61 2 6283 2345

fax +61 2 6285 1048

 $email\ mail.psb@ipaustralia.gov.au$

www.psb.gov.au

Exemptions are generally not granted for subjects not primarily directed to Australian law.

Course duration and attendance

The course can be completed in one year of full-time or one-and-a-half years of part-time study. Students commencing in Spring semester require an additional semester to complete the course.

Most subjects within this course can be studied by distance online and require no on-campus attendance. All lectures, tutorials, course materials and assessments are distributed by a combination of web-based technology and electronic media. Students conduct all communication with the lecturer by electronic means. A number of subjects are concurrently offered in traditional face-to-face, on-campus format.

Course structure

The course requires completion of 36 credit points of subjects. Subjects are timetabled annually, but not all subjects are offered every semester. The current timetable can be found at:

http://timetable.uts.edu.au

Course completion requirements

CBK90713 Choice 36cp Total 36cp

Articulation with UTS courses

Subjects undertaken within the Graduate Certificate in Trade Mark Law and Practice (C11130) (see page 445) or Graduate Certificate in Intellectual Property (C11229) (see page 466) are recognised within the Graduate Diploma in Intellectual Property (C06099) (see page 394). Students enrolled in either graduate certificate may apply to internally transfer to the graduate diploma program. Candidates are not awarded the graduate certificate but subjects undertaken are applied towards the graduate diploma program.

Professional recognition

Subject to final board approval, where applicants have a requisite tertiary qualification as stipulated by the Professional Standards Board for Patent and Trade Marks Attorneys, this course satisfies the educational requirements necessary for registration as a Registered Trade Marks Attorney in Australia.

Other information

Further information for future students is available from:

telephone +61 2 9514 3660

email law@uts.edu.au

Further information for current students is available from:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C06100v1 Graduate Diploma in Pharmaceutical Sciences

Award(s): Graduate Diploma in Pharmaceutical Sciences

(GradDipPharmSc)

CRICOS code: 075569E

Commonwealth-supported place?: No

Load credit points: 48

Course EFTSL: 1

Notes

This is an exit-only course. There is no direct admission to it. Current UTS students may be able to transfer into this course. Check with your faculty.

Overview

Transfer is for students enrolled in the Master of Pharmacy (C04252) (see page 376).

Course completion requirements

96001	Introduction to Pharmacy	6ср
96002	Concepts in Pharmaceutical Sciences	6ср
96003	Pharmaceutics	6ср
96004	Professional Services 1	6ср
96005	Professional Services 2	6cp
96006	Integrated Therapeutics 1	6ср
96007	Drug Disposition	6cp
96008	Evidence Based Practice	6cp
		Total 48cp

Course program

The course program is shown below.

Drug Disposition

Evidence Based Practice

Introduction to Pharmacy

Year 1

96001

96007

96008

Autumn semester

96002	Concepts in Pharmaceutical Sciences	6ср
96003	Pharmaceutics	6cp
96004	Professional Services 1	6cp
Spring s	emester	
96005	Professional Services 2	6ср
96006	Integrated Therapeutics 1	6cp

Exit award

This in an exit-only course for students enrolled in the Master of Pharmacy (C04252) (see page 376). Direct entry is not available.

Other information

For further information, contact UTS: Pharmacy: email pharmacy@uts.edu.au www.pharmacy.uts.edu.au

C06101v1 Graduate Diploma in Integrated Communication

Award(s): Graduate Diploma in Integrated Communication

(GradDipIntegratedComm)

UAC code: 942537 (Autumn semester), 945537 (Spring semester)

CRICOS code: 074718E

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

In the Graduate Diploma in Integrated Communication, students develop specialised skills in integrated communication applicable to the private, not-for-profit and public sectors. Students enhance their knowledge of advertising and media relations and explore the relationship between public relations and marketing in integrated communication practice.

This course is suitable for either current practitioners in this field or for those wishing to specialise in this area of practice. Academic staff involved in the course have substantial industry experience and have undertaken research in the field.

Course aims

Graduates of this course have:

- advanced understanding of communication and its management
- the ability to synthesise communication theory and practice
- the ability to analyse, design, cost and evaluate an integrated communication strategy
- a sensitivity to ethical and legal issues related to communication
- a capacity to reflect on the roles and responsibilities of communicators
- the capacity to apply perspectives that are intercultural and global, and
- a sensitivity to issues of exclusion, equity and justice.

A full list of the graduate attributes of the course is available from UTS: Communication.

Career options

Career options include roles in public relations for the corporate sector, as well as those related to integrated marketing communication, corporate communication, fundraising, international communication, media liaison and public affairs.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who have completed a bachelor's, graduate diploma or master's in any field of study or a graduate certificate in a related field of study can apply. Applicants who do not possess the relevant qualification must submit a CV and personal statement outlining their educational and professional achievements.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying

6ср

6ср

6ср

on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students who have graduated with a UTS Bachelor of Arts in Communication (Public Communication) (C10248) (see page 256) may be granted up to one third of the postgraduate course in credit recognition. Other relevant qualifications are considered on a case-by-case basis.

Course duration and attendance

The course is offered on a one-year, full-time or equivalent part-time basis.

Course structure

This course totals 48 credit points of study consisting of three core foundation subjects (24 credit points) and three core subjects in the Integrated Communication specialisation (24 credit points).

Full-time students are required to undertake 24 credit points a semester. Part-time students should undertake 8 or 16 credit points a semester.

Course completion requirements

STM90751 Core foundation subjects	24cp
STM90750 Integrated Communication	24cp
	Total 48cp

Course program

Typical course programs are shown below for both full-time and parttime students, commencing in both Autumn and Spring semesters.

Autumn commencing, full time

Year 1

Autumn	semester
E7007	1 /1 +

57996	Marketing and Corporate Communication	8ср
57023	Communicating with Publics	8cp
57132	Media Relations	8cp
Spring s	emester	
57131	Inventive Media Advertising	8cp
57025	Intercultural and International Communication	8cp
57022	Foundations of Communication	8cp

Spring commencing, full time

Year 1

	semes	

57131	Inventive Media Advertising	8cr
57025	Intercultural and International Communication	8cr
57023	Communicating with Publics	8cr

Year 2

∆utumn semester

57022	Foundations of Communication	8ср
57996	Marketing and Corporate Communication	8cp
57132	Media Relations	8cp

Autumn commencing, part time

Year 1

57022 57023	Foundations of Communication Communicating with Publics	8cp 8cp
Spring s	semester	
57131	Inventive Media Advertising	8cp

Year 2

Autumn semester

Autuilli	eniestei	
57132	Media Relations	8cp
57996	Marketing and Corporate Communication	8cp

Spring semester

Spilling se	IIIESIEI	
57025	Intercultural and International Communication	8ср

Spring commencing, part time

Vaar 1

Spring s	emester	
57022	Foundations of Communication	8cp
57023	Communicating with Publics	8cp

Year 2

Autumn semester

5/132	Media Relations	;	8ср

Spring semester

57025	Intercultural and International Communication	8ср
57131	Inventive Media Advertising	8cp

Year 3

Autumn semester

57996	Marketing and Corporate Communication	8ср
0.,,	marketing and corporate communication	000

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Diploma in Integrated Communication, Graduate Diploma in Communication Management (C06105) (see page 399), Graduate Diploma in Public Relations (C06103) (see page 398), Graduate Diploma in Organisational Change and Communication (C06102) (see page 396) and the Master of Arts in Communication Management (C04254) (see page 377).

Professional recognition

Courses in the postgraduate program in Communication Management at UTS have been accredited with the Public Relations Institute of Australia (PRIA) for over 20 years. UTS will apply for this new graduate diploma to be accredited with the institute so that graduates have an accelerated path to professional membership of the PRIA.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C06102v1 Graduate Diploma in Organisational Change and Communication

Award(s): Graduate Diploma in Organisational Change and Communication (GradDipOrgChangeComm)

UAC code: 942540 (Autumn semester), 945540 (Spring semester)

CRICOS code: 074719D

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The Graduate Diploma in Organisational Change and Communication develops students' capacities for managing internal communication as organisations initiate and adapt to changes in their environments. Students learn about change communication management, communicating with internal publics such as employees or members, and learning in organisations.

The course is suitable for either current practitioners in this area or for those wishing to specialise in this field of practice. Academic staff involved in the course have substantial industry experience and have undertaken research in the field.

Course aims

Graduates of this course have:

- advanced understanding of communication and its management
- the ability to synthesise communication theory and practice
- the ability to analyse, design, cost and evaluate a communication strategy
- a sensitivity to ethical and legal issues related to communication
- a capacity to reflect on the roles and responsibilities of communicators

- the capacity to apply perspectives that are intercultural and
- a sensitivity to issues of exclusion, equity and justice.

Career options

Career options include roles in communication management, particularly change communication and internal communication. Other roles include public relations managers, community relations, corporate communication and international communication.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who have completed a bachelor's, graduate diploma or master's in any field of study or a graduate certificate in a related field of study can apply. Applicants who do not possess the relevant qualification must submit a CV and personal statement outlining their educational and professional achievements.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students who have graduated with a UTS Bachelor of Arts in Communication (Public Communication) (C10248) (see page 256) may be granted up to one third of the postgraduate course in credit recognition. Other relevant qualifications are considered on a caseby-case basis.

Course duration and attendance

The course is offered on a one-year, full-time or equivalent part-time basis.

Course structure

This course totals 48 credit points of study consisting of three core foundation subjects (24 credit points) and three core subjects in the Organisational Change and Communication specialisation (24 credit points).

Full-time students are required to undertake 24 credit points a semester. Part-time students should undertake 8 or 16 credit points

Course completion requirements

STM90751 Core foundation subjects	24cp
STM90749 Organisational Change and Communication	24cp
ŭ ŭ	Total 48cp

Course program

Typical course programs are shown below for both full-time and parttime students, commencing in both Autumn and Spring semesters.

Autumn commencing, full time

Year 1

Autumn semester

57994	Managing Organisational Communication	8ср
57023	Communicating with Publics	8ср
57035	Organisational Change and Communication	8ср
Spring se	emester	
57995	Learning in Organisations	8ср
57025	Intercultural and International Communication	8ср
57022	Foundations of Communication	8cp

Spring commencing, full time

Year 1

Year 1		
Spring sen	nester	
57995	Learning in Organisations	8cp
57025	Intercultural and International Communication	8cp
57023	Communicating with Publics	8cp
Year 2		
Autumn se	emester	
57994	Managing Organisational Communication	8cp
57022	Foundations of Communication	8cp
57035	Organisational Change and Communication	8cp
Autumn c	ommencing, part time	
Year 1		
Autumn se	emester	
57022	Foundations of Communication	8ср
57023	Communicating with Publics	8cp
Spring sen	nester	
57025	Intercultural and International Communication	8cp
Year 2		
Autumn se	emester	
57035	Organisational Change and Communication	8ср
57994	Managing Organisational Communication	8cp
Spring sen	nester	
57995	Learning in Organisations	8cp
Spring co	mmencing, part time	
Year 1		
Spring sen	nester	
57022	Foundations of Communication	8ср
57023	Communicating with Publics	8cp
Year 2		
Autumn se	emester	
57035	Organisational Change and Communication	8ср
Spring sen		-
57025	Intercultural and International Communication	8ср
57995	Learning in Organisations	8cp

Year 3

Autumn semester

57994	Managing Organisational Communication	8ср
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Articulation with UTS courses

This course is part of an articulated program comprised of the Graduate Diploma in Organisational Change and Communication, Graduate Diploma in Communication Management (C06105) (see page 399), Graduate Diploma in Public Relations (C06103) (see page 398), Graduate Diploma in Integrated Communication (C06101) (see page 395) and the Master of Arts in Communication Management (C04254) (see page 377).

Professional recognition

Courses in the postgraduate program in Communication Management at UTS have been accredited with the Public Relations Institute of Australia (PRIA) for over 20 years. UTS will apply for this new graduate diploma to be accredited with the institute so that graduates have an accelerated path to professional membership of the PRIA.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C06103v1 Graduate Diploma in Public Relations

Award(s): Graduate Diploma in Public Relations (GradDipPR) UAC code: 942534 (Autumn semester), 945534 (Spring semester)

CRICOS code: 074720M

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The Graduate Diploma in Public Relations offers students a professional qualification and scholarly development in essential features of public relations practice; from campaign development to issues management and media relations.

The course is suitable for students early in their careers as communication professionals. Academic staff involved in the course have substantial industry experience and have undertaken research in the field.

Course aims

Graduates of this course have:

- advanced understanding of communication and its management
- the ability to synthesise communication theory and practice
- the ability to analyse, design, cost and evaluate a public relations strategy
- a sensitivity to ethical and legal issues related to communication
- a capacity to reflect on the roles and responsibilities of communicators
- the capacity to apply perspectives that are intercultural and global, and
- a sensitivity to issues of exclusion, equity and justice.

A full list of the graduate attributes of the course is available from UTS: Communication.

Career options

Career options include roles in public relations and communication management, community relations, corporate communication, integrated communication, internal communication, international communication, media liaison, public affairs and positions related to communication advising.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who have completed a bachelor's, graduate diploma or master's in any field of study or a graduate certificate in a related field of study can apply. Applicants who do not possess the relevant qualification must submit a CV and personal statement outlining their educational and professional achievements.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students who have graduated with a UTS Bachelor of Arts in Communication (Public Communication) (C10248) (see page 256) may be granted up to one third of the postgraduate course in credit recognition. Other relevant qualifications are considered on a case-by-case basis.

Course duration and attendance

The course is offered on a one-year, full-time or equivalent part-time basis.

Course structure

This course totals 48 credit points of study consisting of three core foundation subjects (24 credit points) and three core subjects in the Public Relations specialisation (24 credit points).

Full-time students are required to undertake 24 credit points a semester. Part-time students should undertake 8 or 16 credit points a semester.

Course completion requirements

STM90751 Core foundation subjects	24cp
STM90748 Public Relations	24cp
	Total 48cp

Course program

Typical course programs are shown below for both full-time and parttime students, commencing in both Autumn and Spring semesters.

Autumn commencing, full time

Voor 1

Autumn semester

57022	Foundations of Communication	8ср
57023	Communicating with Publics	8cp
57132	Media Relations	8cp
Spring se	mester	
57026	Strategic Communication and Negotiation	8ср
57025	Intercultural and International Communication	8cp
57024	Managing Public Communication Strategies	8cp

Spring commencing, full time

Voor '

Spring semester

57025	Intercultural and International Communication	8ср
57023	Communicating with Publics	8cp
57026	Strategic Communication and Negotiation	8cp

Year 2

Autumn semester

57022	Foundations of Communication	8ср
57132	Media Relations	8cp
57024	Managing Public Communication Strategies	8cp

Autumn commencing, part time

Year 1

Autumn semester

Spring semester

57022	Foundations of Communication	8ср
57023	Communicating with Publics	8cp

57026 Strategic Communication and Negotiation 8cp

Year 2

Autumn semester

57132	Media Relations	8cp
Spring se	mester	

57025 Intercultural and International Communication 8cp

Spring commencing, part time

Year 1

Spring semester

Op9 50	inester	
57022	Foundations of Communication	8ср
57023	Communicating with Publics	8cp

Year 2

Autumn s	semester	
57024	Managing Public Communication Strategies	8cp
Spring se	mester	
57026	Strategic Communication and Negotiation	8ср
57025	Intercultural and International Communication	8cn

Year 3

Autumn semester

57132 Media Relations 8cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Diploma in Public Relations, Graduate Diploma in Communication Management (C06105) (see page 399), Graduate Diploma in Integrated Communication (C06101) (see page 395), Graduate Diploma in Organisational Change and Communication (C06102) (see page 396) and the Master of Arts in Communication Management (C04254) (see page 377).

Professional recognition

Courses in the postgraduate program in Communication Management at UTS have been accredited with the Public Relations Institute of Australia (PRIA) for over 20 years. UTS will apply for this new graduate diploma to be accredited with the institute so that graduates have an accelerated path to professional membership of the PRIA.

Other information

Further information is available from the UTS Student Centre on:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C06105v1 Graduate Diploma in Communication Management

Award(s): Graduate Diploma in Communication Management (GradDipCommM)

UAC code: 942510 (Autumn semester), 945510 (Spring semester)

CRICOS code: 032340D

Commonwealth-supported place?: No

Load credit points: 48 Course FFTSL · 1 Location: City campus

Overview

The Graduate Diploma in Communication Management explores foundation studies and skills for professional communication practice. It is designed for current and prospective communication professionals seeking a professional qualification and scholarly development in the broad field of communication management.

Academic staff involved in the course have substantial industry experience and have undertaken research in the field.

Course aims

Graduates of this course have:

- advanced understanding of communication and its management
- the ability to synthesise communication theory and practice
- the ability to analyse, design, cost and evaluate a communication strategy
- a sensitivity to ethical and legal issues related to communication
- a capacity to reflect on the roles and responsibilities of communicators
- the capacity to apply perspectives that are intercultural and global, and
- a sensitivity to issues of exclusion, equity and justice.

A full list of the graduate attributes of the course is available from UTS: Communication.

Career options

Career options include roles in the field of communication management such as public relations, communication advising, community relations, corporate communication, integrated communication, internal communication, international communication, media liaison and public affairs.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who have completed a bachelor's, graduate diploma or master's in any field of study or a graduate certificate in a related field of study can apply. Applicants who do not possess the relevant qualification must submit a CV and personal statement outlining their educational and professional achievements.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional

Credit recognition

Students who have graduated with the Bachelor of Arts in Communication (Public Communication) (C10248) (see page 256) may be granted up to one third of the postgraduate course in credit recognition. Other relevant qualifications are considered on a caseby-case basis.

Course duration and attendance

The course is offered on a one-year, full-time or equivalent part-time

Course structure

This course totals 48 credit points of study consisting of three core foundation subjects (24 credit points) and three other communication management subjects (24 credit points). Two of the communication management subjects are compulsory and one is an elective.

Full-time students are required to undertake 24 credit points a semester. Part-time students should undertake 8 or 16 credit points a semester.

Course completion requirements

24cp STM90751 Core foundation subjects STM90768 Communication Management 24cp Total 48cp

Course program

Typical course programs are shown below for both full-time and parttime students, commencing in both Autumn and Spring semesters.

Autumn commencing, full time

Year 1

57022

Autumn semester

	57023	Communicating with Publics	8cp
	57035	Organisational Change and Communication	8cp
Spring semester			
	57025	Intercultural and International Communication	8cp
	57024	Managing Public Communication Strategies	8cp
Select 8 credit points of electives			8ср

Foundations of Communication

Autumn commencing, part time

Autumn semester

Foundations of Communication		8cp		
Communicating with Publics		8cp		
Spring semester				
Select 8 credit points from the following options:				
Intercultural and International		•		
Communication	8ср			
7 Electives	8cp			
	Communicating with Publics mester edit points from the following options: Intercultural and International	Communicating with Publics mester edit points from the following options: Intercultural and International Communication 8cp		

Year 2

Autumn semester			
57024	Managing Public Communication Strategies	8cp	
57035	Organisational Change and Communication	8cr	

Spring semester

Select 8 credit points from the following options:			8cp
57025	Intercultural and International		_
	Communication	8ср	
CBK90847	Electives	8cp	

Spring commencing, full time

Year 1

Spring semester			
57022	Foundations of Communication	8ср	
57023	Communicating with Publics	8cp	
57025	Intercultural and International Communication	8cp	

Year 2

Autumn semester			
57024	Managing Public Communication Strategies	8cp	
57035	Organisational Change and Communication	8ср	
Select 8 credit points of electives 8cp			

Spring commencing, part time

Year 1

Spring semester

57022	Foundations of Communication	8cr
57023	Communicating with Publics	8cr

Year 2

Autumn semester

57024 Managing Public Communication Strategies		8ср
Spring se	emester	
57025	Intercultural and International Communication	8cp

Year 3

Autumn semester

57035	Organisational Change and Communication	8cp
Select 8 cre	edit points of electives	8cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Diploma in Communication Management, Graduate Diploma in Public Relations (C06103) (see page 398), Graduate Diploma in Integrated Communication (C06101) (see page 395), Graduate Diploma in Organisational Change and Communication (C06102) (see page 396) and the Master of Arts in Communication Management (C04254) (see page 377).

Professional recognition

Courses in the postgraduate program in Communication Management at UTS have been accredited with the Public Relations Institute of Australia (PRIA) for over 20 years. The Graduate Diploma in Communication Management is accredited with PRIA and graduates have an accelerated path to professional membership.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C06106v1 Graduate Diploma in International Studies

Award(s): Graduate Diploma in International Studies (GradDipIntStudies)

UAC code: 942528 (Autumn semester)

CRICOS code: 026984G

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Note(s)

Students intending to complete the Master of Arts in International Studies (C04262) (see page 384) are encouraged to enrol directly into it, rather than enrolling initially in the graduate diploma and transferring to the master's. This assists students and UTS: International Studies with planning an appropriate sequence of subjects.

Overview

The Graduate Diploma in International Studies is part of an articulated program of study in which students develop or enhance their knowledge of the language and culture of a country chosen from the range offered in the international studies program.

The program provides opportunities for students from any disciplinary background to study a language and culture other than English and thus add an international dimension to their qualification.

Course aims

The program aims to enable students to communicate competently in the language of their specialisation, learn about contemporary society in their chosen country of study, develop intercultural sensitivity, critically reflect on ethical issues in international research, and learn a variety of interdisciplinary skills and knowledge to research contemporary issues and trends in international studies.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

A minimum of two years' language study at an approved tertiary institution is recommended, but not required. Applicants who have completed a bachelor's, graduate diploma or master's in any field of study or a graduate certificate in a related field of study can apply. Applicants who do not possess the relevant qualification must submit a CV and personal statement outlining their educational and professional achievements.

 $The \, English \, proficiency \, requirement \, for \, international \, students \, or \, local \,$ applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a one-year, full-time or equivalent part-time

Course structure

The course totals 48 credit points. There are three compulsory components, which involve at least two semesters' study of a language and culture other than English and the International Studies Research Seminar subject. Students can focus on one of the following countries or majors: Argentina, Canada (Qubec), Chile, China, Colombia, France, Germany, Italy, Japan, Latino USA, Mexico, Spain or Switzerland.

Students may select subjects beyond the lists of elective subjects with the approval of the graduate adviser. Not all subjects are available each semester.

Full-time students undertake 24 credit points a semester. Part-time students should undertake 16 credit points a semester.

Course completion requirements

CBK90891	Language, Culture and Society choice	24cp
979508	Research in International Studies	8cp
CBK90900	Electives (International Studies)	16cp
		Total 48cp

Course program

The example programs below show subject choices for the German Language and Culture option. Students undertaking one of the other language options undertake a similar sequence of subjects.

The part-time program shows the three compulsory subjects (i.e. two language and culture subjects and International Studies Research Seminar) and, as electives, a further two language and culture subjects plus Contemporary Germany.

6cp

6ср

Autumn commencing, full time

Year 1

Autumn comoctor

Autuilli seillestei		
97601 979508	German Language and Culture 1 Research in International Studies	8cp 8cp
Select 8 cre	edit points of electives	8cp
Spring semester		
97602	German Language and Culture 2	8cp
979514	Contemporary Germany	8cp
Select 8 cre	edit points of electives	8cp

Autumn commencing, part time

Year 1

emester				
Research in International Studies German Language and Culture 1	8ср 8ср			
Spring semester				
German Language and Culture 2	8cp			
	Research in International Studies German Language and Culture 1 mester			

Year 2

Autumn s	emester	
97603	German Language and Culture 3	8cp
Spring se	mester	
979514	Contemporary Germany	8ср
97604	German Language and Culture 4	8cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Diploma in International Studies and the Master of Arts in International Studies (C04262) (see page 384). Students who successfully complete this course and who are admitted to the master's course are eligible for credit recognition for completed subjects (48 credit points).

For students planning to articulate to the Master of Arts in International Studies it is highly recommended that they select the contemporary society elective relevant to the country major. In addition, if these students want to proceed to a period of in-country study they must advise UTS: International Studies at least one semester prior to wanting to go overseas.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.internationalstudies.uts.edu.au

C07002v6 Graduate Diploma in Planning

Award(s): Graduate Diploma in Planning (GradDipPlan) Commonwealth-supported place?: No Load credit points: 48 Course EFTSL: 1 Location: City campus

Note(s)

This is an exit-only course. There is no direct admission to it. Current UTS students may be able to transfer into this course. Check with your faculty.

Transfer is only for students enrolled in the Master of Planning (C04007) (see page 301).

Overview

This course provides students with a thorough understanding of the economic, sociological, environmental and other theoretical and practical knowledge underpinning the governance in urban management and urban development. It has a strong focus on sustainable urban development.

With an engaged and practical approach, this course focuses on urban planning and development processes, sustainability and creative development control and enhances knowledge and skills in urban management, property development, urban design and environmental policy. Property development and planning students study a common first year, which develops a mutual understanding of how to balance private and public interests in urban development.

Course aims

Graduates of this course understand the nature and methods of planning and urban management and the interdependency of various urban policy fields, agencies and institutions that enable sound urban outcomes. They can responsibly participate in planning debates, apply sound and appropriate urban design principles, communicate at a superior level and constructively reflect on planning methods and practice.

Graduates also recognise and develop ethical, just and professional methodological approaches and practices.

Career options

Skills in planning and environmental law, development control, strategic planning, community planning and infrastructure management open up careers in government departments and agencies, local government, major development companies and private consulting firms.

Course duration and attendance

The course can be completed on a one-year, full-time basis.

Course structure

The course requires the completion of eight 6-credit-point subjects, totalling 48 credit points of study.

Course completion requirements

STM90502 Core subjects (Property and Planning)	24cp
STM90503 Level 2 core subjects (Planning)	24cp
,	Total 48cp

Course program

An example program is below.

Full time

Year 1

151/12

15144

15145

Autumn semester

13142	introduction to 1 toperty and 1 fairting	στρ
15146	Sustainable Urban Development	6ср
15222	Urban Design	6cp
15241	Urban Economics and Finance	6cp
Spring se	emester	
17700	Planning and Environmental Law	6ср
15143	Group Project A: Urban Renewal	6cp

Group Project B: Greenfields Development

Introduction to Proporty and Planning

Articulation with UTS courses

Development Negotiation

This exit-only course is part of an articulated program comprising the Graduate Certificate in Property and Planning (C11001) (see page 421), the Graduate Diploma in Planning and the Master of Planning (C04007) (see page 301).

Exit award

This exit-only course enables students enrolled in the master's course to exit after completing 48 credit points of study and gain a graduate diploma qualification.

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C07004v4 Graduate Diploma in Project Management

Award(s): Graduate Diploma in Project Management (GradDipPM) Commonwealth-supported place?: No Load credit points: 48 Course EFTSL: 1 Location: City campus; Lille, France

Note(s)

This is an exit-only course. There is no direct admission to it. Current UTS students may be able to transfer into this course. Check with your faculty.

Transfer is for students enrolled in the Master of Project Management (C04006) (see page 300).

Overview

With close industry contact, the course is delivered through block workshops designed to emulate project environments, giving students the opportunity to directly develop their ability to manage real projects. The program is rigorous, and is globally recognised for its tradition of excellence. The UTS program was the first Australian program to be accredited by the Project Management Institute's (PMI) Global Accreditation Centre. The foundation subjects are compatible with the structures used by the PMI and Australian Institute of Project Management (AIPM) to certify practitioners.

This program provides practice-based knowledge, skills and tools for the delivery of different types and sizes of projects and programs across all industry sectors, underpinned by theory and research. At the forefront of industry trends, the UTS program incorporates project complexity, program management, governance, reflective practice and leadership.

Course aims

Successful graduates of the course can:

- 1. select and critically apply relevant theory to practice
- develop and apply appropriate project management methodologies to suit different project and organisational contexts
- 3. demonstrate application of reflective practice
- 4. communicate in a variety of forms across culturally diverse project and organisational contexts
- demonstrate the capacity to take a leadership role in project, program and portfolio management
- demonstrate advanced-level skills in managing relationships between key stakeholders in a variety of contexts both in Australia and internationally
- exhibit an understanding of the application of ethical practice to project governance in a variety of settings both in Australia and internationally
- 8. select and apply creative problem-solving skills to all phases of the project life cycle
- 9. apply critical thinking, analytical and research skills to a range of project and program management contexts
- understand, select from and apply a range of systems thinking approaches to a variety of project and organisational contexts.

Career options

The course is highly regarded by industry as providing in-demand, 'professionally excellent' graduates. Its focus on leadership, program management and governance increases the employability of graduates at senior levels in many local and international industries, including banking and finance, construction and engineering, event management, government, health and IT.

Credit recognition

Applicants with a four-year degree in a related field of study may be given up to 24 credit points of exemptions.

Course duration and attendance

The course can be completed on a one-year, full-time basis.

Course structure

Students choose 48 credit points from a list of available subjects.

Course completion requirements

 CBK90603 PM Foundation
 24cp

 CBK90604 PM choice 2
 24cp

 Total 48cp

Course program

A typical course program is shown below.

Year 1

Autumn semester

Select 24 cr	redit points from the following options:		24cp
15315	Project Management Principles	6ср	-1
15313	Project Procurement and Risk Management	6cp	
15316	Project Time, Cost and Quality Management	6cp	
15312	Communication and Critical Thinking	6ср	
15456	Industry Project Studies A	12cp	
15356	Reflective Project Practice	6ср	
15311	Managing Complex Projects	6ср	
15314	Project Implementation	6ср	
15325	Value Management, Negotiation and		
	Conflict Management	6ср	
15326	Project Management Practicum	6ср	

Spring semester

Select 24 c	redit points from the following options:		24cp
15315	Project Management Principles	6ср	
15313	Project Procurement and Risk Management	6ср	
15316	Project Time, Cost and Quality Management	6ср	
15312	Communication and Critical Thinking	6ср	
15356	Reflective Project Practice	6ср	
15311	Managing Complex Projects	6ср	
15314	Project Implementation	6ср	
15325	Value Management, Negotiation and	_	
	Conflict Management	6ср	
15326	Project Management Practicum	6ср	
15456	Industry Project Studies A	12cp	

Articulation with UTS courses

This exit-only course is part of an articulated program comprising the Graduate Certificate in Project Management (C11005) (see page 422), the Graduate Diploma in Project Management, the Master of Project Management (C04006) (see page 300) and the Master of Business Administration (Project Management major) (C04018) (see page 303). Each stage is self-contained and can be undertaken through part-time or full-time study.

Exit award

This exit-only course enables students enrolled in the master's course to exit after completing 48 credit points of study and gain a graduate diploma qualification.

Professional recognition

This program is accredited by the Project Management Institute's (PMI) Global Accreditation Centre and the Royal Institute of Chartered Surveyors (RICS). It is endorsed by the Australian Institute of Project Management (AIPM), which is a member of the International Project Management Association (IPMA).

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

C07012v6 Graduate Diploma in Accounting and Finance

Award(s): Graduate Diploma in Accounting and Finance (GradDipAccFin) CRICOS code: 020411D

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

 $The Graduate \ Diploma\ in\ Accounting\ and\ Finance\ provides\ advanced level\ material\ in\ core\ contemporary\ accounting\ and\ finance\ issues.$

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

If the previous qualification is not in a related field, applicants require a minimum of two years' relevant work experience or satisfactory completion of a relevant graduate certificate from UTS or other recognised higher education institution.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of five subject exemptions, of which two core subjects may be approved from prior undergraduate study.

Course duration and attendance

The course can be completed in one year of full-time or two years of part-time study.

Course structure

The course comprises 48 credit points of core subjects.

Course completion requirements

25741	Capital Markets	6ср
25765	Corporate Finance	6ср
22748	Financial Reporting and Analysis	6ср
22754	Corporate Accounting	6cp
22747	Accounting for Managerial Decisions	6cp
23706	Economics for Management	6cp
25742	Financial Management	6cp
79708	Contemporary Business Law	6cp
	1 ,	Total 48cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Accounting and Finance (C11015) (see page 423), the Graduate Diploma in Accounting and Finance, and the Master of Business in Accounting and Finance (C04038) (see page 306).

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660

email business@uts.edu.au

www.business.uts.edu.au/pg/

C07018v4 Graduate Diploma in Management

Award(s): Graduate Diploma in Management (GradDipM)

CRICOS code: 009678C

Commonwealth-supported place?: No

Load credit points: 48

Course EFTSL: 1

Location: City campus (Haymarket), although subjects may also be selected from among those offered at Kuring-gai campus

Overview

The Graduate Diploma in Management aims to extend the management skills gained by students in the Graduate Certificate in Management by providing the opportunity to explore these skills in greater breadth and depth.

An innovative, flexible structure provides students with maximum choice in selecting subjects and programs of study tailored to meet their personal and professional needs.

Course aims

The Graduate Diploma in Management is designed to meet the needs of individuals, client organisations and professional bodies for management education.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

If the previous qualification is not in a related field, applicants require a minimum of two years' relevant work experience or satisfactory completion of a relevant graduate certificate from UTS or other recognised higher education institution.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of five subject exemptions, of which two core subjects may be approved from prior undergraduate study.

Course duration and attendance

The course duration is one year of full-time or two years of parttime study.

Course structure

The course totals 48 credit points of core subjects.

Course completion requirements

STM90735 Core subjects (Management)	48cp
,	Total 48cp

Course program

The cours	e program is shown below.	
21717	International Management	6ср
21720	Human Resource Management	6ср
21741	Managing Operations	6ср
21779	Management Skills	6ср
21800	Management and Organisations	6ср
21827	Change Management	6ср
21832	Managing for Sustainability	6ср
21844	Managing Work and People	6ср

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Management (C11021) (see page 424), the Graduate Diploma in Management, and the Master of Business in Management (C04229) (see page 346).

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660

email business@uts.edu.au

www.business.uts.edu.au/rego

C07019v5 Graduate Diploma in Community and Not-for-Profit Management

Award(s): Graduate Diploma in Community and Not-for-Profit

 $Management \ (Grad Dip Community NFPM)$

CRICOS code: 032341C

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The Graduate Diploma in Community and Not-for-Profit Management builds on the graduate certificate and extends skills and knowledge in human resource and legal aspects of non-profit management. It also offers an opportunity to pursue areas of specialist interest.

The course is industry-relevant and flexible study modes are offered.

Career options

Career options include management of non-government or non-profit organisations.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of five subject exemptions, of which two core subjects may be approved from prior undergraduate study.

Course duration and attendance

The course duration is one year of full-time or two years of part-time study. This course is taught in flexible mode, including three intensive workshops of five days each, self-managed learning packages and learning partnerships to develop peer-supported networks.

Course structure

The course comprises 48 credit points of study, consisting of eight core subjects.

Course completion requirements

21766	Managing Community Organisations	6ср
21767	Not-for-Profit Sector Theory and Context	6cp
21817	Volunteer Management	6cp
21778	Resource Mobilisation	6ср
21879	Corporate Social Responsibility and	-
	Social Impact	6ср
27729	Legal Issues for the Experience and	-
	Not-for-Profit Industries	6ср
22747	Accounting for Managerial Decisions	6ср
21751	Management Research Methods	6ср
	_	Total 48cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Community and Not-for-Profit Management (C11024) (see page 425), the Graduate Diploma in Community and Not-for-Profit Management, and the Master of Management (C04239) (see page 357).

Other information

Further information is available from the UTS: Business on: telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg/

C07021v7 Graduate Diploma in Finance

Award(s): Graduate Diploma in Finance (GradDipFin)

CRICOS code: 020210B

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The Graduate Diploma in Finance provides financial institution knowledge and decision-making skills for executives in financial institutions, corporations and financial consultancies.

The course provides participants with the opportunity to acquire knowledge of finance theory and techniques for leading-edge professional practice purposes.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

The equivalent qualification required is a bachelor's degree in any discipline or satisfactory completion of a relevant graduate certificate from UTS or other recognised higher education institution.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of five subject exemptions, of which two core subjects may be approved from prior undergraduate study.

Course duration and attendance

The course may be completed in one year of full-time or two years of part-time study.

Course structure

The course comprises 48 credit points of core subjects.

Course completion requirements

Course	completion requirements	
25705	Financial Modelling and Forecasting	6ср
25741	Capital Markets	6ср
25721	Investment Management	6ср
22747	Accounting for Managerial Decisions	6ср
23706	Economics for Management	6ср
25742	Financial Management	6ср
25765	Corporate Finance	6ср
25731	International Finance	6ср
		Total 48cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Finance (C11027) (see page 425), the Graduate Diploma in Finance and the Master of Business in Finance (C04048) (see page 307).

Professional recognition

The course covers a broad range of the specialist knowledge areas required to be ASIC RG146 registered.

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660

email business@uts.edu.au

www.business.uts.edu.au/pg/

C07023v3 Graduate Diploma in Quantitative Finance

 $Award(s): Graduate\ Diploma\ in\ Quantitative\ Finance\ (GradDipQF)$

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Note(s)

This course is not offered to international students.

Overview

The Quantitative Finance program provides the opportunity to acquire the detailed specialised knowledge and the professional competency required to work as a quantitative finance analyst in the modern finance industry.

This course provides the core knowledge of the modern financial instruments and the fundamentals of the specialised quantitative finance skills required for a basic professional competency in quantitative finance.

Career options

Career options for graduates include positions as quantitative analysts, risk management analysts, quantitative structures, quantitative developers, forecasters, traders, investment analysts and financial engineers across investment banks, trading banks, hedge funds, investment management companies, consulting companies, energy and mining companies, regulatory bodies and government organisations.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Previous qualifications must be in finance or with a strong mathematical background. Entry to the course is at the discretion of the course director.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Credit recognition

Students may be granted a maximum of five subject exemptions in the Graduate Diploma in Finance, of which two core subjects may be approved from prior undergraduate study.

Course duration and attendance

The course duration is two years of part-time study.

Course structure

The course totals 48 credit points, comprising core subjects and options.

Course completion requirements

STM90318 Core subjects (Quantitative Finance)

48cp Total 48cp

Course program

The course	program is shown below.		
25832	Financial Markets Instruments		6ср
25834	Portfolio Analysis		6ср
25837	Financial Econometrics		6ср
25854	Statistical Methods for Quantitative Finance		6ср
25855	Fundamentals of Derivative Security Pricing		6ср
25856	Probability Theory and Stochastic Processes		6cp
Select 12 cı	redit points from the following options:		12cp
25849	Financial Risk Management	6ср	•
25850	Credit Risk	6ср	
25851	Mathematical Finance	6ср	
25857	Interest Rate Modelling	6ср	

Articulation with UTS courses

Students who successfully complete this course may apply for admission to the Master of Quantitative Finance (C04052) (see page 308).

Other information

Further information is available from UTS: Business on: telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg

C07027v7 Graduate Diploma in Tourism Management

Award(s): Graduate Diploma in Tourism Management (GradDipTourismM) CRICOS code: 006583A

Commonwealth-supported place?: No

Load credit points: 48

Course EFTSL: 1

Location: Kuring-gai campus, although subjects may also be selected from among those offered at City campus (Haymarket)

Overview

The Graduate Diploma in Tourism Management is designed to develop critical, interpretive and problem-solving skills, and to provide a broad coverage of the tourism management field and some opportunity for studying areas of specific interests.

The course has been developed to meet the demand for professionals with a high level of management expertise.

Course aims

Throughout the course, emphasis is placed on the acquisition of strategic planning skills for tourism development, management and marketing.

Career options

Career options include management, marketing and policy-analysis roles in national and regional tourism offices, hotels, airlines, tour operators, tourist attractions and events.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

The equivalent qualification required is a bachelor's degree in any discipline or satisfactory completion of a relevant graduate certificate.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of five subject exemptions, of which two core subjects can be approved from prior undergraduate study.

Course duration and attendance

The course is one year of full-time or two years of part-time study. It is offered at Kuring-gai campus, although some subjects may be offered at City campus.

Course structure

The course comprises 48 credit points, consisting of eight subjects.

Course completion requirements

27735	Tourism and the Industry	6ср
27767	Tourist Behaviour	6ср
21751	Management Research Methods	6ср
27733	The Experience Economy	6ср
27706	Managing Tourism Services	6ср
27734	Marketing for the Experience Industries	6ср
27700	Sustainable Tourism Management	6ср
22747	Accounting for Managerial Decisions	6ср
		Total 48cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Tourism Management (C11035) (see page 426), the Graduate Diploma in Tourism Management and the Master of Management (C04239) (see page 357).

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/gsb

C07028v7 Graduate Diploma in Arts Management

Award(s): Graduate Diploma in Arts Management (GradDipAM)

CRICOS code: 009676E

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1

Location: City campus (Haymarket), although some subjects are offered at Kuring-gai campus

Overview

The Graduate Diploma in Arts Management builds on the graduate certificate to develop students' critical, interpretive and problem-solving capabilities. It provides a solid grounding in the fundamentals of arts management and cultural policy, while providing room for some specialisation and the development of specific interests.

The course offers a combination of core management subjects specifically designed for the arts environment. The Graduate Diploma is an extremely popular course and is held in high regard by the arts industry.

Course aims

The course provides both theoretical and applied knowledge relevant to Australia's contemporary arts and cultural environment and related industries.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

The equivalent qualification required is a bachelor's degree in any discipline or satisfactory completion of a relevant graduate certificate. The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5

overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of five subject exemptions, of which two subjects can be approved from prior undergraduate study.

Course duration and attendance

The course is one year of full-time or two years of part-time study. It is offered mainly at City campus (Haymarket). Some subjects may be offered at Kuring-gai campus.

Course structure

The course comprises 48 credit points, consisting of eight subjects.

Course completion requirements

27753	Arts and Cultural Industries	6ср
27755	Arts Organisations and Management	6ср
21751	Management Research Methods	6ср
27733	The Experience Economy	6ср
22747	Accounting for Managerial Decisions	6ср
27734	Marketing for the Experience Industries	6ср
27763	Arts and Cultural Policy	6cp
27717	Venue and Facility Management	6cp
	, o	Total 48cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Arts Management (C11033) (see page 426), the Graduate Diploma in Arts Management and the Master of Management (C04239) (see page 357).

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg

C07029v6 Graduate Diploma in Sport Management

Award(s): Graduate Diploma in Sport Management (GradDipSportM) CRICOS code: 014223C

Commonwealth-supported place?: No

Load credit points: 48

Course EFTSL: 1

Location: Kuring-gai campus, although subjects may be selected from among those offered at City campus (Haymarket)

Overview

The Graduate Diploma in Sport Management is designed to develop critical, interpretive and problem-solving skills and to provide a broad coverage of the sport management field.

The course provides specific training in sport management and offers some opportunity for the development of specific interests.

Course aims

The course provides the theoretical knowledge needed to understand the changing nature of the Australian sport environment.

Career options

Career options include sport marketing and sponsorship, sport public relations, sport venue management, sport event management, human resource management in sport, player management, and sport policy development.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

The equivalent qualification required is a bachelor's degree in any discipline or satisfactory completion of a relevant graduate certificate.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of five subject exemptions, of which two subjects can be approved from prior undergraduate study.

Course duration and attendance

The course is one year of full-time or two years of part-time study. It is offered at Kuring-gai campus. Some subjects may be offered at City campus.

Course structure

The course comprises 48 credit points, consisting of eight subjects.

Course completion requirements

27732	Sport Organisations	6ср
27715	Sport Business	6cp
21751	Management Research Methods	6cp
27733	The Experience Economy	6ср
27717	Venue and Facility Management	6ср
27734	Marketing for the Experience Industries	6ср
27721	Sport Globalisation	6ср
22747	Accounting for Managerial Decisions	6ср
	- 0	Total 48cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Sport Management (C11037) (see page 427), the Graduate Diploma in Sport Management and the Master of Management (C04239) (see page 357).

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg

C07031v6 Graduate Diploma in Marketing

Award(s): Graduate Diploma in Marketing (GradDipMktg)

CRICOS code: 008678M

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The Graduate Diploma in Marketing provides a thorough understanding of the basic principles of marketing, marketing research, the motivations of customers and marketing management.

The course assists students in developing the ability to identify and analyse marketing management problems and fosters skills in generating marketing strategies to solve problems in the marketing domain, both in Australia and overseas.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

If the previous qualification is not in a related field, applicants require a minimum of two years' relevant work experience or satisfactory completion of a relevant graduate certificate from UTS or other recognised higher education institution.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of five subject exemptions, of which two core subjects can be approved from prior undergraduate study.

Course duration and attendance

The course can be completed in one year of full-time or two years of part-time study.

Course structure

The course comprises 48 credit points, made up of four core subjects (24 credit points) and a choice of one of three specialised streams (24 credit points each) or a generalist choice block (24 credit points).

Course completion requirements

STM90720 Core subjects (Marketing)	24cp
Select one of the following:	24cp
CBK90635 Marketing streams	24cp
CBK90706 Generalist Marketing choice	24cp
	Total 48cp

Course program

	The course	e program is shown below.		
	24710	Buyer Behaviour		6ср
	24720	Marketing Research		6ср
	24730	Marketing Strategy		6ср
	24734	Marketing Management		6ср
Select 24 credit points from the following options:				24cp
	STM90717	Marketing Management	24cp	-
		Marketing Strategy	24cp	
	STM90719	Marketing Research	24cp	
	CBK90706	Generalist Marketing choice	24cp	

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Marketing (C11039) (see page 428), the Graduate Diploma in Marketing, and the Master of Business in Marketing (C04067) (see page 308).

Professional recognition

Completion of this course meets the educational requirements for Professional Postgraduate Diploma in Marketing entry point to Chartered Institute of Marketing (CIM).

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660

email business@uts.edu.au

www.business.uts.edu.au/pg

C07044v3 Graduate Diploma in Nursing

Award(s): Graduate Diploma in Nursing (GradDipN)

UAC code: 942830 (Autumn semester), 945830 (Spring semester)

CRICOS code: 000360J

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1

Location: Kuring-gai campus

Note(s)

This course also has a mid-year intake.

Overview

This course is designed to provide registered nurses with a wide range of options to further their study in the field of nursing. Students gain knowledge, expertise and competencies in one of many clinical specialty areas, clinical teaching or clinical management (international students must undertake the Clinical Teaching sub-major or the Clinical Management sub-major).

Students can customise their program to meet personal learning needs or workplace requirements in order to further their career with sub-majors available in acute care nursing, anaesthetics and recovery room nursing, child and family health nursing, children's nursing, clinical management, clinical teaching, critical care nursing, diabetes education and management, mental health nursing, neonatal nursing, neuroscience nursing and perioperative nursing.

Course aims

This course aims to:

- develop the student's career as a clinician, manager or educator
- extend and enhance existing skills
- help build confidence and leadership skills
- provide academic experience and qualification
- enhance career prospects.

Career options

Career options include advanced clinical practice, nursing management and nursing education, in both clinical and community areas.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants must hold current registration as a nurse in Australia. Registered nurses who do not have an undergraduate diploma or degree but do have recent relevant work experience and can demonstrate the capacity to undertake tertiary study may also be considered eligible.

Applicants must hold a current Authority to Practise, or be a registered nurse in their own country or place of residence and hold a current Authority to Practise.

Applicants must have concurrent employment in, or access to, the area of study and one year of post-registration clinical experience.

Students' current nursing registration will be confirmed via the National Register of Practitioners at:

www.ahpra.gov.au/Registration/Registers-of-Practitioners.aspx

Students should ensure that details of their registration are up-to-date on this register.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a one-year, full-time or two-year, part-time basis.

Course structure

Students must complete a total of 48 credit points (eight subjects).

The course comprises two core subjects, one sub-major (in a clinical specialty, clinical teaching or clinical management) and two elective subjects.

Note: International students can only undertake the Clinical Teaching sub-major or the Clinical Management sub-major.

Course completion requirements

Select one of the following:	48cp
STM90597 Domestic students	48cp
STM90598 International students	48cp
	Total 48cp

Course program

The part-time program for this course corresponds to the first two years of the Master of Nursing (C04228) (see page 344). An example program for the Critical Care Nursing sub-major in part-time mode is shown below.

Critical Care Nursing sub-major, part time

Year 1

Autumn semester

92918 92713	Fundamentals of Critical Care Nursing Health Breakdown	6ср 6ср
Spring s	emester	
92919	Complex Critical Care	6cp

92919 Complex Critical Care 6cp 92869 Specialty Clinical Practice 6cp

Year 2

Autumn semester

92790	Evidence-based Practice	6ср
92606	Issues in Australian Health Services	6cp
Spring s	emester	
C -1 1 10	1: (: - (- ((1 - (-11 : (1)	10

Select 12 credit points from the following options: 12cp CBK90514 Electives 12cp

Articulation with UTS courses

This course articulates with the Master of Nursing (C04228) (see page 344).

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Cheryl Waters

Course coordinator

telephone +61 2 9514 5741

email Cheryl.Waters@uts.edu.au

www.health.uts.edu.au

6cp

C07048v7 Graduate Diploma in **Health Services Management**

Award(s): Graduate Diploma in Health Services Management (GradDipHSM)

UAC code: 942815 (Autumn semester), 945815 (Spring semester)

CRICOS code: 040692B

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Note(s)

This course offers a mid-year intake for local and international

Overview 3 1

This is an intermediate-level course in health services management and aims to expand students' knowledge and future career opportunities. The course develops students' knowledge and skills, which leads to an enhanced capacity to plan and manage health services.

Graduates of this course are exposed to academic and industry leaders who share their experience and knowledge to facilitate insight into the contemporary health service management environment.

Course aims

This course is designed to prepare new, aspiring, and middle health managers for roles in health services management in a variety of settings.

Career options

Career options include positions in health authorities, hospitals, primary and community care, aged care services, and other healthcare facilities in the public, private, not-for-profit, government and nongovernment health sectors.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who do not have an undergraduate degree but who have extensive relevant work experience in a health or human services field may also be considered eligible.

Applicants must have at least a minimum of one year, full-time (or part time equivalent) experience in a medium to large organisation. Health or human services experience is preferred. Work experience undertaken in small work settings (e.g. private practice settings with a small number of professionals) or as part of intern requirements are not accepted.

 $The \, English \, proficiency \, requirement \, for \, international \, students \, or \, local \,$ applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances

Course duration and attendance

The course is offered on a one-year, full-time or two-year, part-time

Subjects are offered via on-campus study. Part-time students usually study two subjects a semester.

Course structure

Students must complete a total of 48 credit points, comprising six core subjects offered by UTS: Health, and two electives offered by UTS: Health and UTS: Business..

Course completion requirements

STM90763 Core subjects (Health Services Management) 36ср CBK90879 Electives 12cp Total 48cp

Course program

Example programs for students undertaking the course full time and part time and commencing in Autumn semester are shown below.

Issues in Australian Health Services

Autumn commencing, full time

Year 1

92606

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92296 92050	Epidemiology and Population Health Policy, Power and Politics in Health Care		6cp 6cp	
Select 6 credit points from the following options: CBK90879 Electives 12cp			6ср	
Spring semester				
92603 92887 92917	Managing Quality, Risk and Cost in Health Organisational Management in Health Care Using Health Care Data for Decision Makin	<u> </u>	6cp 6cp 6cp	
Select 6 credit points from the following options: CBK90879 Electives 12cp			6ср	

Spring commencing, full time

Year 1

Spring semester

92606	Issues in Australian Health Services		6ср
92603	Managing Quality, Risk and Cost in Health	Care	6ср
92887	Organisational Management in Health Care)	6cp
Select 6 credit points from the following options:			6ср
CBK90879 Electives 12cp			•

Year 2

Autumn semester

92296	Epidemiology and Population Health		6ср
92050	Policy, Power and Politics in Health Care		6ср
92917	Using Health Care Data for Decision Making		6cp
Select 6 credit points from the following options:			6ср
CBK90879 Electives 12cp			

Autumn commencing, part time

Year 1

Autumn semester

92606 92050	Issues in Australian Health Services Policy, Power and Politics in Health Care	6ср 6ср
Spring se	mester	
92887	Organisational Management in Health Care	6ср
92917	Using Health Care Data for Decision Making	6ср
Select 6 credit points of options		6ср

Autumn semester

CBK90879 Electives

92296	Epidemiology and Population Health		6ср
	redit points from the following options: ⁹ Electives	12cp	6ср
Spring s	emester		
92603	Managing Quality, Risk and Cost in Healt	h Care	6ср

Select 6 credit points from the following options:

6ср

Spring commencing, part time

Year 1

_		
~ ı	nrına	semester
21	JI III U	3611163161

92606	Issues in Australian Health Services	6ср
92887	Organisational Management in Health Care	6cp

Year 2

Autumn s	emester	
92050	Policy, Power and Politics in Health Care	6ср
92917	Using Health Care Data for Decision Making	6ср
Spring se	mester	
92603	Managing Quality, Risk and Cost in Health Care	6ср
Select 6 credit points from the following options:		

12cp

Year 3

Autumn semester

CBK90879 Electives

, tataiiii	Jenneste.		
92296	Epidemiology and Population Health		6ср
	redit points from the following options: '9 Electives	12cp	6ср

Articulation with UTS courses

This course is part of an articulated program which comprises the Graduate Certificate in Health Services Management (C11107) (see page 438), the Graduate Diploma in Health Services Management, and the Master of Health Services Management (C11107) (see page 326).

Professional recognition

Australasian College of Health Service Management (ACHSM)

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Dr Jennifer Bichel-Findlay

Course coordinator

email Jennifer.Bichel-Findlay@uts.edu.au

www.health.uts.edu.au

C07070v5 Graduate Diploma in Midwifery

Award(s): Graduate Diploma in Midwifery (GradDipMid) UAC code: 942805 (CSP) (Autumn semester)

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Students admitted to the Graduate Diploma in Midwifery before 2012 should refer to the course entry in the 2011 handbook.

Limited commonwealth-supported places are available.

This course is not offered to international students.

Overview

This course is designed to meet the graduate needs of registered nurses wishing to gain registration to practise in the area of midwifery. It provides a broad theoretical and clinical study in midwifery, and includes a discussion of professional, sociopolitical and ethico-legal issues related to the family, and research skills that enhance midwifery practice and interpersonal processes. Students undertake concurrent employment as a student midwife in an accredited midwifery unit.

Midwives are in high demand at present, in both the public and private health systems, and the current shortage is expected to continue for some time.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants must be a registered nurse in Australia.

Applicants are required to apply for employment in a midwifery student position through the centralised recruitment process. This process is administered by the New South Wales Department of Health Nursing and Midwifery Office. Applications open in July and close in August.

In addition, applicants need to apply to UTS for a position in the Graduate Diploma in Midwifery. This is either through the Universities Admission Centre (UAC) or directly to the University on specific postgraduate information evenings (check UTS website for details). Acceptance in the Graduate Diploma in Midwifery at UTS is dependent on the applicant securing employment as a student midwife.

Applicants also need to be available to attend classes from early February, for the first week of midwifery classes.

Students' current nursing registration will be confirmed via the National Register of Practitioners at:

www.ahpra.gov.au/Registration/Registers-of-Practitioners.aspx

Students should ensure that details of their registration are up-todate on this register.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

This course is offered over a 14-month, full-time period.

Course structure

Students must complete a total of 48 credit points, comprising eight compulsory subjects.

Industrial training/professional practice

The course requires concurrent employment in an accredited midwifery unit for one year (four days a week) in order for students to meet the requirements to gain midwifery registration with the National Board of Nursing and Midwifery.

Course completion requirements

92873	Midwifery Practice 1	6ср
		1
92785	Midwifery in Complex Situations	6ср
92893	Midwifery Practice 2	6ср
92927	Evidence-based Practice (Midwifery)	6ср
92922	The Meaning of Birth	6ср
92636	Preparation for Midwifery Practice	6ср
92631	Midwifery as Primary Health Care	6ср
92637	Supporting Families	6ср
		Total 48cp

Course program

A typical program is shown below.

Year 1

92922

92893

Autumn semester

92636 92873 92631 92927	Preparation for Midwifery Practice Midwifery Practice 1 Midwifery as Primary Health Care Evidence-based Practice (Midwifery)	6cp 6cp 6cp 6cp
Spring se	emester	
92785	Midwifery in Complex Situations	6ср
92637	Supporting Families	6cp

6ср

6ср

Further study at UTS

The Meaning of Birth

Midwifery Practice 2

Students who complete the Graduate Diploma in Midwifery may be eligible to apply for 24 credit points (four specified subjects) of exemptions in the Master of Midwifery (C04247) (see page 371).

Professional recognition

Nursing and Midwifery Board of Australia. See the faculty rules for more information.

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Allison Cummins

Course coordinator

telephone +61 2 9514 4913

email Allison.Cummins@uts.edu.au

www.health.uts.edu.au

C07073v4 Graduate Diploma in Australian Law

Award(s): Graduate Diploma in Australian Law (GradDipAustLaw) UAC code: 942408 (Autumn semester), 945408 (Spring semester)

CRICOS code: 016613F

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Note(s)

This course is not appropriate for applicants who are already admitted to practise as a lawyer in NSW.

Overview

This course is designed to permit appropriately qualified lawyers from jurisdictions outside Australia to satisfy the academic requirements for admission as a lawyer of the Supreme Court of NSW.

Each student's course is individually tailored to their academic requirements, as assessed by the Legal Profession Admission Board of the Supreme Court of NSW (LPAB).

Career options

Career options include lawyer in NSW within a government or corporate department, private law firm or community law centre, providing students also undertake a course in practical legal training (PLT).

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants must hold a bachelor's degree in law from outside Australia or be admitted as a lawyer in a jurisdiction outside Australia.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Applications

Before lodging an application, applicants must contact the LPAB to determine the subjects they are required to complete to be eligible for admission to practise in NSW. Further information about admission is available at:

www.lawlink.nsw.gov.au/lpab

Notification from the LPAB, listing the subjects required, must accompany the application for admission into the course.

Assumed knowledge

Appropriately qualified knowledge of a legal system.

Course duration and attendance

Full-time students can complete this course in a minimum of one year. Part-time students can complete the course in a minimum of one-and-a-half years.

Course structure

The course requires completion of a minimum of 48 credit points. However, each candidate's course of study varies depending on the number of subjects they are required to take in order to be admitted to practice in NSW. Subjects other than those listed below may be substituted depending on what subjects the LPAB requires applicants to complete to be eligible for admission to practice.

Industrial training/professional practice

Applicants should note that in order to gain admission as a lawyer of the Supreme Court of NSW they may also be required to undertake a course in PLT, such as the UTS Practical Legal Training Program.

Course completion requirements

0.1.40	10 1 6 1 6 11 1 11	40
	credit points from the following options:	48cp
70120	Legal Method and Research	6ср
70218	Criminal Law	8ср
70211	Contracts	8cp
70311	Torts	8cp
70616	Australian Constitutional Law	8cp
70317	Real Property	8cp
70327	Commercial Law	6ср
70417	Corporate Law	8cp
70617	Administrative Law	8cp
70517	Equity and Trusts	8cp
70717	Evidence and Criminal Procedure	6ср
75402	Property Transactions	6ср
75403	Commercial and Estate Practice	6ср
75412	Legal Skills	6ср
75413	Advocacy	6ср
75420	Ethics and Professional Conduct	6ср
75421	Civil Litigation	6ср
70115	Perspectives on Law	8cp
	•	Total 48cp

Professional recognition

This course may satisfy the requirements for admission to the Supreme Court of NSW. The Legal Profession Admission Board may recognise subjects attempted within this course. Applicants are advised to obtain written confirmation of the LPAB in recognition of subjects attempted within this course prior to enrolling.

Other information

Further information for future students is available from:

telephone +61 2 9514 3660

email law@uts.edu.au

Further information for current students is available from:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C07074v4 Graduate Diploma in Legal Studies

Award(s): Graduate Diploma in Legal Studies (GradDipLS)

UAC code: 941407 (Summer session), 942407 (Autumn semester), 945407

(Spring semester) CRICOS code: 021718K

Commonwealth-supported place?: No

Load credit points: 36 Course EFTSL: 0.75 Location: City campus

Note(s)

The Graduate Diploma in Legal Studies is not a professional legal qualification. Applicants seeking to be admitted to practice should refer to the Juris Doctor (C04236) (see page 354) or the Bachelor of Laws (C10124) (see page 179). Students may apply for some subjects undertaken within the Graduate Diploma in Legal Studies to be credited towards these degrees.

Overview

The Graduate Diploma in Legal Studies meets the growing need for non-law graduates working in the public and private sectors to have a thorough understanding of the legal and regulatory framework in which they operate. This includes an understanding of foundational legal concepts such as contract law and tort law, methods of legal research and theory, as well as the opportunity to sample specialist legal areas such as compliance and intellectual property law.

The course attracts students from a wide variety of backgrounds interested in expanding their skill portfolio to include an understanding of the legal framework, including professionals from the insurance, human resources, banking and finance industries, managers and administrators, and HSC legal studies teachers.

Career options

This course particularly benefits accountants and auditors, business development managers, compliance managers, engineers and architects, financial advisers and planners, IT professionals, law enforcement officers, paralegals, policy officers in the public, private and non-profit sectors, property developers and public sector managers and administrators (especially those who work in Department of Foreign Affairs and Trade, the Attorney-General's Department and Treasury).

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Previous qualifications must be in a discipline other than law. Admission is at the discretion of the associate dean (teaching and learning).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course can be completed in a minimum of one year of full-time or one-and-a-half years of part-time study. Subjects may also be available in Summer session, allowing accelerated progression.

The course is offered in a variety of attendance patterns, including intensive block attendance and weekly on-campus evening classes.

Course structure

The course requires completion of core subjects, including two compulsory introductory subjects and a choice of two further foundation subjects (30 credit points), plus a further option subject (6 credit points). (Refer to the course entry in the UTS: Handbook 2007 for the pre-2008 course structure. For a current listing of subjects in each course, refer to the study package directory. In particular, refer to the correct structure of the Legal Studies major choice in CBK90501.)

Core subjects are timetabled every semester and option subjects are regularly timetabled but not all option subjects listed are offered in any one semester. Timetabled subjects are offered subject to sufficient student interest. The current timetable can be found at:

http://timetable.uts.edu.au

Course completion requirements

STM90689 Core subjects CBK90593 Options 30cp 6cp Total 36cp

Articulation with UTS courses

Subjects undertaken within the Graduate Diploma in Legal Studies are recognised within the Master of Legal Studies (C04147) (see page 330). Students enrolled in the graduate diploma may apply to internally transfer to the master's. Candidates are not awarded the graduate diploma but subjects undertaken are applied towards the master's.

Subjects undertaken within the Juris Doctor (C04236) (see page 354) are recognised within the Graduate Diploma in Legal Studies. Students enrolled in the Juris Doctor may apply to internally transfer to the graduate diploma. Candidates are not awarded the Juris Doctor but subjects undertaken are applied towards the graduate diploma.

Other information

Further information for future students is available from:

telephone +61 2 9514 3660

email law@uts.edu.au

Further information for current students is available from:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C07078v3 Graduate Diploma in Interactive Multimedia

Award(s): Graduate Diploma in Interactive Multimedia (GradDipIMM) UAC code: 942606 (Autumn semester), 945606 (Spring semester) CRICOS code: 029621K

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

This course is designed for students from a wide variety of disciplines who may or may not already be working in areas of multimedia. For this reason, it contains a considerable number of elective subjects to enable students to gain new areas of knowledge or broaden existing areas.

While this program is managed by the Faculty of Engineering and Information Technology, it is a joint program between the Institute for Interactive Media and Learning and a number of teaching faculties.

The program is designed to educate the innovators and future leaders of the various professions working in multimedia. Graduates acquire the fundamentals in multimedia, underpinning an up-to-date, flexible set of production skills in their own specialised area.

Course aims

A defining characteristic of multimedia education at UTS is the integration of theory and practice in all of the relevant disciplines and professions. The course aims to develop students' professional skills for direct application in the workplace, while providing a solid overview and understanding of the social, historical and industrial role of multimedia communication technologies. Graduates are prepared for a career in a rapidly growing and changing industry.

Career options

Career options include positions in digital media, the mobile web, information architecture, interaction design, new media, web design, web development and web project management. Various events are organised throughout the year to showcase student work and give students the opportunity to speak with industry professionals, including recruiters.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Alternatively, applicants can have a diploma from any field and substantial relevant professional experience, or substantial senior professional experience. Applicants with a three-year undergraduate degree (or equivalent), must also have either one year of relevant professional experience or a credit average or better in a Graduate Certificate in Interactive Multimedia.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Given the interdisciplinary focus and teamwork emphasis of this course, credit recognition and subject exemptions are not normally granted for other postgraduate study or work experience.

Course duration and attendance

The course is usually completed in one year of full-time or two years of part-time study.

Course structure

The course comprises 48 credit points of study and consists of four core subjects and four elective subjects (which may include core subjects for students intending to exit the program at graduate diploma level).

Industrial training/professional practice

Industrial training is available to both local and international students as a separate work-based learning course. Students can enrol into the Diploma in Information Technology Professional Practice (C20049) (see page 299) after completing a minimum of four core subjects. Students can be assisted in finding an internship, or may wish to have current relevant industry work experience recognised.

Course completion requirements

004150	completion requirements	
CBK90085	Core subjects	12cp
CBK90303	Electives (Interactive Multimedia)	24cp
Select 12 c	redit points from the following options:	12cp
95563	Digital Media Development Process	6ср
95564	Digital Media Technologies	6ср
95565	Digital Graphics and the Still Image	6ср
		Total 48cp

Course program

The example below shows a typical full-time program for a student commencing in Autumn semester. Part-time students choose two subjects per semester and usually complete the core requirements in their first three semesters of study. Elective subjects may be chosen from across the University and must be approved by the multimedia program leader and then the relevant faculty.

Year 1

Autumn semester

Select 12 ct 95563 95564 95565	redit points from the following options: Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image	6ср 6ср 6ср	12cp
Select 12 cr	redit points of electives		12cp
Spring sen	nester		
Select 12 ca	redit points from the following options:		12cp
95566	Digital Information and Interaction Design	6ср	-
95567	Digital Media in Social Context	6ср	
95568	Digital Sound and the Moving Image	6ср	
Select 12 credit points of electives		12cp	

Articulation with UTS courses

This course forms part of an articulated program of study comprising the Graduate Certificate in Interactive Multimedia (C11143) (see page 448), the Graduate Diploma in Interactive Multimedia, and the Master of Interactive Multimedia (C04158) (see page 333).

Other information

Further information on the Interactive Multimedia program is available from:

http://mim.iml.uts.edu.au

C07080v6 Graduate Diploma in Internetworking

Award(s): Graduate Diploma in Internetworking (GradDipInternetworking) UAC code: 942610 (Autumn semester), 945610 (Spring semester)

CRICOS code: 043340B

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

This course is intended for computing science, information technology or engineering graduates with or without networking experience who wish to learn or extend their knowledge of networking and networking technologies. As students come from a variety of backgrounds, there is a degree of subject choice in the program to meet individual needs.

The Internetworking program provides practical, hands-on learning experience using resources provided by Cisco Systems for internetworking including routing, switching, security, wireless and VoIP. Advanced electives in internetworking, in addition to CCNA and CCNP preparation subjects, are available. The program covers all aspects of the organisational use of networks: design, implementation, security management, end systems and applications.

Course aims

The program aims to:

- meet the needs of industry for networking specialists
- target a number of industry-based certifications: CCNA (Cisco Certified Network Associate) and CCNP (Cisco Certified Network Professional)
- retrain IT professionals wishing to move into networking and internetworking
- provide a thorough and practical grounding in networking, network design, and administration and management, and
- provide a solid foundation for the writing of networked applications using Unix, Java and WWW technologies.

Career options

Career options include applications developer, client server architect, data communications, network administrator, network architect, network designer, network integrator, network systems programmer, programmer analyst, security architect or system support analyst.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Previous qualifications are preferred in computing science, information technology, computer engineering, telecommunications, or a related discipline.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Two years' experience in networking or in another position in the IT industry is desirable. Applicants without work experience are also

Credit recognition

Exemptions are granted only for subjects at graduate certificate level. There are no exemptions granted for the networking subjects 32524 and 32521 without the successful completion of the challenge test for each of the above. A challenge test is required even for holders of a CCNA or CCNP certification and those who have passed the CCNA curriculum in TAFE Certificate IV and / or Diploma. These challenge tests are always held in the week prior to the commencement of classes.

Course duration and attendance

The course duration is one year of full-time or two years of parttime study.

Course structure

The course totals 48 credit points of study, made up of four core subjects comprising the graduate certificate (a total of 24 credit points), a research preparation subject (6 credit points), plus a further 18 credit points chosen from a prescribed list. In some circumstances it may be possible to choose one elective from outside the list, provided it is approved by the course coordinator.

Course completion requirements

CBK90465 Internetworking choice	18cp
CBK90476 Internetworking choice	6cp
STM90729 Core subjects	24cp
,	Total 48cp

Course program

Below is a typical example of a full-time program commencing in

Students wishing to take 32521 WANs and VLANs can enrol in this subject as either a core or an elective. 32521 has a prerequisite of 32524 LANS and Routing and therefore cannot be taken during the first semester of study. 32521 can be undertaken in the second semester in conjunction with one of the CCNP subjects with the course coordinator's approval.

A student wishing to undertake subjects in order to sit the Cisco CCNA certification exam must speak to either the course coordinator or the course administrator about subject choices and subject load.

Note: Electives are only offered in a particular semester (or year) if there is sufficient demand and the necessary resources.

Year 1

Autumn semester

32118 32524 32547 32144	Mobile Communications and Computing LANS and Routing UNIX Systems Programming Technology Research Preparation	6cp 6cp 6cp 6cp
Spring ser		
CBK90476	Internetworking choice	6ср
Select 18 c	redit points of options	18cp

Articulation with UTS courses

This course forms part of an articulated program comprising the Graduate Certificate in Internetworking (C11145) (see page 449), the Graduate Diploma in Internetworking, the Master of Science in Internetworking (C04160) (see page 333) and the Master of Science in Internetworking (Extended) (C04224) (see page 341).

Professional recognition

Graduates qualify for professional-level membership of the Australian Computer Society (ACS). Students can prepare for Cisco CCNA and CCNP industry certification.

Other information

Further information is available from: Building 10 Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

C07107v3 Graduate Diploma in Information Management

Award(s): Graduate Diploma in Information Management (GradDipInfM) UAC code: 942517 (Autumn semester), 945517 (Spring semester)

CRICOS code: 032347G

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The Graduate Diploma in Information Management is designed for people who wish to provide information services to others, or who need to manage and use information effectively within organisations.

In this course, graduates gain an understanding of the relationship between individuals and information and knowledge practices.

Course aims

Graduates have:

- demonstrated sophisticated information-handling skills appropriate for professional practice in diverse environments
- an understanding of the relationship between individuals and public/private recorded information and knowledge practices, tacit/explicit knowledge and how these can be valued, captured, structured and shared for effective use
- an understanding of contemporary issues, trends, innovations and forces for change in information practice as well as the broader political, policy and technological contexts
- an understanding of ethical practice and the ability to operate with integrity, rigour, self-reliance and cooperation in professional
- demonstrated creative, critical, reflective problem-solving capabilities in the context of their professional roles and a commitment to lifelong learning.

Career options

Career options include information architect, information consultant, information content developer, information designer, information manager, librarian, media researcher or research officer.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who have completed a bachelor's, graduate diploma or master's in any field of study or a graduate certificate in a related field of study can apply. Applicants who do not possess the relevant qualification may submit a personal statement outlining their educational and professional achievements.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a one-year, full-time or equivalent part-time

Course structure

The course consists of four compulsory subjects plus two electives chosen from a specified list. Students can choose an elective subject beyond the specified list only with the approval of the graduate

Students should undertake Knowledge Management and the Organisation or Information Research and Data Analysis as their elective subject if they are planning to articulate to the Master of Arts in Information and Knowledge Management.

Full-time students are required to undertake 24 credit points a semester. Part-time students should undertake 8 or 16 credit points

Course completion requirements

57148	Discovering and Accessing Information	8ср
57100	People, Information and Knowledge	8cp
57084	Information Architecture and Design	8cp
57146	Organising Information	8cp
CBK90520	Electives	16cp
		Total 48cp

Course program

Autumn semester

Example programs are shown below.

Autumn commencing, full time

57148	Discovering and Accessing Information	8ср	
57100	People, Information and Knowledge	8cp	
57084	Information Architecture and Design	8cp	
Spring semester			
57146	Organising Information	8cp	
Select 16 credit points of electives			

Autumn commencing, part time

Year 1		
Autumn	semester	
57148 57100	Discovering and Accessing Information People, Information and Knowledge	8ср 8ср
Spring se	emester	
57146	Organising Information	8ср
Select 8 c	redit points of electives	8ср
Year 2		
Autumn	semester	
57084	Information Architecture and Design	8ср

Select 8 credit points of electives Spring commencing, full time

Year 1

Spring semester

-p 5	-pg -c		
57100 57146	People, Information and Knowledge Organising Information	8ср 8ср	
Select 8 credit points of electives		8ср	
Year 2			
Autumn s	emester		

Discovering and Accessing Information

Information Architecture and Design

Select 8 credit points of electives Spring commencing, part time

57148

57084

-pg -		
57100	People, Information and Knowledge	8ср
Select 8 c	credit points of electives	8ср
Year 2		
Autumn	semester	
57148	Discovering and Accessing Information	8cp

Information Architecture and Design 57084

Spring semester

Spring semester			
57146	Organising Information	8cp	
Select 8 credit points of electives		8cp	

Articulation with UTS courses

This course articulates with the Master of Arts in Information and Knowledge Management (C04203) (see page 336). Students who successfully complete this course and who are admitted to the master's course are eligible for credit recognition for completed subjects.

Professional recognition

Graduates are eligible for professional membership of the Australian Library and Information Association (ALIA).

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C07112v3 Graduate Diploma in **Operations and Supply Chain** Management

Award(s): Graduate Diploma in Operations and Supply Chain Management

(GradDipOSCM) CRICOS code: 055275G

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The Graduate Diploma in Operations and Supply Chain Management extends the Graduate Certificate and provides the opportunity for some specialisation.

Course aims

The course seeks to enhance professionals' understanding of the nature and contribution of supply chain and operational management functions in the organisational context.

Career options

8cp

8cp

8cp

8cp

8cp

Career options include management-level positions in service industry and areas traditionally associated with business operations management.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

If the previous qualification is not in a related field, applicants require a minimum of two years' relevant work experience or satisfactory completion of a relevant graduate certificate from UTS or other recognised higher education institution.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of five subject exemptions, of which two core subjects may be approved from prior undergraduate study.

Course duration and attendance

The course is offered on a one-year, full-time or two-year, part-time basis.

Course structure

The course totals 48 credit points and consists of a combination of core and elective subjects.

Course completion requirements

STM90736 Co	ore subjects (Operations Supply Chain	
	(anagement)	30ср
CBK90384 El	ectives (Operations and Supply Chain	1
M	Ianagement)	18cp
		Total 48cp

Course program

	. 3		
	e program is shown below.		(
21741	Managing Operations		6ср
21743	Business Excellence		6ср
Select one	of the following:		6ср
21779	Management Skills	6ср	
21877	Strategic Procurement	6cp	
21797	Strategic Supply Chain Management	I	6ср
21844	Managing Work and People		6ср
Select 18 c	redit points from the following options:		18cp
15315	Project Management Principles	6ср	-
21745	Service Operations Management	6ср	
21811	Global Strategic Management	6ср	
21827	Change Management	6ср	
21832	Managing for Sustainability	6ср	
22782	Business Process Integration with ERP	6ср	
21779	Management Skills	6ср	
77942	Legal Aspects of Contracts Administration	6ср	
21854	Innovation and Entrepreneurship	6ср	
21877	Strategic Procurement	6ср	
35340	Quantitative Management Practice	6ср	

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Operations and Supply Chain Management (C11199) (see page 453), the Graduate Diploma in Operations and Supply Chain Management and the Master of Business in Operations and Supply Chain Management (C04226) (see page 342).

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/gsb

C07113v2 Graduate Diploma in Human Resource Management

Award(s): Graduate Diploma in Human Resource Management

 $(\mathsf{GradDipHRM})$

CRICOS code: 055276F

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The Graduate Diploma in Human Resource Management provides an opportunity to study, at a professional level, those factors contributing to the complexity of decision-making in Australian and international employment relations.

Course aims

The Graduate Diploma in Human Resource Management is designed to meet the career needs of professionals with some experience in an area related to employment relations.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

If the previous qualification is not in a related field, applicants require a minimum of two years' relevant work experience or satisfactory completion of a relevant graduate certificate from UTS or other recognised higher education institution.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students may be granted a maximum of five subject exemptions, of which two core subjects may be approved from prior undergraduate study.

Course duration and attendance

The course may be completed in one year of full-time or two years of part-time study.

Course structure

The course totals 48 credit points and consists of a combination of core and elective subjects.

Course completion requirements

STM90737 Core subjects (HRM)	48cp
,	Total 48cp

Course program

The cours	e program is snown below.	
21702	Industrial Relations	6ср
21720	Human Resource Management	6ср
21760	Performance and Talent Management	6ср
21779	Management Skills	6ср
21800	Management and Organisations	6ср
21827	Change Management	6ср
21833	International Human Resources Management	6ср
21844	Managing Work and People	6ср

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Human Resource Management (C11198) (see page 453), the Graduate Diploma in Human Resource Management and the Master of Business in Human Resource Management (C04227) (see page 343).

Other information

Further information is available from UTS: Business on: telephone $+61\ 2\ 9514\ 3660$

email business@uts.edu.au

www.business.uts.edu.au/gsb

C07115v1 Graduate Diploma in Architecture

Award(s): Graduate Diploma in Architecture (GradDipArch)
UAC code: 942115 (Autumn semester), 945115 (Spring semester)

CRICOS code: 065844G

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

This course is a tailored bridging course that provides a pathway into the Master of Advanced Architecture (C04240) (see page 359). It provides new skills and knowledge for students who have obtained professional qualifications prior to the introduction of digital software for design and documentation in architectural education (prior to 2000).

This is a highly flexible course which enables specialisation in either urban design or design technologies. Each student has a tailored program of architectural design and architectural practice subjects, based on their needs and experience.

The course equips graduates with skills of entrepreneurship, marketing, business and management necessary for leadership in the profession.

It provides a more flexible entry point for international students into the Master of Advanced Architecture (C04240) (see page 359).

Course aims

This course provides an alternative pathway for students from outside UTS, or with previous qualifications obtained prior to the use of digital software for design generation, building performance analysis and documentation, to gain the skills, knowledge and academic experiences that make them eligible to continue into the Master of Advanced Architecture (C04240) (see page 359) in either urban design or design technologies.

Through the core architectural design studio subjects, graduates are equipped with strategic thinking, spatial organisation and visual design skills, and develop further their verbal and written communication abilities. Project-based studio subjects explore research, design concepts, implementation strategies and presentation techniques. Through the core professional practice subjects, students develop their knowledge of all aspects of industry and practice management, furthering their capacity for leadership in the profession, locally and internationally.

Career options

Career options are focused on leading design and technical innovation roles in architectural and urban design practice.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants require a professional entry degree of five-years, full-time or equivalent from an accredited program in architecture or a four-year, full-time or equivalent degree from an accredited program in landscape architecture. All applicants must submit a portfolio of work demonstrating their design skills for examination in addition to a statement of interest in the course.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is offered on a one-year, full-time basis.

Course structure

The course totals 48 credit points of selected Master of Architecture subjects made up of two 12-credit-point subjects in the architectural design stream, two 6-credit-point architectural practice subjects and two 6-credit-point electives.

Course completion requirements

CBK90631 Architectural Practice 12cp
Select one of the following: 12cp
CBK90815 Electives 12cp
CBK90630 Electives 12cp
CBK90627 Architectural Design 24cp
Total 48cp

Further study at UTS

This course is a pathway into the Master of Advanced Architecture (C04240) (see page 359).

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au www.dab.uts.edu.au

C07118v1 Graduate Diploma in Teaching English to Speakers of Other Languages

Award(s): Graduate Diploma in Teaching English to Speakers of Other Languages (GradDipTESOL)

UAC code: 942228 (CSP) (Autumn semester), 942229 (PDFP) (Autumn semester), 942230 (qualified teachers only distance CSP) (Autumn semester), 942231 (qualified teachers only distance PDFP) (Autumn semester), 945229 (PDFP) (Spring semester), 945231 (qualified teachers only distance PDFP) (Spring semester)

CRICOS code: 008684B

Commonwealth-supported place?: Yes

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

UTS is a leading provider of postgraduate language and literacy courses, with academics who are published authors and internationally recognised experts in the field. This course meets the professional development needs of a wide range of English language teachers and educators teaching children, teenagers or adults. It caters for those seeking an initial teaching qualification in teaching English to adult speakers of other languages. It is also well suited to applicants who already possess a teaching qualification and wish to gain a specialist degree in the field as they are eligible for credit recognition.

Students study subjects that equip them with skills and knowledge to teach English in a variety of contexts, both local and international. The course features flexible study options with classes held at times suitable for full-time workers. It is designed by a team of experienced TESOL professionals who are familiar with the full range of English language teaching contexts. The graduate diploma explicitly meets the needs of students and educators in the following contexts:

- working with migrants and Indigenous students across all levels of education
- teachers wishing to change discipline areas
- teaching English in countries outside of Australia
- international students wishing to study TESOL with the possibility of extending into the master's of TESOL.

Course aims

The course aims to produce TESOL teachers who are knowledgeable, reflective and engaging in their practice, have well developed interpersonal skills, are keen to put current developments in learning and teaching into practice, and have a commitment to lifelong learning.

Career options

Career options include a teacher of English as a second language in Australia or a teacher of English in overseas contexts (applicants are advised to check with potential employing bodies regarding employment requirements).

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: B; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Applications

Local students

Local applicants apply through the Universities Admissions Centre.

International students

International students apply through UTS International.

Credit recognition

Graduates of the Graduate Certificate in Teaching English to Speakers of Other Languages (C11223) (see page 463) or equivalent teaching qualification (such as a primary or secondary school teaching qualification or an adult education teaching qualification) are eligible for 24 credit points of credit recognition.

Course duration and attendance

The course is offered on a one-year, full-time or two-year, part-time basis.

Students who receive 24 credit points of credit recognition may complete the course by distance, but only if relevant distance subjects are selected.

The subjects in STM90529 are run in standard weekly mode for TESOL students, except for 010071 Professional Practice 2 Language Literacy and Numeracy, which is run in block mode.

Course structure

The course comprises 48 credit points, made up of four compulsory core subjects (totalling 24 credit points) and four elective subjects (totalling 24 credit points). Not all electives are offered every semester.

Industrial training/professional practice

There is a practicum placement for subjects 010070 Professional Practice 1 Language Literacy and Numeracy and 010071 Professional Practice 2 Language Literacy and Numeracy.

Course completion requirements

CBK90829 Electives (TESOL foundation)	12cp
CBK90830 Electives (TESOL specialisation)	12cp
STM90529 Core subjects (TESOL)	24cp
•	Total 48cp

Course program

The following examples show typical full-time and part-time programs for qualified teachers with credit recognition, and without credit recognition for those seeking an initial teaching qualification. Qualified teachers who receive a minimum of 24 credit points of credit recognition may complete the course by distance, but only if relevant distance subjects are selected.

Seeking an initial teaching qualification (no credit recognition), FT, Aut

-			
Year 1			
Autumn	semester		
013102 013958 010070	Introduction to Language Language Teaching Methodology Professional Practice 1 Language Literacy and Numeracy	6ср 6ср	
010071	Professional Practice 2 Language Literacy and Numeracy	6ср	
	Spring semester Select 24 credit points of electives 24cp		
Seeking an initial teaching qualification (no credit recognition), FT, Spr			
Year 1			
Spring se	emester		
010070	Professional Practice 1 Language Literacy and Numeracy	6ср	
010071	Professional Practice 2 Language Literacy and Numeracy	6ср	
013102	Introduction to Language	6cp	

013958 **Year 2**

Autumn semester

Select 24 credit points of electives 24cp

6ср

6ср

Teaching qualification graduates with credit recognition, FT, Aut

Language Teaching Methodology

Year 1

Autumn semester

Select 24 credit points of electives 24cp

Teaching qualification graduates with credit recognition, FT, Spr

Year 1

Spring semester

Select 24 credit points of electives 24cp

Seeking an initial teaching qualification (no credit recognition), PT, Aut

Year 1

Autumn semester

Numeracy Language Teaching Methodology	6cp
0 0 0	1
Professional Practice 2 Language Literacy and	6ср
	Language Teaching Methodology emester

Professional Practice 1 Language Literacy and

013102 **Year 2**

Autumn semester

Select 12 credit points of electives 12cp

Spring semester

Select 12 credit points of electives 12cp

Seeking an initial teaching qualification (no credit recognition), PT, Spr

Introduction to Language

Year 1

Spring semester

010070	Professional Practice 1 Language Literacy and	
	Numeracy	6ср
013958	Language Teaching Methodology	6ср

Year 2

Autumn s	emester	
013102	Introduction to Language	6ср
010071	Professional Practice 2 Language Literacy and	-
	Numeracy	6ср
Select 12 c	redit points of electives	12cp

Spring semester

Select 12 credit points of electives

Autumn semester

Select 12 credit points of electives

leaders in the specific industries and professions. 12cp

> Designed to produce a balance between high levels of specialisation and lateral thinking, the program enables students to examine design from a trans-disciplinary perspective.

> The course has two main components: specialised master classes led

by a studio leader and industry partners and theory and technology

The program focuses on and integrates research, industry collaboration, internationalisation and a design culture through the delivery of specialist, core and trans-disciplinary subjects. It provides

a postgraduate education that is flexible in both its practice orientation

With a focus on design evolution, innovative integration of new

technologies, practice and student experimentation, the course is

delivered by experienced studio leaders who are acknowledged

subjects taught across the program.

and research integration.

Course aims

It enables students to explore design issues under the supervision of a practice leader, to learn new strategies and the application of research and theory. It supports best practices in postgraduate design education through learning and research strategies that critically examine design practice.

Graduates of this course are leaders in design and related industries through their expertise in product and service development. They are able to utilise strategic processes, creative tools and research skills for innovation in design.

The program provides a suite of subjects for postgraduate designers in the areas of interaction, strategy and enterprise, lighting design, technotextiles, and text and image. Common subjects explore related conceptual challenges and questions of visual expression in the quest to develop useful, usable and resonant designs. These include understanding and articulating the importance of 'user experience', the role of design in humanising information, the aesthetic and conceptual dynamics of effective communication, strategic thinking, and aspects of design management, branding and communication.

Career options

Graduates' careers are enhanced by high-level professional knowledge and skills for the workplace, with possession of specialised knowledge in advanced textiles, space and materials, interaction, sustainable design and innovation.

Course duration and attendance

The course is offered on a one-year, full-time or two-year, part-time

Course structure

Students must complete 48 credit points of subjects.

Course completion requirements

CBK90669 Design Expertise choice

48cp Total 48cp

Exit award

This exit-only course enables students enrolled in the master's course to exit after completing 48 credit points of study and gain a graduate diploma qualification.

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au www.dab.uts.edu.au

Teaching qualification graduates with credit recognition, PT. Aut

Year 1

Year 3

Autumn semester

Select 12 credit points of electives 12cp

Spring semester

Select 12 credit points of electives 12cp

Teaching qualification graduates with credit recognition, PT, Spr

Year 1

Spring semester

Select 12 credit points of electives

12cp

12cp

12cp

Year 2

Autumn semester

Select 12 credit points of electives

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Teaching English to Speakers of Other Languages (C11223) (see page 463), the Graduate Diploma in Teaching English to Speakers of Other Languages and the Master of Arts in Teaching English to Speakers of Other Languages (C04245) (see page 368).

Other information

Further information is available from UTS: Education at:

www.education.uts.edu.au

Local and current students:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Future international students:

telephone 1800 774 816 (freecall within Australia)

+61 3 9627 4816 (from outside Australia)

www.uts.internationalstudent.info/Register.aspx

C07119v1 Graduate Diploma in Design

Award(s): Graduate Diploma in Design (GradDipDesign) CRICOS code: 071750G Commonwealth-supported place?: No Load credit points: 48 Course EFTSL: 1

Note(s)

This is an exit-only course. There is no direct admission to it. Current UTS students may be able to transfer into this course. Check with your faculty.

Transfer is for students enrolled in the Master of Design (C04243) (see page 366).

Overview

Unique in Australia, the course is intellectually vibrant, socially engaging, visionary, practice focused and actively linked to industry. This course is centred around building a design community network.

C07120v1 Graduate Diploma in Media Arts and Production

Award(s): Graduate Diploma in Media Arts and Production (GradDipMAP) UAC code: 942504 (Autumn semester), 945504 (Spring semester)

CRICOS code: 032358E

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1 Location: City campus

Overview

The Graduate Diploma in Media Arts and Production is part of an articulated program in media arts and production that includes moving image, sound, digital media and interaction, and the interplay among these media.

Course aims

This course aims to provide students with core skills in moving image, digital media or sound production; expertise in one area of media arts and production; a capacity to think creatively and critically about, and contribute to, developments within the media industries; an awareness of industry practices in media production; the capacity to develop and critically revise their own work; and project management skills in the context of a media project.

Career options

Career options include various roles in a creative team across multiple modes of production and post-production of moving image, sound, digital media and interaction. Graduates have skills to develop their own media projects.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who have completed a bachelor's, graduate diploma or master's in any field of study or a graduate certificate in a related field of study can apply. Applicants who do not possess the relevant qualification must submit a CV and personal statement outlining their educational and professional achievements.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students who successfully completed the graduate certificate in the articulated program are eligible for credit recognition for completed

Course duration and attendance

The course is offered on a one-year, full-time or one-and-a-half-year, part-time basis.

Course structure

Students complete 48 credit points of study made up of three core subjects and three elective subjects.

Full-time students are required to undertake 24 credit points a semester. Part-time students should undertake 8 or 16 credit points a semester.

Course completion requirements

oodi se completion requirements	
CBK90806 Electives (MAP)	24cr
STM90555 Core subjects (Media Arts and Production)	24cr
	Total 48cr

Course program

Below are examples of typical programs for full and part-time students. Students can choose to complete core subjects and elective/ sub-major subjects in any order, however, prerequisites may apply.

Autumn commencing, full time

Autumn	commencing, full time	
Year 1		
Autumn se 57167 57989 57168	emester Moving Image Mise-en-Scene Sound and Interaction	8cp 8cp 8cp
Spring ser Select 24 c	mester credit points of electives	24cp
Autumn	commencing, part time	
Year 1		
Autumn so 57167 57989	emester Moving Image Mise-en-Scene	8cp 8cp
Spring ser	mester	
Select 8 cr	edit points of electives	8ср
Year 2		
Autumn so	emester Sound and Interaction	8ср
Select 8 cr	edit points of electives	8cp
Spring ser Select 8 cr	mester edit points of electives	8ср
Spring co	ommencing, full time	
Year 1		
Spring ser	mester	
57167	Moving Image	8cp
	credit points of electives	16cp
Year 2		
Autumn so 57168 57989	emester Sound and Interaction Mise-en-Scene	8cp 8cp
Select 8 cr	redit points of electives	8cp
Spring co	ommencing, part time	
Year 1		
Spring ser	mester	
57167	Moving Image	8cp
Select 8 cr	edit points of electives	8cp
Year 2		
Autumn so 57168 57989	emester Sound and Interaction Mise-en-Scene	8cp 8cp
C!	mester	-
Spring ser	illestel	

Autumn	semester	
57168	Sound and Interaction	8ср
57989	Mise-en-Scene	8cp
Spring se	emester	
Select 8 c	credit points of electives	8cp
Year 3		

Autumn semester	
Select 8 credit points of electives	8cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Media Arts and Production (C11227) (see page 465), the Graduate Diploma in Media Arts and Production and the Master of Media Arts and Production (C04248) (see page 372).

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C07121v1 Graduate Diploma in Midwifery Studies

 $Award(s): Graduate\ Diploma\ in\ Midwifery\ Studies\ (GradDipMidSt)$

CRICOS code: Pending

Commonwealth-supported place?: No

Load credit points: 48 Course EFTSL: 1

Note(s)

This is an exit-only course. There is no direct admission to it. Current UTS students may be able to transfer into this course. Check with your faculty.

Transfer is for students enrolled in the Master of Midwifery (C04247) (see page 371).

This course is not offered to international students.

Overview

This course aims to provide registered midwives with an opportunity to develop both their practice and professional roles and to develop the skills, attitudes and knowledge needed to meet the developing role of a midwife. In addition, the course aims to provide students with an avenue through which to further their clinical, research, teaching, leadership and/or management roles. The course is designed to offer students the opportunity to customise their program to meet personal learning needs or workplace requirements.

Course completion requirements

STM90530 Level 1 subjects (Midwifery) STM90531 Level 2 subjects (Midwifery)

24cp 24cp Total 48cp

Articulation with UTS courses

This exit-only course is part of an articulated program comprising the Graduate Certificate in Midwifery Studies (C11226) (see page 465), the Graduate Diploma in Midwifery Studies and the Master of Midwifery (C04247) (see page 371).

Exit award

This exit-only course enables students enrolled in the master's course to exit after completing 48 credit points of study and gain a graduate diploma qualification.

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Allison Cummins

Course coordinator

telephone +61 2 9514 4913

email Allison.Cummins@uts.edu.au

www.health.uts.edu.au

C11001v5 Graduate Certificate in Property and Planning

Award(s): Graduate Certificate in Property and Planning

(GradCertPropPlan)

UAC code: 942102 (Autumn semester), 945102 (Spring semester)

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Note(s)

This course is not offered to international students.

Overview

This course provides a unique environment for planners and property developers to develop a mutual understanding of how to balance private and public interests in urban development. It has a strong focus on sustainable urban development.

The Graduate Certificate in Property and Planning is a foundation course for students who go on to study the Master of Planning (C04007) (see page 301) or the Master of Property Development (C04008) (see page 302). Both disciplines require close cooperation and this course shows students how to achieve better urban outcomes through closer partnerships between those building cities with those planning them.

Course aims

The course gives property development students an introduction to the rationale of planning and its legal framework, an introduction to the principles and practice of sustainable urban development and experience in developing a plan for a real-world urban renewal site.

It gives planning students a greater understanding of key issues in property development, such as valuation and feasibility.

The course provides students with a combination of experiential learning experiences, team working, exposure to practical skills development, together with a thorough understanding of economic, environmental and other knowledge underpinning urban management and development.

Career options

Career options are in banking and property investment, finance, government departments and agencies, local government, major development companies, management and development, and private consulting firms.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Appropriate first degrees include a bachelor's degree in planning, architecture, geography, economics, property economics, commerce, law, engineering and building. Students can hold an advanced TAFE diploma in a property-related discipline. Other qualifications may be accepted if supported by extensive relevant work experience.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course is offered on a one-semester, full-time or one-year, parttime basis. It is delivered in face-to-face mode.

Course completion requirements

STM90502 Core subjects (Property and Planning) 24cp Total 24cp

Course program

An example course program is provided below.

Full time

Year 1

Autumn semester

15142	Introduction to Property and Planning		6ср
15146	Sustainable Urban Development		6ср
17700	Planning and Environmental Law		6cp
Select one	of the following:		6ср
12535	5 Valuation Application	6ср	-
1522	Urban Design	6cp	

Articulation with UTS courses

The Graduate Certificate in Property and Planning articulates into the Graduate Diploma in Planning (C07002) (see page 401) or the Graduate Diploma in Property Development (C06006) (see page 385).

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

C11005v5 Graduate Certificate in Project Management

Award(s): Graduate Certificate in Project Management (GradCertPM) UAC code: 942104 (Autumn semester), 945104 (Spring semester) Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Note(s)

This course is not offered to international students.

Overview

With close industry contact, the course is delivered through block workshops designed to emulate project environments, giving students the opportunity to directly develop their ability to manage real projects. The program is rigorous, and is globally recognised for its tradition of excellence. The UTS program was the first Australian program to be accredited by the Project Management Institute's (PMI) Global Accreditation Centre. The foundation subjects are compatible with the structures used by the PMI and Australian Institute of Project Management (AIPM) to certify practitioners.

This program provides practice-based knowledge, skills and tools for the delivery of different types and sizes of projects and programs across all industry sectors, underpinned by theory and research. At the forefront of industry trends, the UTS program incorporates project complexity, program management, governance, reflective practice and leadership.

Course aims

Successful graduates of the course can:

- select from and apply a broad range of tools and methods used to manage projects
- demonstrate an understanding of reflective practice
- exhibit an understanding of the application of ethical principles to project management practice in a variety of settings both in Australia and internationally
- demonstrate an understanding of communication in a variety of forms across culturally diverse project contexts
- understand appropriate information systems for application within a project management context
- understand principles involved in managing relationships between key project stakeholders
- understand the principles of project team leadership in culturally diverse teams
- apply foundation level skills to problem analysis and decisionmaking.
- apply critical thinking and creative problem solving skills to project management contexts
- understand and apply basic research skills
- demonstrate foundation-level knowledge of systems thinking as it applies to project management.

Career options

The course is highly regarded by industry as providing in-demand, 'professionally excellent' graduates. Its focus on leadership, program management and governance increases the employability of graduates at senior levels in many local and international industries, including banking and finance, construction and engineering, event management, government, health and IT.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Admission is at the discretion of the course director. Students require a recognised undergraduate degree plus six months industry experience, or five years industry experience, or a recognised professional qualification with six months relevant work experience.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course is offered on a one-semester, full-time or one-year, parttime basis.

The course is delivered in face-to-face mode (on campus or offshore in conjunction with selected education partners).

Course structure

Students complete four compulsory subjects totalling 24 credit points.

Course completion requirements

CBK90603 PM Foundation 24cp Total 24cp

Course program

A typical course program is shown below.

Year 1

Autumn or Spring semester

	24cp
6ср	-
6ср	
_	
6ср	
6cp	
	6cp 6cp

Articulation with UTS courses

The course may be taken as a separate award or can articulate into, and form part of, the Master of Project Management (C04006) (see page 300). The project management program structure allows students a choice of entry requirements and study paths leading to the award of graduate certificate (24 credit points), Graduate Diploma in Project Management (C07004) (see page 402) (48 credit points), Master of Project Management (C04006) (see page 300) (72 credit points) and Master of Business Administration (Project Management major) (C04018) (see page 303) (96 credit points). Each stage is self-contained and can be undertaken through part-time or full-time study.

Professional recognition

This program is accredited by the Project Management Institute's (PMI) Global Accreditation Centre and the Royal Institute of Chartered Surveyors (RICS). It is endorsed by the Australian Institute of Project Management (AIPM), which is a member of the International Project Management Association (IPMA).

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

C11008v6 Graduate Certificate in Business Administration

Award(s): Graduate Certificate in Business Administration [GradCertBusAdmin]

CRICOS code: 018156K

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Overview

The Graduate Certificate in Business Administration provides foundation skills used in the general management of a business enterprise for non-graduates who have extensive business experience.

Course aims

General management skills are developed to provide expertise in strategic thinking, critical analysis, developing and implementing business plans, decision-making under uncertainty, understanding organisational dynamics, effective communication and promoting change.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants without a degree require eight years' full-time relevant work experience and evidence of a general capacity to undertake tertiary education.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course may be completed in one semester of full-time or one year of part-time study.

Course structure

The course comprises four of the core MBA subjects, totalling 24 credit points.

Course completion requirements

23706	Economics for Management	6ср
22747	Accounting for Managerial Decisions	6ср
21800	Management and Organisations	6ср
21878	Organisational Dialogue: Theory and Practice	6ср
		al 24cm

Course program

The course program is shown below.

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Business Administration, the Graduate Diploma in Business Administration (C06009) (see page 386) and the Master of Business Administration (MBA) (C04018) (see page 303). Students who complete the graduate certificate at credit level or above may apply directly for admission into the MBA program.

Other information

Further information is available from UTS: Business on: telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg

C11015v7 Graduate Certificate in Accounting and Finance

Award(s): Graduate Certificate in Accounting and Finance (GradCertAccFin) CRICOS code: 022411K

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Overview

The Graduate Certificate in Accounting and Finance provides a general understanding of the basic elements of accounting and finance.

The course is designed for students without a strong undergraduate background in accounting and / or finance who need some of the key basic building blocks before proceeding to advanced-level subjects in a master's program. It is also appropriate for students who have no undergraduate degree but extensive practical experience and who can use the program to prove their ability to undertake postgraduate study.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

If the previous qualification is not in a related field, applicants require a minimum of two years' relevant work experience. Applicants without a degree require eight years' full-time relevant work experience and evidence of a general capacity to undertake tertiary education.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course duration is one-semester of full-time or one-year of part-time study.

Course structure

The course comprises 24 credit points of core subjects.

Course completion requirements

25742	Financial Management	6ср
22747	Accounting for Managerial Decisions	6ср
23706	Economics for Management	6ср
79708	Contemporary Business Law	6ср
	• •	Total 24cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Accounting and Finance, the Graduate Diploma in Accounting and Finance (C07012) (see page 402) and the Master of Business in Accounting and Finance (C04038) (see page 306).

Other information

Further information is available from UTS: Business on: telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg

C11017v4 Graduate Certificate in Accounting Information Systems

Award(s): Graduate Certificate in Accounting Information Systems (GradCertAccIS)
CRICOS code: 020213K

Commonwealth-supported place?: No Load credit points: 24

Course EFTSL: 0.5 Location: City campus

Overview

The Graduate Certificate in Accounting Information Systems provides a general understanding of the basic elements of accounting and related areas of study.

The course is designed for students without a strong undergraduate background in accounting who need some of the key basic building blocks before proceeding to advanced-level subjects in a master's program. It is also appropriate for students who have no undergraduate degree but extensive practical experience and who can use the program to prove their ability to undertake postgraduate study.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

If the previous qualification is not in a related field, applicants require a minimum of two years' relevant work experience. Applicants without a degree require eight years' full-time relevant work experience and evidence of a general capacity to undertake tertiary education.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course may be completed in one semester of full-time or one year of part-time study.

Course structure

The course comprises 24 credit points of core subjects.

Course completion requirements

STM90343 Core subjects (Accounting Information Systems) 24cp Total 24cp

Course program

The course program is shown below.

22759 Accounting and ERP

22747 Accounting for Managerial Decisions

22747Accounting for Managerial Decisions6cp22766Assurance for Enterprise Systems6cp22708Accounting Information Systems6cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Accounting Information Systems and the Master of Business in Accounting Information Systems (C04037) (see page 305).

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg

C11021v4 Graduate Certificate in Management

Award(s): Graduate Certificate in Management (GradCertM)

CRICOS code: 016932B

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5

Location: City campus (Haymarket), although subjects may also be selected from among those offered at Kuring-gai campus

Overview

The Graduate Certificate in Management introduces students to knowledge and experiences that enhance their professional skills and understanding of the management of people, resources and organisational processes.

Course aims

The Graduate Certificate in Management is designed to meet the needs of individuals, client organisations and professional bodies for management education.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

If the previous qualification is not in a related field, applicants require a minimum of two years' relevant work experience. Applicants without a degree require eight years' full-time relevant work experience and evidence of a general capacity to undertake tertiary education.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course duration is one semester of full-time or one year of part-time study. It is offered mainly at City campus (Haymarket), although subjects may also be selected from among those offered at Kuring-gai campus.

Course structure

The course comprises 24 credit points of core subjects.

Course completion requirements

STM90734 Core subjects (Management) 24cp Total 24cp

Course program

The core subjects are shown below.

Core subjects

6ср

21717International Management6cp21779Management Skills6cp21844Managing Work and People6cp21827Change Management6cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Management, the Graduate Diploma in Management (C07018) (see page 403) and the Master of Business in Management (C04229) (see page 346).

Other information

Further information is available from UTS: Business on: telephone +61 2 9514 3660

email business@uts.edu.au

www.business.uts.edu.au/gsb

C11024v4 Graduate Certificate in Community and Not-for-Profit Management

Award(s): Graduate Certificate in Community and Not-for-Profit Management (GradCertCommunityNFPM)

Commonwealth-supported place?: Yes

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Note(s)

This course is not offered to international students.

Overview

The Graduate Certificate in Community and Not-for-Profit Management provides a basic introduction to the field and develops skills and knowledge in the areas of financial management and funding.

The course is industry-relevant and flexible study modes are offered.

Career options

Career options include managing non-government or non-profit organisations.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

If the previous qualification is not in a related field, applicants require a minimum of two years' relevant work experience. Applicants without a degree require eight years' full-time relevant work experience and evidence of a general capacity to undertake tertiary education.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course duration is one year of part-time study.

It is taught in flexible mode including three intensive workshops of five days each, self-managed learning packages and learning partnerships to develop peer-supported networks.

Course structure

The course comprises 24 credit points of study, made up of four compulsory subjects.

Course completion requirements

21766	Managing Community Organisations	6ср
21767	Not-for-Profit Sector Theory and Context	6ср
21817	Volunteer Management	6ср
21778	Resource Mobilisation	6cp
		Total 24cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Community and Not-for-Profit Management, the Graduate Diploma in Community and Not-for-Profit Management (C07019) (see page 404) and the Master of Management (C04239) (see page 357).

Other information

Further information is available from UTS: Business on: telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg

C11027v5 Graduate Certificate in Finance

Award(s): Graduate Certificate in Finance (GradCertFin)

CRICOS code: 020212M

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Overview

The Graduate Certificate in Finance provides an introduction to finance theory and practice. It is of particular interest to those working in the various fields of finance and banking whose backgrounds are in fields other than business, finance, commerce or accounting.

The course provides students with the opportunity to acquire knowledge of finance theory and techniques for leading-edge professional practice purposes.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants without a degree require eight years' full-time relevant work experience and evidence of a general capacity to undertake tertiary education.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course can be completed in one semester of full-time or one year of part-time study.

Course structure

The course comprises 24 credit points, made up of four compulsory subjects

Course completion requirements

25742	Financial Management	6ср
23706	Economics for Management	6ср
22747	Accounting for Managerial Decisions	6cp
25741	Capital Markets	6cp
	1	Total 24cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Finance, the Graduate Diploma in Finance (C07021) (see page 404) and the Master of Business in Finance (C04048) (see page 307).

Professional recognition

The course covers a broad range of the specialist knowledge areas required to be ASIC RG146 registered.

Other information

Further information is available from UTS: Business on: telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg

C11033v6 Graduate Certificate in Arts Management

Award(s): Graduate Certificate in Arts Management (GradCertArtsM)

CRICOS code: 022835G

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5

Location: City campus (Haymarket), although some subjects are offered at Kuring-gai campus

Note(s)

This course is not offered to international students.

Overview

The Graduate Certificate in Arts Management provides a basic introduction to the arts and cultural industries in Australia, and some fundamental management skills.

Course aims

The course provides both theoretical and applied knowledge relevant to Australia's contemporary arts and cultural environment and related industries.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants without a degree require eight years' full-time relevant work experience and evidence of a general capacity to undertake tertiary education.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course is offered on a one-year, part-time basis. It is offered at City campus (Haymarket).

Course structure

The course comprises 24 credit points of study, made up of four compulsory subjects.

Course completion requirements

27753	Arts and Cultural Industries	6ср
27755	Arts Organisations and Management	6ср
22747	Accounting for Managerial Decisions	6cp
27734	Marketing for the Experience Industries	6cp
	O I	Total 24cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Arts Management, the Graduate Diploma in Arts Management (C07028) (see page 406) and the Master of Management (C04239) (see page 357).

Other information

Further information is available from UTS: Business on: telephone +61 2 9514 3660

email business@uts.edu.au

www.business.uts.edu.au/pg

C11035v6 Graduate Certificate in Tourism Management

Award(s): Graduate Certificate in Tourism Management (GradCertTourM) Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5

Location: Kuring-gai campus, although subjects may also be selected from among those offered at City campus (Haymarket)

Note(s)

This course is not offered to international students.

Overview

The Graduate Certificate in Tourism Management provides an introduction to the tourism industry and to relevant basic management skills.

The course has been developed to meet the demand for professionals with a high level of management expertise.

Course aims

Throughout the course, emphasis is placed on the acquisition of strategic planning skills for tourism development, management and marketing.

Career options

Career options include management, marketing and policy-analysis roles in national and regional tourism offices, hotels, airlines, tour operators, tourist attractions and events.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants without a degree require eight years' full-time relevant work experience and evidence of a general capacity to undertake tertiary education.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course duration is one year of part-time study. It is offered at Kuring-gai campus, although some subjects may be offered at City campus (Haymarket).

Course structure

The course comprises 24 credit points of study, made up of four compulsory subjects.

Course completion requirements

27735	Tourism and the Industry	6ср
27767	Tourist Behaviour	6ср
27706	Managing Tourism Services	6cp
27734	Marketing for the Experience Industries	6cp
	1	Total 24cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Tourism Management, the Graduate Diploma in Tourism Management (C07027) (see page 405) and the Master of Management (C04239) (see page 357).

Other information

Further information is available from UTS: Business on: telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/gsb

C11037v5 Graduate Certificate in Sport Management

Award(s): Graduate Certificate in Sport Management (GradCertSportM) CRICOS code: 014222D

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5

Location: Kuring-gai campus, although subjects may also be selected from among those offered at City campus (Haymarket)

Note(s)

This course is not offered to international students.

Overview

The Graduate Certificate in Sport Management provides a basic introduction to the sport industry environment in Australia and an introduction to basic management skills.

The course comprises core subjects designed to provide specific training in sport management.

Course aims

The course provides the theoretical knowledge needed to understand the changing nature of the Australian sport environment.

Career options

Career options include sport marketing and sponsorship, sport public relations, sport venue management, sport event management, human resource management in sport, player management, and sport policy development.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants without a degree require eight years' full-time relevant work experience and evidence of a general capacity to undertake tertiary education.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course duration is one year of part-time study. It is offered at Kuring-gai campus, although some subjects may be offered at City campus (Haymarket).

Course structure

The course comprises 24 credit points of study, made up of four compulsory subjects.

Course completion requirements

27732	Sport Organisations	6ср
27715	Sport Business	6ср
27717	Venue and Facility Management	6ср
27734	Marketing for the Experience Industries	6ср
		Total 24cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Sport Management, the Graduate Diploma in Sport Management (C07029) (see page 406) and the Master of Management (C04239) (see page 357).

Other information

Further information is available from UTS: Business on: telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg

C11038v5 Graduate Certificate in Event Management

Award(s): Graduate Certificate in Event Management (GradCertEvtM)

CRICOS code: 046113M

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5

Location: City campus, Haymarket

Note(s)

This course is not offered to international students.

Overview

The Graduate Certificate in Event Management is designed to introduce students to the events field and develop their skills and knowledge relating to the management of various event forms.

Subjects in the program focus on the core skills and knowledge associated with event creation, operations and marketing.

Course aims

The course introduces key theoretical concepts and issues impacting upon the management of events.

Career options

Career options include festival organiser, conference organiser/ meeting planner, charity event coordinator, sport event manager, hotel/resort/cruise ship event coordinator, exhibition organiser, venue manager and event creative director.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants without a degree require eight years' full-time relevant work experience and evidence of a general capacity to undertake tertiary education.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course duration is one year of part-time study. It is offered at City campus (Haymarket). Some subjects may be offered in intensive mode.

Course structure

The course comprises 24 credit points of study, made up of four compulsory subjects.

Course completion requirements

27727	Event Creation Workshop	6ср
27765	Event Management	6ср
27726	Event Concepts and Contexts	6ср
27737	Event Risk Management	6ср
	- C	Total 24cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Event Management, the Graduate Diploma in Event Management (C06017) (see page 387) and the Master of Management (C04239) (see page 357).

Other information

Further information is available from UTS: Business on: telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/gsb

C11039v4 Graduate Certificate in Marketing

Award(s): Graduate Certificate in Marketing (GradCertMktg)

CRICOS code: 020216G

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Overview

The Graduate Certificate in Marketing introduces some of the key dimensions of marketing and is designed for those requiring a general understanding of marketing principles.

This course provides contemporary theoretical marketing knowledge and the practical skills required for superior performance in Australian and international markets.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

If the previous qualification is not in a related field, applicants require a minimum of two years' relevant work experience. Applicants without a degree require eight years' full-time relevant work experience and evidence of a general capacity to undertake tertiary education.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course can be completed in one semester of full-time or one year of part-time study.

Course structure

The course comprises 24 credit points of study, made up of four subjects.

Course completion requirements

Course	completion requirements	
24710	Buyer Behaviour	6ср
24720	Marketing Research	6ср
24730	Marketing Strategy	6cp
24734	Marketing Management	6cp
		Total 24cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Marketing, the Graduate Diploma in Marketing (C07031) (see page 407), and the Master of Business in Marketing (C04067) (see page 308).

Other information

Further information is available from UTS: Business on: telephone +61 2 9514 3660 email business@uts.edu.au

www.business.uts.edu.au/pg

C11048v3 Graduate Certificate in Engineering

Award(s): Graduate Certificate in Engineering (GradCertE) UAC code: 942302 (No specified) (Autumn semester), 942305 (Software Engineering) (Autumn semester), 942308 (Structural Engineering) (Autumn semester), 942311 (Telecommunication Networks) (Autumn semester), 942314 (Telecommunications Engineering) (Autumn semester), 942317 (Water Engineering) (Autumn semester), 942320 (Computer Control Engineering) (Autumn semester), 942323 (Energy Planning and Policy) (Autumn semester), 942326 (Local Government Engineering) (Autumn semester), 942332 (Manufacturing Engineering and Management) (Autumn semester), 942352 (Civil Engineering) (Autumn semester), 942357 (Integrated Logistic Support and Engineering Management) (Autumn semester), 942360 (Geotechnical Engineering) (Autumn semester), 942366 (Operations) (Autumn semester), 942369 (Systems Engineering) (Autumn semester), 942372 (Biomedical Engineering) (Autumn semester), 945302 (No specified) (Spring semester), 945305 (Software Engineering) (Spring semester), 945308 (Structural Engineering) (Spring semester), 945311 (Telecommunication Networks) (Spring semester), 945314 (Telecommunications Engineering) (Spring semester), 945317 (Water Engineering) (Spring semester), 945320 (Computer Control Engineering) (Spring semester), 945323 (Energy Planning and Policy) (Spring semester), 945326 (Local Government Engineering) (Spring semester), 945332 (Manufacturing Engineering and Management) (Spring semester), 945352 (Civil Engineering) (Spring semester), 945357 (Integrated Logistic Support and Engineering Management) (Spring semester), 945360 (Geotechnical Engineering) (Spring semester), 945366 (Operations) (Spring semester), 945369 (Systems Engineering) (Spring semester), 945372 (Biomedical Engineering) (Spring semester)

CRICOS code: 016935K

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Overview

This course is designed to provide an opportunity for practising professional engineers or technologists to extend their engineering knowledge and to update their knowledge and skills in line with recent advances. It also allows graduates in related disciplines to undertake formal study in engineering, and may be of value to professionally qualified immigrant engineers seeking orientation to Australian conditions and practice.

This course is designed to provide an opportunity for practising professional engineers or technologists to extend their engineering knowledge and to update their knowledge and skills in line with recent advances. It also allows graduates in related disciplines to undertake formal study in engineering, and may be of value to professionally qualified immigrant engineers seeking orientation to Australian conditions and practice.

Career options

This course allows participants to enhance their ability to understand some principles of engineering either at a basic level or in the choice of their major.

This course is also popular among potential students who have been away from study for a while, and who want to gain current knowledge and understanding in their choice of major.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Candidates without a degree, but who have a TAFE diploma or equivalent and with suitable work experience, may also apply for this course. All applications are assessed individually.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

6ср

6ср

6ср

6ср

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Credit recognition is considered in accordance with the University policy on credit recognition (www.gsu.uts.edu.au/policies/creditrecognition.html). The maximum amount of credit recognition granted is 6 credit points (without exception). Further information is available at:

www.eng.uts.edu.au/courses/postgraduate/credit-recognition.html

Course duration and attendance

The course may be taken on a one-semester, full-time or one-year, part-time basis. Classes are usually held in the evenings, in block and/or in distance mode.

Course structure

Students complete 24 credit points of study, designing their own program to suit individual needs. Program details are determined prior to enrolment, in consultation with, and with the approval of, an academic adviser designated by the Director, Postgraduate Coursework Programs, UTS: Engineering.

Some program majors may require students to complete prescribed subjects with or without opportunity for electives. In these cases, the area of program major is recognised on the candidate's academic record.

At least 60 per cent of the content of any individual program shall consist of subjects offered by UTS: Engineering. Subject selection should be clearly related to a professional theme.

A major need not be selected, though a major is granted if three subjects (18 credit points) are completed within a particular postgraduate program major.

Course completion requirements

CBK90329 Major choice	•	24cp
•		Total 24cp

Course program

The tables below give details of each major: for each major there are three tables. The first lists the compulsory subjects and allowable option choices for the major. The next two tables show the subjects typically offered in Autumn and Spring semesters. Where an elective is specified, any subject in the range 49000 to 49999 is recommended, except for 49277, 49278, 49279, 49454, 49458, 49459, 49460, 49461, 49462. 49463, 49464 and 49465. Recommended programs take account of the semesters in which subjects are offered and the way the timetable is designed to avoid clashes. Some subjects are offered in weekly mode, others in block mode, and others in distance mode or a combination of modes.

List of majors

MAJ03453	Civil Engineering	24cp
	Computer Control Engineering	24cp
MAJ03421	Energy Planning and Policy	24cp
MAJ03451	Integrated Logistic Support and Engineering	-
	Management	24cp
MAJ03422	Local Government Engineering	24cp
MAJ03424	Manufacturing Engineering and Management	24cp
MAJ03425	Software Engineering	24cp
MAJ03426	Structural Engineering	24cp
MAJ03428	Telecommunications Engineering	24cp
MAJ03427	Telecommunication Networks	24cp
MAJ03429	Water Engineering	24cp
CBK90472	No specified major	24cp
MAJ03458	Geotechnical Engineering	24cp
MAJ03462	Operations	24cp
MAJ03465	Biomedical Engineering	24cp
MAJ03468	Systems Engineering	24cp
a		

Civil En	igineering major	
Select th	ree subjects from the following:	18cp
49002	Managing Projects	6ср
49102	Traffic and Transportation	6ср
49105	Water Supply and Wastewater	_
	Management	6ср

49106	Road Engineering Practice	6ср
49107	Urban Stormwater Design	6ср
49109	Engineered Natural Water Treatment	•
	Systems	6ср
49115	Facade Engineering	6ср
49121	Environmental Assessment and Planning	6ср
49126	Environmental Management of Land	6ср
49131	Bridge Design	6ср
49136	Application of Timber in Engineering	_
	Structures	6ср
49150	Prestressed Concrete Design	6ср
49143	Civil Engineering Review 1	6ср
49254	Advanced Soil Mechanics and Foundation	_
	Design	6ср
49258	Pavement Analysis and Design	6ср
49119	Problematic Soils and Ground	_
	Improvement Techniques	6ср
49118	Applied Geotechnics	6ср
Select 6 cre	edit points of electives	

Civil Engineering major - subjects typically offered in

Autumn 49002 Managing Projects 6ср Traffic and Transportation 49102 6ср 49105 Water Supply and Wastewater Management 6ср 49107 Urban Stormwater Design 6ср 49109 Engineered Natural Water Treatment Systems 6ср 49126 Environmental Management of Land

Application of Timber in Engineering Structures

Civil Engineering major - subjects typically offered in

Jpi ilig		
49002	Managing Projects	6ср
49106	Road Engineering Practice	6ср
49115	Facade Engineering	6ср
49121	Environmental Assessment and Planning	6ср
49131	Bridge Design	6ср
49150	Prestressed Concrete Design	6ср
49118	Applied Geotechnics	6ср

Computer Control Engineering major Select one subject from the following:

49136

select one	subject from the following.		ocp
49261	Biomedical Instrumentation	6ср	-
49274	Advanced Robotics	6ср	
49275	Neural Networks and Fuzzy Logic	6ср	
Select two	subjects from the following:		12cp
49048	Wireless Networking Technologies	6ср	•
49261	Biomedical Instrumentation	6ср	
49262	Web Technologies	6ср	
49263	Software Analysis and Design	6ср	
32603	Systems Quality Management	6ср	
32555	Fundamentals of Software Development	6ср	
49274	Advanced Robotics	6ср	
49275	Neural Networks and Fuzzy Logic	6cp	
Select 6 cr	edit points of electives		6ср

Computer Control Engineering major - subjects typically

onered in Autumn					
49048	Wireless Networking Technologies	6ср			
32603	Systems Quality Management	6cp			
32555	Fundamentals of Software Development	6ср			
49275	Neural Networks and Fuzzy Logic	6cp			

Computer Control Engineering major - subjects typically offered in Spring

	-p5	
49261	Biomedical Instrumentation	6ср
49262	Web Technologies	6ср
49263	Software Analysis and Design	6ср
49274	Advanced Robotics	6ср

Energy Planning and Policy major Select one of the following:

4902	l Evaluation of Infrastructure	
	Investments	6ср
49024	4 Energy Modelling	6ср
Select three	ee subjects from the following:	
49024	Energy Modelling	6ср
49025	Methods for Energy Analysis	6ср
49026	Electricity Sector Planning and	_
	Restructuring	6ср
49027	Energy Demand Analysis and Forecasting	6ср

6ср

18cp

49028	Policy and Planning of Energy			Manufa	cturing Eng and Management - subjects	typica	lly
	Conservation	6ср		offered	in Autumn		
49029	Environmental Policy for Energy Systems	6ср		49002	Managing Projects		6ср
49706	Regulatory Economics	6ср		49316	Materials Handling		6cp
49021	Evaluation of Infrastructure			49321	Energy Conversion		6cp
	Investments	6ср		49322	Airconditioning		6cp
49022	Energy Resources and Technology	6ср		49928	Design Optimisation for Manufacturing		6ср
49023	Energy and Environmental Economics	6ср			8 11		- 1
Energy	Planning and Policy major, cubicate typ	ically		Manufa	cturing Eng and Management - subjects	typica	lly
	Planning and Policy major - subjects typ	ically		offered	in Spring		
	in Autumn			49002	Managing Projects		6ср
49025	Methods for Energy Analysis		6ср	49049	Air and Noise Pollution		6cp
49026	Electricity Sector Planning and Restructuring	ıg	6ср	49307	Internal Combustion Engines		6cp
49027	Energy Demand Analysis and Forecasting		6ср	49325	Computer-aided Mechanical Design		6cp
49021	Evaluation of Infrastructure Investments		6ср	49328	Turbomachines		6cp
Ename	Diaming and Dalies major subjects tun	iaallu		49312	Advanced Flow Modelling		6ср
	Planning and Policy major - subjects typ	ically					-
	in Spring				e Engineering major		
49024	Energy Modelling		6cp	32555	Fundamentals of Software Development		6ср
49028	Policy and Planning of Energy Conservation	n	6cp	Select tw	o subjects from the following:		12cp
49029	Environmental Policy for Energy Systems		6cp	49002	Managing Projects	6ср	12cp
49706	Regulatory Economics		6ср	49262	Web Technologies	6ср	
Intogra	tod Logistic Support and Engineering Ma	nagor	nont	49263	Software Analysis and Design	6ср	
	ted Logistic Support and Engineering Ma	iiayei	ileilt	32603	Systems Quality Management	6ср	
major					, , ,	··r	
49001	Judgment and Decision Making		6ср		e subject from the following:	(-	6ср
49309	Quality Planning and Analysis		6cp	49001	Judgment and Decision Making	6ср	
49655	Integrated Logistic Support		6ср	49013	Managing Information Technology in		
49678	Reliability Availability and Maintainability		6ср	4004.6	Engineering	6cp	
Intogra	ted Logistic Support Eng Mg - subjects ty	nicall	v	49016	Technology and Innovation Management	6ср	
_		picati	y	49306	Quality and Operations Management	(
	in Autumn				Systems	6ср	
49001	Judgment and Decision Making		6cp	Softwar	e Engineering major - subjects typically	offere	ed in
49309 49678	Quality Planning and Analysis		6cp	Autumn		011010	
49070	Reliability Availability and Maintainability		6ср	49001	Judgment and Decision Making		6cn
Integra	ted Logistic Support Eng Mg - subjects ty	nicall	v	49001	Managing Projects		6ср 6ср
_	in Spring	picati	,	49013	Managing Information Technology in		оср
49001	Judgment and Decision Making		6cn	17010	Engineering		6ср
49309	Quality Planning and Analysis		6ср 6ср	49016	Technology and Innovation Management		6ср
49655	Integrated Logistic Support		6ср	32603	Systems Quality Management		6ср
17000	integrated Eogistic Support		оср	32555	Fundamentals of Software Development		6ср
Local G	overnment Engineering major			49306	Quality and Operations Management Syste	ms	6ср
	ree subjects from the following:		18cp		~ , 1		1
49102	Traffic and Transportation	6ср	•	Softwar	e Engineering major - subjects typically	offere	ed in
49258	Pavement Analysis and Design	6ср		Spring			
49106	Road Engineering Practice	6ср		49001	Judgment and Decision Making		6ср
49107	Urban Stormwater Design	6ср		49002	Managing Projects		6ср
49108	Local Government Powers and Practice	6ср		49013	Managing Information Technology in		-
49121	Environmental Assessment and Planning	6ср			Engineering		6ср
49126	Environmental Management of Land	6ср		49016	Technology and Innovation Management		6ср
Select 6	credit points of electives		6ср	49262	Web Technologies		6ср
	F F		···r				
Local G				49263	Software Analysis and Design		6ср
Lucat 6	overnment Engineering major - subjects	typica	ally	49263 49306	Software Analysis and Design Quality and Operations Management Syste	ms	6ср 6ср
	overnment Engineering major - subjects I in Autumn	typica	ally	49306	Quality and Operations Management Syste	ms	
		typica	ally 6cp	49306 Structu	Quality and Operations Management Syste ral Engineering major	ms	6ср
offered	in Autumn	typica		49306 Structu Select the	Quality and Operations Management Syste ral Engineering major ree subjects from the following:		
offered 49102	in Autumn Traffic and Transportation Pavement Analysis and Design Urban Stormwater Design	typica	6ср	49306 Structu Select the 49047	Quality and Operations Management Syste ral Engineering major ree subjects from the following: Finite Element Analysis	6ср	6ср
offered 49102 49258	in Autumn Traffic and Transportation Pavement Analysis and Design	typica	6cp 6cp 6cp	49306 Structu Select the 49047 49131	Quality and Operations Management Syste ral Engineering major ree subjects from the following: Finite Element Analysis Bridge Design		6ср
offered 49102 49258 49107	in Autumn Traffic and Transportation Pavement Analysis and Design Urban Stormwater Design Local Government Powers and Practice	typica	6ср 6ср	49306 Structu Select the 49047	Quality and Operations Management Syste ral Engineering major ree subjects from the following: Finite Element Analysis Bridge Design Structural Dynamics and Earthquake	6cp 6cp	6ср
offered 49102 49258 49107 49108 49126	in Autumn Traffic and Transportation Pavement Analysis and Design Urban Stormwater Design Local Government Powers and Practice Environmental Management of Land		6cp 6cp 6cp 6cp 6cp	49306 Structu Select the 49047 49131 49134	Quality and Operations Management Syste ral Engineering major ree subjects from the following: Finite Element Analysis Bridge Design Structural Dynamics and Earthquake Engineering	6ср	6ср
offered 49102 49258 49107 49108 49126 Local G	in Autumn Traffic and Transportation Pavement Analysis and Design Urban Stormwater Design Local Government Powers and Practice Environmental Management of Land overnment Engineering major - subjects		6cp 6cp 6cp 6cp 6cp	49306 Structu Select the 49047 49131	Quality and Operations Management Syste ral Engineering major ree subjects from the following: Finite Element Analysis Bridge Design Structural Dynamics and Earthquake Engineering Application of Timber in Engineering	6cp 6cp	6ср
offered 49102 49258 49107 49108 49126 Local G	in Autumn Traffic and Transportation Pavement Analysis and Design Urban Stormwater Design Local Government Powers and Practice Environmental Management of Land		6cp 6cp 6cp 6cp 6cp	49306 Structu Select the 49047 49131 49134 49136	Quality and Operations Management Syste ral Engineering major ree subjects from the following: Finite Element Analysis Bridge Design Structural Dynamics and Earthquake Engineering Application of Timber in Engineering Structures	6cp 6cp 6cp	6ср
offered 49102 49258 49107 49108 49126 Local G offered 49106	in Autumn Traffic and Transportation Pavement Analysis and Design Urban Stormwater Design Local Government Powers and Practice Environmental Management of Land overnment Engineering major - subjects		6cp 6cp 6cp 6cp 6cp	49306 Structu Select the 49047 49131 49134 49136 49150	Quality and Operations Management Syste ral Engineering major ree subjects from the following: Finite Element Analysis Bridge Design Structural Dynamics and Earthquake Engineering Application of Timber in Engineering Structures Prestressed Concrete Design	6cp 6cp 6cp 6cp	6ср
offered 49102 49258 49107 49108 49126 Local G offered	in Autumn Traffic and Transportation Pavement Analysis and Design Urban Stormwater Design Local Government Powers and Practice Environmental Management of Land overnment Engineering major - subjects in Spring		6cp 6cp 6cp 6cp 6cp	49306 Structu Select the 49047 49131 49134 49136 49150 49002	Quality and Operations Management Syste ral Engineering major ree subjects from the following: Finite Element Analysis Bridge Design Structural Dynamics and Earthquake Engineering Application of Timber in Engineering Structures Prestressed Concrete Design Managing Projects	6cp 6cp 6cp 6cp 6cp	6ср
offered 49102 49258 49107 49108 49126 Local G offered 49106 49121	in Autumn Traffic and Transportation Pavement Analysis and Design Urban Stormwater Design Local Government Powers and Practice Environmental Management of Land Fovernment Engineering major - subjects in Spring Road Engineering Practice Environmental Assessment and Planning	typica	6cp 6cp 6cp 6cp 6cp	49306 Structu Select the 49047 49131 49134 49136 49150	Quality and Operations Management Syste ral Engineering major ree subjects from the following: Finite Element Analysis Bridge Design Structural Dynamics and Earthquake Engineering Application of Timber in Engineering Structures Prestressed Concrete Design Managing Projects Facade Engineering	6cp 6cp 6cp 6cp 6cp 6cp	6ср
offered 49102 49258 49107 49108 49126 Local G offered 49106 49121 Manufa	in Autumn Traffic and Transportation Pavement Analysis and Design Urban Stormwater Design Local Government Powers and Practice Environmental Management of Land Fovernment Engineering major - subjects in Spring Road Engineering Practice Environmental Assessment and Planning acturing Engineering and Management m	typica	6cp 6cp 6cp 6cp 6cp 6cp	49306 Structu Select the 49047 49131 49134 49136 49150 49002 49115	Quality and Operations Management Syste ral Engineering major ree subjects from the following: Finite Element Analysis Bridge Design Structural Dynamics and Earthquake Engineering Application of Timber in Engineering Structures Prestressed Concrete Design Managing Projects	6cp 6cp 6cp 6cp 6cp	6ср
offered 49102 49258 49107 49108 49126 Local G offered 49106 49121 Manufa Select th	In Autumn Traffic and Transportation Pavement Analysis and Design Urban Stormwater Design Local Government Powers and Practice Environmental Management of Land Sovernment Engineering major - subjects In Spring Road Engineering Practice Environmental Assessment and Planning secturing Engineering and Management maree subjects from the following:	typica ajor	6cp 6cp 6cp 6cp 6cp	49306 Structu Select the 49047 49131 49134 49136 49150 49002 49115 49118	Quality and Operations Management Syste ral Engineering major ree subjects from the following: Finite Element Analysis Bridge Design Structural Dynamics and Earthquake Engineering Application of Timber in Engineering Structures Prestressed Concrete Design Managing Projects Facade Engineering Applied Geotechnics	6cp 6cp 6cp 6cp 6cp 6cp	6ср
offered 49102 49258 49107 49108 49126 Local G offered 49106 49121 Manufa Select th 49002	in Autumn Traffic and Transportation Pavement Analysis and Design Urban Stormwater Design Local Government Powers and Practice Environmental Management of Land sovernment Engineering major - subjects in Spring Road Engineering Practice Environmental Assessment and Planning acturing Engineering and Management mare subjects from the following: Managing Projects	typica ajor 6cp	6cp 6cp 6cp 6cp 6cp 6cp	49306 Structu Select the 49047 49131 49134 49136 49150 49002 49115 49118	Quality and Operations Management Syste ral Engineering major ree subjects from the following: Finite Element Analysis Bridge Design Structural Dynamics and Earthquake Engineering Application of Timber in Engineering Structures Prestressed Concrete Design Managing Projects Facade Engineering Applied Geotechnics Problematic Soils and Ground	6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср
offered 49102 49258 49107 49108 49126 Local G offered 49106 49121 Manufa Select th 49002 49049	In Autumn Traffic and Transportation Pavement Analysis and Design Urban Stormwater Design Local Government Powers and Practice Environmental Management of Land Sovernment Engineering major - subjects In Spring Road Engineering Practice Environmental Assessment and Planning Incturing Engineering and Management maree subjects from the following: Managing Projects Air and Noise Pollution	ajor 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp	49306 Structu Select the 49047 49131 49134 49136 49150 49002 49115 49118 49119	Quality and Operations Management Syste ral Engineering major ree subjects from the following: Finite Element Analysis Bridge Design Structural Dynamics and Earthquake Engineering Application of Timber in Engineering Structures Prestressed Concrete Design Managing Projects Facade Engineering Applied Geotechnics Problematic Soils and Ground Improvement Techniques	6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср
offered 49102 49258 49107 49108 49126 Local G offered 49106 49121 Manufa Select th 49002 49049 49307	In Autumn Traffic and Transportation Pavement Analysis and Design Urban Stormwater Design Local Government Powers and Practice Environmental Management of Land Sovernment Engineering major - subjects In Spring Road Engineering Practice Environmental Assessment and Planning Incturing Engineering and Management materies subjects from the following: Managing Projects Air and Noise Pollution Internal Combustion Engines	ajor 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp	49306 Structu Select the 49047 49131 49134 49136 49150 49002 49115 49118 49119 49135	Quality and Operations Management Syste ral Engineering major ree subjects from the following: Finite Element Analysis Bridge Design Structural Dynamics and Earthquake Engineering Application of Timber in Engineering Structures Prestressed Concrete Design Managing Projects Facade Engineering Applied Geotechnics Problematic Soils and Ground Improvement Techniques Wind Engineering	6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср
offered 49102 49258 49107 49108 49126 Local G offered 49106 49121 Manufa Select th 49002 49049 49307 49316	In Autumn Traffic and Transportation Pavement Analysis and Design Urban Stormwater Design Local Government Powers and Practice Environmental Management of Land Sovernment Engineering major - subjects In Spring Road Engineering Practice Environmental Assessment and Planning Incturing Engineering and Management maree subjects from the following: Managing Projects Air and Noise Pollution Internal Combustion Engines Materials Handling	ajor 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp	49306 Structu Select the 49047 49131 49134 49136 49150 49002 49115 49118 49119 49135 49143	Quality and Operations Management Syste ral Engineering major ree subjects from the following: Finite Element Analysis Bridge Design Structural Dynamics and Earthquake Engineering Application of Timber in Engineering Structures Prestressed Concrete Design Managing Projects Facade Engineering Applied Geotechnics Problematic Soils and Ground Improvement Techniques Wind Engineering Civil Engineering Review 1	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср
offered 49102 49258 49107 49108 49126 Local G offered 49106 49121 Manufa Select th 49002 49049 49307 49316 49321	In Autumn Traffic and Transportation Pavement Analysis and Design Urban Stormwater Design Local Government Powers and Practice Environmental Management of Land Fovernment Engineering major - subjects In Spring Road Engineering Practice Environmental Assessment and Planning Incturing Engineering and Management mare subjects from the following: Managing Projects Air and Noise Pollution Internal Combustion Engines Materials Handling Energy Conversion	ajor 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp	49306 Structu Select the 49047 49131 49134 49136 49150 49002 49115 49118 49119 49135 49143 49151	Quality and Operations Management Syste ral Engineering major ree subjects from the following: Finite Element Analysis Bridge Design Structural Dynamics and Earthquake Engineering Application of Timber in Engineering Structures Prestressed Concrete Design Managing Projects Facade Engineering Applied Geotechnics Problematic Soils and Ground Improvement Techniques Wind Engineering Civil Engineering Review 1 Concrete Technology and Practice	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср
offered 49102 49258 49107 49108 49126 Local G offered 49106 49121 Manufa Select th 49002 49002 49307 49316 49321 49322	Traffic and Transportation Pavement Analysis and Design Urban Stormwater Design Local Government Powers and Practice Environmental Management of Land Tovernment Engineering major - subjects in Spring Road Engineering Practice Environmental Assessment and Planning Incturing Engineering and Management more subjects from the following: Managing Projects Air and Noise Pollution Internal Combustion Engines Materials Handling Energy Conversion Airconditioning	ajor 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp	49306 Structu Select the 49047 49131 49134 49136 49150 49002 49115 49118 49119 49135 49143 49151 49254	Quality and Operations Management Syste ral Engineering major ree subjects from the following: Finite Element Analysis Bridge Design Structural Dynamics and Earthquake Engineering Application of Timber in Engineering Structures Prestressed Concrete Design Managing Projects Facade Engineering Applied Geotechnics Problematic Soils and Ground Improvement Techniques Wind Engineering Civil Engineering Review 1 Concrete Technology and Practice Advanced Soil Mechanics and Foundation Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 18cp
offered 49102 49258 49107 49108 49126 Local G offered 49106 49121 Manufa Select th 49002 49049 49307 49316 49321 49322 49325	Traffic and Transportation Pavement Analysis and Design Urban Stormwater Design Local Government Powers and Practice Environmental Management of Land Tovernment Engineering major - subjects In Spring Road Engineering Practice Environmental Assessment and Planning Inturing Engineering and Management maree subjects from the following: Managing Projects Air and Noise Pollution Internal Combustion Engines Materials Handling Energy Conversion Airconditioning Computer-aided Mechanical Design	ajor 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 6cp 6cp 6cp 6cp	49306 Structu Select the 49047 49131 49134 49136 49150 49002 49115 49118 49119 49135 49143 49151 49254	Quality and Operations Management Syste ral Engineering major ree subjects from the following: Finite Element Analysis Bridge Design Structural Dynamics and Earthquake Engineering Application of Timber in Engineering Structures Prestressed Concrete Design Managing Projects Facade Engineering Applied Geotechnics Problematic Soils and Ground Improvement Techniques Wind Engineering Civil Engineering Review 1 Concrete Technology and Practice Advanced Soil Mechanics and Foundation	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср
offered 49102 49258 49107 49108 49126 Local G offered 49106 49121 Manufa Select th 49002 49049 49307 49316 49321 49322 49325 49328	Traffic and Transportation Pavement Analysis and Design Urban Stormwater Design Local Government Powers and Practice Environmental Management of Land Tovernment Engineering major - subjects In Spring Road Engineering Practice Environmental Assessment and Planning Inturing Engineering and Management maree subjects from the following: Managing Projects Air and Noise Pollution Internal Combustion Engines Materials Handling Energy Conversion Airconditioning Computer-aided Mechanical Design Turbomachines	ajor 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6c	6cp 6cp 6cp 6cp 6cp 6cp	49306 Structu Select the 49047 49131 49134 49136 49150 49002 49115 49118 49119 49135 49143 49151 49254	Quality and Operations Management Syste ral Engineering major ree subjects from the following: Finite Element Analysis Bridge Design Structural Dynamics and Earthquake Engineering Application of Timber in Engineering Structures Prestressed Concrete Design Managing Projects Facade Engineering Applied Geotechnics Problematic Soils and Ground Improvement Techniques Wind Engineering Civil Engineering Review 1 Concrete Technology and Practice Advanced Soil Mechanics and Foundation Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 18cp
offered 49102 49258 49107 49108 49126 Local G offered 49106 49121 Manufa Select th 49002 49049 49307 49316 49321 49322 49325 49328 49928	Traffic and Transportation Pavement Analysis and Design Urban Stormwater Design Local Government Powers and Practice Environmental Management of Land Tovernment Engineering major - subjects In Spring Road Engineering Practice Environmental Assessment and Planning Toturing Engineering and Management maree subjects from the following: Managing Projects Air and Noise Pollution Internal Combustion Engines Materials Handling Energy Conversion Airconditioning Computer-aided Mechanical Design Turbomachines Design Optimisation for Manufacturing	ajor 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6c	6cp 6cp 6cp 6cp 6cp 6cp	49306 Structu Select the 49047 49131 49134 49136 49150 49002 49115 49118 49119 49135 49143 49151 49254	Quality and Operations Management Syste ral Engineering major ree subjects from the following: Finite Element Analysis Bridge Design Structural Dynamics and Earthquake Engineering Application of Timber in Engineering Structures Prestressed Concrete Design Managing Projects Facade Engineering Applied Geotechnics Problematic Soils and Ground Improvement Techniques Wind Engineering Civil Engineering Review 1 Concrete Technology and Practice Advanced Soil Mechanics and Foundation Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 18cp
offered 49102 49258 49107 49108 49126 Local G offered 49106 49121 Manufa Select th 49002 49049 49307 49316 49321 49322 49325 49328 49928 49312	Traffic and Transportation Pavement Analysis and Design Urban Stormwater Design Local Government Powers and Practice Environmental Management of Land Tovernment Engineering major - subjects in Spring Road Engineering Practice Environmental Assessment and Planning Toturing Engineering and Management mare subjects from the following: Managing Projects Air and Noise Pollution Internal Combustion Engines Materials Handling Energy Conversion Airconditioning Computer-aided Mechanical Design Turbomachines Design Optimisation for Manufacturing Advanced Flow Modelling	ajor 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6c	6cp 6cp 6cp 6cp 6cp 6cp 18cp	49306 Structu Select the 49047 49131 49134 49136 49150 49002 49115 49118 49119 49135 49143 49151 49254	Quality and Operations Management Syste ral Engineering major ree subjects from the following: Finite Element Analysis Bridge Design Structural Dynamics and Earthquake Engineering Application of Timber in Engineering Structures Prestressed Concrete Design Managing Projects Facade Engineering Applied Geotechnics Problematic Soils and Ground Improvement Techniques Wind Engineering Civil Engineering Review 1 Concrete Technology and Practice Advanced Soil Mechanics and Foundation Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 18cp
offered 49102 49258 49107 49108 49126 Local G offered 49106 49121 Manufa Select th 49002 49049 49307 49316 49321 49322 49325 49328 49928 49312	Traffic and Transportation Pavement Analysis and Design Urban Stormwater Design Local Government Powers and Practice Environmental Management of Land Tovernment Engineering major - subjects In Spring Road Engineering Practice Environmental Assessment and Planning Toturing Engineering and Management maree subjects from the following: Managing Projects Air and Noise Pollution Internal Combustion Engines Materials Handling Energy Conversion Airconditioning Computer-aided Mechanical Design Turbomachines Design Optimisation for Manufacturing	ajor 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6c	6cp 6cp 6cp 6cp 6cp 6cp	49306 Structu Select the 49047 49131 49134 49136 49150 49002 49115 49118 49119 49135 49143 49151 49254	Quality and Operations Management Syste ral Engineering major ree subjects from the following: Finite Element Analysis Bridge Design Structural Dynamics and Earthquake Engineering Application of Timber in Engineering Structures Prestressed Concrete Design Managing Projects Facade Engineering Applied Geotechnics Problematic Soils and Ground Improvement Techniques Wind Engineering Civil Engineering Review 1 Concrete Technology and Practice Advanced Soil Mechanics and Foundation Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 18cp

Structur	al Engineering major - subjects typicall	v offo	rad	49262	Web Technologies	6ср	
		y one	eu	49263	Software Analysis and Design	6ср	
n Autum				32570	Enterprise Software Architecture and	оср	
49002	Managing Projects		6ср	32370	Middleware	600	
19047	Finite Element Analysis		6ср	42902		6cp	
49119	Problematic Soils and Ground Improvemen	ıt			Interior Routing and High Availability	6cp	
	Techniques		6ср	42903	Multi Protocol Label Switching	6ср	
49136	Application of Timber in Engineering Struct	tures	6ср	Select 6 c	redit points of electives		6ср
49135	Wind Engineering		6ср		1		1
49151	Concrete Technology and Practice		6ср	Telecon	nmunication Networks major - subjects	typical	lly
	0,7		-		in Autumn		-
Structura	al Engineering major - subjects typicall	y offe	red	49048	Wireless Networking Technologies		6ср
n Spring				49202	Communication Protocols		6ср
49002	Managing Projects		6ср	32555	Fundamentals of Software Development		6ср
49118	Applied Geotechnics		6cp	32333	i andamentals of software Development		оср
49131	Bridge Design		6ср	Telecon	nmunication Networks major - subjects	tvpical	llv
49150	Prestressed Concrete Design		6ср			., p. ca.	,
49134	Structural Dynamics and Earthquake		оср		in Spring		
17101	Engineering		6ср	49201	Integrated Services Networks		6cp
19254	Advanced Soil Mechanics and Foundation		оср	49215	Telecommunications Industry Managemen		6cp
17231	Design		6ср	49238	Telecommunication Networks Managemen	t	6cp
	Design		оср	49262	Web Technologies		6cp
Telecomi	munications Engineering major			49263	Software Analysis and Design		6ср
	t one of the following:		6ср	32570	Enterprise Software Architecture and		
49205		6ср	оср		Middleware		6ср
49215		оср		\Makan F			
47210	<i>y</i>	6 010			ngineering major		
	Management	6ср			ree subjects from the following:		18cp
Select two	subjects from the following:		12cp	49107	Urban Stormwater Design	6ср	
49205	Transmission Systems	6ср	-	49117	Floodplain Risk Management in NSW	6ср	
49215	Telecommunications Industry	•		49109	Engineered Natural Water Treatment		
	Management	6ср			Systems	6ср	
49048	Wireless Networking Technologies	6cp		49122	Ecology and Sustainability	6ср	
19099	GSM, GPRS and EDGE Technologies	6cp		49255	Catchment Modelling	6ср	
49201	Integrated Services Networks	6ср		49256	Flood Estimation	6ср	
49238	Telecommunication Networks	оср		49116	Contaminated Site and Waste Remediation		
17230	Management	6ср		49126	Environmental Management of Land	6cp	
19249	Telecommunications Engineering Review			49285	Emergency Management	6ср	
49223	Satellite Communication Systems	6cp				- 1	
±7223	Saterine Communication Systems	6ср		Select 6 c	credit points of electives		6ср
Select 6 cr	edit points of electives		6ср	Water F	maina avina maiar auhia da hunia dhu af		_
	_		-		ingineering major - subjects typically of	rerea i	n
Telecomi	munications Engineering - subjects typi	ically		Autumn			
offered in	n Autumn			49107	Urban Stormwater Design		6ср
49048	Wireless Networking Technologies		6ср	49109	Engineered Natural Water Treatment System	ms	6ср
19099	GSM, GPRS and EDGE Technologies		6ср	49256	Flood Estimation		6ср
49205	Transmission Systems		6ср	49126	Environmental Management of Land		6ср
19249	Telecommunications Engineering Review		6ср		0		1
1/21/	refection and a series of the		оср	Water E	ingineering major - subjects typically of	fered i	n
Telecomi	munications Engineering - subjects typi	ically		Spring			
offered i		cutty		49117	Floodplain Risk Management in NSW		6ср
	Tata anata d Camai ana Natara alia		(49122	Ecology and Sustainability		6cp
49201 40215	Integrated Services Networks		6ср	49255	Catchment Modelling		6ср
49215	Telecommunications Industry Management		6cp	49116	Contaminated Site and Waste Remediation		6ср
49223	Satellite Communication Systems		6ср	49285			
19238	Telecommunication Networks Management	t	6ср	49203	Emergency Management		6ср
19249	Telecommunications Engineering Review		6ср	No spec	ified major		
T. I					credit points of options		24cp
	munication Networks major			Jelect 24	create points of options		24CP
	t one of the following:		6ср	Gentech	nnical Engineering major		
49202		6ср			ree subjects from the following:		18ср
49238	Telecommunication Networks			49102	Traffic and Transportation	6cm	тоср
	Management	6ср			1	6cp	
Salact and	subject from the following:		6cn	49116	Contaminated Site and Waste Remediation	1	
	_ ,	6 010	6ср	49118	Applied Geotechnics	6cp	
49202	Communication Protocols	6ср		49106	Road Engineering Practice	6ср	
49238	Telecommunication Networks			49119	Problematic Soils and Ground		
10010	Management	6cp			Improvement Techniques	6ср	
49048	Wireless Networking Technologies	6cp		49126	Environmental Management of Land	6ср	
49201	Integrated Services Networks	6ср		49254	Advanced Soil Mechanics and Foundation		
49215	Telecommunications Industry				Design	6ср	
	Management	6ср		49143	Civil Engineering Review 1	6ср	
19249	Telecommunications Engineering Review	6ср		49257	Geographic Information Systems	6ср	
12902	Interior Routing and High Availability	6ср		49258	Pavement Analysis and Design	6ср	
12903	Multi Protocol Label Switching	6ср				1	
Soloot on a	ŭ .	-	6cm	Select 6 c	credit points of electives		6ср
	subject from the following:		6ср	Contach	nical Engineering cubicate typically of	fored	in
49202	Communication Protocols	6ср		_	nnical Engineering - subjects typically of	ierea	111
49238	Telecommunication Networks	_		Autumn			
10040	Management	6cp		49102	Traffic and Transportation		6ср
49048	Wireless Networking Technologies	6ср		49119	Problematic Soils and Ground Improvemen	nt	-
49201	Integrated Services Networks	6ср			Techniques		6ср
49215	Telecommunications Industry			49126	Environmental Management of Land		6cp
	Management	6ср		49257	Geographic Information Systems		6cp
100 10		6ср		49258			6cp
19249	Telecommunications Engineering Review	ocp		47230	Pavement Analysis and Design		OCP

Geotech	nical Engineering - subjects typically off	ered	in
Spring			
49106	Road Engineering Practice		6cp
49116	Contaminated Site and Waste Remediation		6cp
49118	Applied Geotechnics		6ср
49254	Advanced Soil Mechanics and Foundation		6cn
	Design		6ср
Operatio	ns major		
49306	Quality and Operations Management Syster	ns	6ср
49309	Quality Planning and Analysis		6cp
49989	Operations Engineering		6ср
Select 6 cr	redit points from the following options:		6ср
49001	Judgment and Decision Making	6ср	
49002	Managing Projects	6cp	
49004	Systems Engineering for Managers	6cp	
49006 49016	Risk Management in Engineering	6cp	
49069	Technology and Innovation Management Leadership and Responsibility	6ср 6ср	
49655	Integrated Logistic Support	6ср	
49678	Reliability Availability and Maintainability	6ср	
49680	Value Chain Engineering Systems	6cp	
	ns major - subjects typically offered in A	autum	
49001 49004	Judgment and Decision Making Systems Engineering for Managers		6ср 6ср
49006	Risk Management in Engineering		6ср
49016	Technology and Innovation Management		6ср
49069	Leadership and Responsibility		6ср
49306	Quality and Operations Management System	ns	6ср
49309	Quality Planning and Analysis		6ср
49678	Reliability Availability and Maintainability		6cp
49680	Value Chain Engineering Systems		6cp
49989	Operations Engineering		6ср
Operatio	ns major - subjects typically offered in S	pring	1
49001	Judgment and Decision Making		6ср
49004	Systems Engineering for Managers		6ср
49006	Risk Management in Engineering		6ср
49016	Technology and Innovation Management		6cp
49069	Leadership and Responsibility		6cp
49306	Quality and Operations Management System	ns	6cp
49309 49655	Quality Planning and Analysis Integrated Logistic Support		6cp 6cp
49680	Value Chain Engineering Systems		6ср
49989	Operations Engineering		6ср
Customo	Engineering major		
49004	Engineering major		600
32569	Systems Engineering for Managers Enterprise Business Requirements		6cp
49655	Integrated Logistic Support		6ср 6ср
select o ci	redit points of electives		6ср
Systems	Engineering major - subjects typically o	offere	d in
Autumn			
49004	Systems Engineering for Managers		6cp
32569	Enterprise Business Requirements		6cp
49655	Integrated Logistic Support		6ср
Systems	Engineering major - subjects typically o	offere	d in
Spring			
49004	Systems Engineering for Managers		6ср
Riomedi	cal Engineering major		
49261	Biomedical Instrumentation		6ср
Solect one	of the following:		
9140	<u> </u>	6ср	6ср
91429		оср	
_	Movement	6ср	
Select 12 o	credit points from the following options:	_	12cp
49275	Neural Networks and Fuzzy Logic	6ср	1
49274	Advanced Robotics	6ср	
49048	Wireless Networking Technologies	6ср	
32555	Fundamentals of Software Development	6ср	
91705	Medical Devices and Diagnostics	6cp	
91403	Medical Imaging	6cp	
91140 91239	BioNanotechnology Human Pathophysiology	6ср 6ср	
/140/	11aman 1 adiophysiology	оср	

Biomedical Engineering major - subjects typically offered in Autumn

91429	Physiological Bases of Human Movement	6ср
49275	Neural Networks and Fuzzy Logic	6ср
49048	Wireless Networking Technologies	6ср
32555	Fundamentals of Software Development	6ср
91403	Medical Imaging	6ср

Biomedical Engineering major - subjects typically offered in Autumn

49261	Biomedical Instrumentation	6ср
91400	Human Anatomy and Physiology	6ср
49274	Advanced Robotics	6ср
91705	Medical Devices and Diagnostics	6ср
91140	BioNanotechnology	6ср
91239	Human Pathophysiology	6cp

Articulation with UTS courses

Study undertaken in this course may be credited in full towards a Master of Engineering (C04090) (see page 309) or Master of Engineering Studies (C04097) (see page 315) provided the entry requirements of the master's degrees are met. Completion of the course requirements does not guarantee admission to master's candidature. Eligibility for consideration may be subject to the attainment of a certain level of performance, typically a weighted average mark in completed subjects of at least 65 per cent over 18 credit points.

Other information

Further information is available from: Building 1 Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

C11051v3 Graduate Certificate in Environmental Engineering Management

Award(s): Graduate Certificate in Environmental Engineering Management [GradCertEEM]

UAC code: 942336 (Autumn semester), 942343 (distance) (Autumn semester), 945346 (Spring semester), 945343 (distance) (Spring semester) CRICOS code: 025809G

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5

Location: City campus or distance

Overview

This course deals with the broad aspects of environmental management relevant to practising professionals in engineering science, planning, architecture, law, surveying, health and building. Engineers, scientists, town planners and other professionals working in this field have a compelling duty to ensure that the adverse effects of development on the total environment are minimised.

Environmental engineering and management is high on the political agenda. It also has a high professional priority. Students develop a background and competence in environmental management.

Course aims

The course aims to develop an awareness and understanding of the human impact on the environment with respect to waste minimisation and water quality management, and the professional skills required to work as part of an integrated team responsible for environmental planning and management.

Career options

This course is of relevance to practising professionals in architecture, building, engineering science, health, law, planning and surveying.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Previous qualifications must be in engineering, science, design, architecture, building, surveying or planning. Provisional admission for graduates from other disciplines is available provided the education contained an adequate introduction to mathematics and physical sciences. Applicants without a degree, but who have a TAFE diploma or equivalent and with suitable work experience, may also apply for this course. All applications are assessed individually.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Credit recognition is considered in accordance with the University's policy on credit recognition (www.gsu.uts.edu.au/policies/credit-recognition.html). The maximum amount of credit recognition granted is 6 credit points (without exception). Further information is available at:

www.eng.uts.edu.au/courses/postgraduate/credit-recognition.html

Course duration and attendance

The normal attendance pattern, based on two subjects a semester, requires a minimum of one year to complete the course. This degree is also available to full-time, fee-paying international students who complete the degree in one semester.

The block attendance pattern of study currently consists of three sessions a semester, each session involving three full days of attendance. To complete two subjects in a semester, three full days of attendance are required at each session. To complete one subject in a semester, one-and-a-half days of attendance at each session are required.

Subjects may also be taken in distance mode.

Course structure

Students complete three subjects chosen from a core list of subjects (Group A) and one subject from an electives list (Group B), totalling 24 credit points of study.

Course completion requirements

CBK90360 Electives choice (Group B)	6ср
CBK90359 Core subject choice (Group A)	18cp
,	Total 24cp

Course program

Subject lists are shown below.

1 . . .

Select three subjects from the following:					
	49049	Air and Noise Pollution	6ср	-	
	49109	Engineered Natural Water Treatment	•		
		Systems	6ср		
	49121	Environmental Assessment and Planning	6ср		
	49122	Ecology and Sustainability	6ср		
	49123	Waste and Pollution Management	6ср		
	49116	Contaminated Site and Waste Remediation	6ср		
	49125	Environmental Risk Assessment	6ср		
	49126	Environmental Management of Land	6ср		
	49127	On-site Water and Wastewater Treatment	6ср		
	49257	Geographic Information Systems	6ср		
	Select one	subject from the following:		6ср	
	49001	Judgment and Decision Making	6ср	1	
	49002	Managing Projects	6cp		
	49003	Economic Evaluation	6ср		
	49108	Local Government Powers and Practice	6cp		
	Subjects	typically offered in Autumn			
	49001	Judgment and Decision Making		6ср	
	49002	Managing Projects		6cp	
	49003	Economic Evaluation		6ср	
				200	

49108	Local Government Powers and Practice	6ср
49109	Engineered Natural Water Treatment Systems	6ср
49116	Contaminated Site and Waste Remediation	6ср
49122	Ecology and Sustainability	6ср
49123	Waste and Pollution Management	6ср
49126	Environmental Management of Land	6ср
49257	Geographic Information Systems	6ср
Subject	s typically offered in Spring	
49001	Judgment and Decision Making	6ср
49002	Managing Projects	6ср
49003	Economic Evaluation	6ср
49049	Air and Noise Pollution	6ср
49121	Environmental Assessment and Planning	6ср
49125	Environmental Risk Assessment	6ср
49127	On-site Water and Wastewater Treatment	6cp

Articulation with UTS courses

Work undertaken in this course may be credited in full towards the Master of Environmental Engineering Management (C04098) (see page 321) provided the requirements of the master's degree are met, in terms of subject coverage and project weighting.

However, completion of the requirements for the graduate certificate does not guarantee admission to master's candidature.

Other information

Further information is available from: Building 1 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C11053v5 Graduate Certificate in Local Government Management

Award(s): Graduate Certificate in Local Government Management [GradCertLGM]

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Note(s)

This is an exit-only course. There is no direct admission to it. Current UTS students may be able to transfer into this course. Check with your faculty.

This course is not offered to international students.

Overview

Today's local government manager must have a high level of professional expertise together with a broad range of managerial skills and a sound understanding of the special characteristics of local government. The Graduate Certificate in Local Government Management is tailored to the local government environment, allowing managers to meet their differing professional needs, while keeping up-to-date with the latest issues.

Course duration and attendance

The course is offered on a one-year, part-time basis.

Course completion requirements

15608	Corporate Management and		
	Organisational Change		6ср
15604	Local Government Management Principles		1
	and Practice 1		6ср
Select 12 c	redit points from the following options:		12cp
15609	Local Environmental Management	6ср	_
15610	Local Government Leadership: Personal	_	
	and Professional Skills	6ср	
15602	Social Planning and Development	6ср	
15603	Integrated Strategic Planning	6ср	
15606	Vocational Competencies 1	6ср	
15607	Vocational Competencies 2	6ср	
	<u>*</u>	Total	1 24cp

Exit award

With prior approval, students who have completed 24 credit points of study in the Graduate Diploma in Local Government Management (C06033) (see page 387) can exit their studies with a Graduate Certificate in Local Government Management.

Other information

Further information is available from:

Gabrielle Watterson

Administration Officer

telephone +61 2 9514 1659

fax +61 2 9514 2274

email Gabrielle.Watterson@uts.edu.au

www.clg.uts.edu.au

C11054v2 Graduate Certificate in Engineering Management

Award(s): Graduate Certificate in Engineering Management (GradCertEM) UAC code: 942338 (Autumn semester), 942345 (distance) (Autumn semester), 945338 (Spring semester), 945345 (distance) (Spring semester) CRICOS code: 024395M

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5

Location: City campus and distance

Note(s)

This course is also offered offshore. It is available in Hong Kong. The language of tuition is English.

Overview

Many working engineers and technologists do not have the time to commit to a master's course. However, the demand for management knowledge among engineers is increasing. The Graduate Certificate in Engineering Management is designed to provide management knowledge which can be tailored to fit students' needs.

The course is designed to provide practised engineers with extended knowledge beyond their first degree and to update knowledge and skills in recent advances in engineering, technology and business practice.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants without a degree, but who have a TAFE diploma or equivalent and with suitable work experience, may also apply for this course. All applications are assessed individually.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Credit recognition is considered in accordance with the University policy on credit recognition. The maximum amount of credit recognition granted is 6 credit points (without exception). Further information is available at:

www.eng.uts.edu.au/courses/postgraduate/credit-recognition.html

Course duration and attendance

The course can be completed in one semester of full-time or one year of part-time study. Subjects may be taken in the evening or by distance mode.

Course structure

Students complete 24 credit points of study. A minimum of 18 credit points comes from the core of the Master of Engineering Management and the remainder from core or elective subjects. Elective subjects are to be chosen from postgraduate subjects offered within UTS: Engineering, excluding 49277, 49278, 49279, 49454, 49458, 49459, 49460, 49461, 49462, 49463, 49464 and 49465.

Course completion requirements

CBK90116 Core subjects	18cp
Select 6 credit points from the following options:	6ср
CBK90230 Elective	6ср
	Total 24cp

Course program

The list of available subjects is shown below.

Select 18 credit points from the following options: 49001 Judgment and Decision Making 49002 Managing Projects 49003 Economic Evaluation 49004 Systems Engineering for Managers 49309 Quality Planning and Analysis 49680 Value Chain Engineering Systems			6cp 6cp 6cp 6cp 6cp	18cp
Selec 2274 4909	Decisions	6ср 6ср	6ср	
Selec 2184 4906	1 0 0	6ср 6ср	6ср	
Select 6 credit points of electives			6ср	

Subjects typically offered in Autumn

21844	Managing Work and People	6ср
22747	Accounting for Managerial Decisions	6ср
49001	Judgment and Decision Making	6ср
49002	Managing Projects	6cp
49003	Economic Evaluation	6ср
49004	Systems Engineering for Managers	6ср
49069	Leadership and Responsibility	6cp
49098	Engineering Financial Control	6cp
49309	Quality Planning and Analysis	6cp
49680	Value Chain Engineering Systems	6ср

Subjects typically offered in Spring

Subjects	Subjects typically offered in Spring				
21844	Managing Work and People	6ср			
22747	Accounting for Managerial Decisions	6ср			
49001	Judgment and Decision Making	6ср			
49002	Managing Projects	6ср			
49003	Economic Evaluation	6ср			
49004	Systems Engineering for Managers	6ср			
49069	Leadership and Responsibility	6ср			
49098	Engineering Financial Control	6ср			
49309	Quality Planning and Analysis	6ср			
49680	Value Chain Engineering Systems	6ср			

Articulation with UTS courses

All the subjects in this course are taken from the Master of Engineering Management (C04094) (see page 314) (MEM) and may be credited towards the MEM on successful admission to that program.

Other information

Further information is available from:

Building 1 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C11057v2 Graduate Certificate in Engineering Management

Award(s): Graduate Certificate in Engineering Management (GradCertEM) Commonwealth-supported place?: No

Load credit points: 24

Course FFTSL: 0.5 Location: Hong Kong

Note(s)

This course is only offered offshore. It is available in Beijing. The language of tuition is Modern Standard Chinese.

It is the Chinese language version of the Graduate Certificate in Engineering Management (C11054) (see page 434). It is offered through the Hong Kong Management Association.

Overview 3 4 1

Many working engineers and technologists do not have the time to commit to a full master's course. However, the demand for management knowledge among engineers is increasing. The Graduate Certificate in Engineering Management is designed to provide management knowledge that can be tailored to fit students' needs.

The course is designed to provide practised engineers with extended knowledge beyond their first degree and to update knowledge and skills in recent advances in engineering, technology and business practice.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants without formal qualifications should produce evidence of general and professional qualifications sufficient to show the educational preparation and capacity to pursue graduate studies as well as have two years of relevant work experience.

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course can be completed in one year of part-time study. This time can be reduced if additional subjects are studied in the January to $March\,semester.\,The\,program\,is\,structured\,for\,weekend\,and\,distance$ mode attendance

Course structure

Students complete 24 credit points of study.

Course completion requirements

Select 24 credit points from the following options:			
49001	Judgment and Decision Making	6ср	_
49002	Managing Projects	6ср	
49003	Economic Evaluation	6ср	
49309	Quality Planning and Analysis	6ср	
49069	Leadership and Responsibility	6ср	
49098	Engineering Financial Control	6ср	
		Total 2	24cp

Articulation with UTS courses

All the subjects in this course are taken from the Master of Engineering Management (C04085) (see page 309) (MEM) and may be credited towards the MEM on successful admission to that program.

Other information

Further information is available from:

Francine Ngai

Hong Kong Management Association telephone +852 2774 8578 / 8586

or

Xenia Wong

telephone +852 2774 8565

fax +852 2365 1000

16/F Tower B, Southmark

11 Yip Hing Street, Wong Chuk Hang

Hong Kong

email uts@hkma.org.hk

www.hkma.org.hk

C11058v4 Graduate Certificate in Journalism

Award(s): Graduate Certificate in Journalism (GradCertJournalism) UAC code: 942502 (Autumn semester), 945502 (Spring semester)

CRICOS code: 017901A

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Note(s)

This course is not offered to international students.

Overview

The Graduate Certificate in Journalism is part of an articulated program of study for people who want to start a journalism career, and for experienced journalists wanting to broaden their skills and professional technological expertise and refresh the intellectual basis of their practice.

This is the only program of its kind in Sydney, where the Australian media is increasingly concentrating. The journalism staff at UTS has a record of excellence in professional practice reflected in media contacts. In addition, the course has close links with the Australian Centre for Independent Journalism, which provides a professional setting for student work.

Course aims

Graduates of the program:

- have strong research and reporting skills
- have a knowledge and critical understanding of the media
- are equipped with the necessary skills to either enter professional practice in the media or continue with additional skills and intellectual depth
- strive to promote the important role of professional and ethical journalism in the service of the public, and
- have an understanding of the role of the media in local, regional, national and global contexts.

Career options

Career options include reporter or editor in local, corporate, national or international print or broadcast media organisations.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who have completed a bachelor's, graduate diploma or master's in any field of study or a graduate certificate in a related field of study can apply. Applicants who do not possess the relevant qualification must submit a CV and personal statement outlining their educational and professional achievements.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course is offered on a one-year, part-time basis.

Course structure

Students complete a total of 24 credit points, comprising one 8-creditpoint core subject, plus two 8-credit-point electives from the specified list of options.

The core subject must be undertaken in the first semester. Students may complete an elective in their first semester of study in addition to the core subject if they meet prerequisite requirements.

Part-time students should undertake 8 or 16 credit points a semester.

Course completion requirements

STM90817 Core subjects (Journalism) CBK90896 Elective subjects GC Journalism

8cp 16cp

Total 24cp

Course program

The example part-time program shown below is for Autumncommencing students. Students commencing in Spring semester undertake the same sequence of subjects.

Autumn commencing, part time

Year 1

Δı	ıtı	ım	n	se	m	۵۵	tΔ	r
Αl	JU	JIII	11	56		25	ιe	

57011	Research and Reporting for Journalism	8cp
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Spring semester					
Select 16		16cp			
57161	Investigative Journalism	8ср	-		
57012	Regulation of the Media	8cp			
57013	Journalism Studies	8cp			
57014	Feature Writing	8cp			
57021	Journalism Internship	8cp			
57138	International and Comparative				
	Journalism	8ср			
57150	Editing and Design	8cp			
57151	Storytelling with Sound and Image	8cp			
57152	Investigative Research in the Digital	_			
	Environment	8ср			
57155	Online Journalism	8cp			
57156	Radio Journalism	8cp			
57158	Television and Video Journalism	8cp			
57166	Documentary Production	8cp			
57184	Documentary: Expanded, Mobile and				
	Networked	8ср			
57187	Specialist Journalism	8cp			

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Journalism, the Graduate Diploma in Journalism (C06037) (see page 388) and the Master of Arts in Journalism (C04106) (see page 323). Students who successfully complete this course and who are admitted to the graduate diploma or master's course are eligible for credit recognition for completed subjects.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C11066v5 Graduate Certificate in Screenwriting

Award(s): Graduate Certificate in Screenwriting (GradCertScrWrt)

UAC code: 942507 (Autumn semester) Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Note(s)

This course is not offered to international students.

Overview

The Graduate Certificate in Screenwriting is part of an articulated program designed to meet a range of needs for people who want to start a career in writing, and for experienced writers wanting to further develop their theoretical knowledge and skills.

Course aims

Students in this course:

- develop general and specific skills in screenwriting
- have the opportunity to develop their screenwriting skills
- develop some critical knowledge of cultural and aesthetic debates
- advance an ability to develop and critically revise their own
- develop an awareness of the place of writing within contemporary cultural formations.

Career options

Career options include scriptwriter for short- and long-form drama.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who have completed a bachelor's, graduate diploma or master's in any field of study or a graduate certificate in a related field of study can apply. Applicants who do not possess the relevant qualification must submit a CV and personal statement outlining their educational and professional achievements.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course is offered on a one-year, part-time basis. Students must commence in Autumn semester.

Course structure

The course totals 24 credit points of study, consisting of three core subjects. The core subject, Writing for the Screen, must be undertaken in the first semester of study.

Part-time students should undertake 8 or 16 credit points a semester.

Course completion requirements

STM90814	Core subjects (Screenwriting)	16cp
CBK90894	Electives (Screenwriting)	8cp
	5	Total 24cp

Course program

The typical course program is shown below.

Autumn commencing, part time

Year 1

Autumn	semester

57142 Writing for the Screen			8cp
Spring ser	mester		
57101	Advanced Screenwriting		8cp
Select 8 cr	edit points from the following options:		8ср
57041	Narrative Writing	8cp	
57154	Writing Television Drama	8cp	
57989	Mise-en-Scene	8cp	
57178	Digital and Multiplatform Storytelling	8cp	

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Screenwriting, the Graduate Certificate in Editing and Publishing (C11071) (see page 437), the Graduate Diploma in Creative Writing (C06041) (see page 389) and the Master of Arts in Creative Writing (C04109) (see page 324). Students who successfully complete this course and who are admitted to the graduate diploma or master's course are eligible for credit recognition for completed subjects. To be eligible to articulate into the Master of Arts in Creative Writing (C04109) (see page 324), students must complete at least two postgraduate writing subjects with a distinction grade or higher.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C11071v3 Graduate Certificate in **Editing and Publishing**

Award(s): Graduate Certificate in Editing and Publishing

(GradCertEditPubl)

UAC code: 942515 (Autumn semester), 945515 (Spring semester)

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Note(s)

This course is not offered to international students.

Overview

The Graduate Certificate in Editing and Publishing is part of an articulated program designed to meet a range of needs for people who want to start a career in writing and for experienced writers wanting to further develop their theoretical knowledge and skills.

Graduates are able to develop and critically revise their own and others' work and are aware of the place of writing within contemporary cultural formation. They have general skills in creative writing in fiction or non-fiction and a critical knowledge of cultural and aesthetic debates. Students also develop specific industry-based skills in book editing and publishing.

Career options

Career options include editor, publisher and writer.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who have completed a bachelor's, graduate diploma or master's in any field of study or a graduate certificate in a related field of study can apply. Applicants who do not possess the relevant qualification must submit a CV and personal statement outlining their educational and professional achievements.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course is offered on a one-year, part-time basis.

Course structure

This course totals 24 credit points, consisting of two 8-credit-point core subjects and one 8-credit-point subject from a specified list.

Part-time students should undertake 8 or 16 credit points a semester.

Course completion requirements

CBK90260 Writing subjects	8cp
STM90813 Core subjects (Editing and Publishing)	16cp
, , ,	Total 24cp

Course program

Typical course programs are shown below.

Autumn commencing, part time

Year 1

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57046	Professional Editing	8cp
Spring s	emester	
57053	Book Publishing and Marketing	8ср
Select 8	credit points from the following options:	8cp

57031 Non-fiction Writing 8cp 57041 Narrative Writing 8cp 57145 Freelance Writing 8cp

Spring commencing, part time

Year 1

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_	P1 1119	SCIIICSTCI

57053	Book Publishing and Marketing		8cp
Select 0 cre	dit points from the following options:		0ср
57031	Non-fiction Writing	8ср	-
57041	Narrative Writing	8cp	
57145	Freelance Writing	8cp	

Year 2

Autumn semester

57046	Professional Editing	8c ₁
Select 8 cr	edit points of options	8c ₁

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Screenwriting (C11066) (see page 436), the Graduate Certificate in Editing and Publishing, the Graduate Diploma in Creative Writing (C06041) (see page 389) and the Master of Arts in Creative Writing (C04109) (see page 324). Students who successfully complete this course and who are admitted to the graduate diploma or master's course are eligible for credit recognition for completed subjects. To be eligible to articulate into the Master of Arts in Creative Writing (C04109) (see page 324), students must complete at least two postgraduate writing subjects with a distinction grade or higher.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C11106v3 Graduate Certificate in Mental Health Nursing

Award(s): Graduate Certificate in Mental Health Nursing (GradCertN) UAC code: 942835 (Autumn semester)

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5

Location: Kuring-gai campus

Note(s)

This course is not offered to international students.

Overview

This course is designed to provide registered nurses with the knowledge, expertise and competencies for advanced practice in mental health nursing.

Registered nurses wanting to develop and extend their knowledge of mental health nursing practice find this course an effective means of professional and personal development.

Course aims

The course is designed to prepare mental health nurses who:

- have the knowledge, skills and understandings to practise safely and competently in a variety of mental health care settings
- demonstrate an understanding of the experience of the consumer and the ability to work in collaboration with consumers in their
- have the capacity to work effectively as members of a multidisciplinary team
- critically examine and appraise their own practice and develop and modify their approaches as necessary
- actively contribute to the professional development of others
- value research processes in their day-to-day practice
- are committed to the development of the discipline of mental health nursing.

Career options

Career options include positions in mental health nursing.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants must hold current registration as a nurse in Australia. Registered nurses who do not have an undergraduate diploma or degree but do have recent relevant work experience and can demonstrate the capacity to undertake tertiary study may also be considered eligible.

Applicants must have concurrent employment in, or access to, the area of study and one year of post-registration clinical experience.

Students' current nursing registration will be confirmed via the National Register of Practitioners at:

www.ahpra.gov.au/Registration/Registers-of-Practitioners.aspx

Students should ensure that details of their registration are up-to-date on this register.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Credit recognition

Students who successfully complete a university-approved mental health transition program are eligible to apply for exemption from 92869 Specialty Clinical Practice.

Course duration and attendance

The course is offered on a one-year, part-time basis.

Subjects are offered via on-campus study days and online learning. Part-time study is usually undertaken at a rate of two subjects a semester. The normal attendance is four or five days on campus spread over the semester.

Course structure

Students must complete a total of 24 credit points, comprising four specified subjects.

Course completion requirements

92604	Mental Health Assessment	6ср
92869	Specialty Clinical Practice	6ср
92876	Therapeutic Interventions in Mental Health Care	6ср
92605	Therapeutic Interventions in Mental Health	-
	Care 2	6ср
	Total	24cp

Articulation with UTS courses

This course articulates with the Graduate Diploma in Nursing (C07044) (see page 408) and the Master of Nursing (C04228) (see page 344).

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au www.health.uts.edu.au

C11107v7 Graduate Certificate in Health Services Management

Award(s): Graduate Certificate in Health Services Management (GradCertHSM)

UAC code: 942820 (Autumn semester), 945820 (Spring semester)

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Note(s)

This course offers a mid-year intake for local students.

This course is not offered to international students.

Overview

This course is an introduction to health services management and aims to expand students' knowledge and future career opportunities. The program develops students' knowledge and skills, which leads to an enhanced capacity to manage health services.

Graduates of this course are exposed to academic and industry leaders who share their experience and knowledge to facilitate insight into the contemporary health service management environment.

Course aims

This course is designed to prepare new, aspiring and middle health managers for roles in health services management in a variety of settings.

Career options

Career options include positions in health authorities, hospitals, primary and community care, aged care services, and other healthcare facilities in the public, private, not-for-profit, government and non-government health sectors.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who do not have an undergraduate degree but who have extensive relevant work experience in a health or human services field may also be considered eligible.

Applicants must have at least a minimum of one year, full-time (or part-time equivalent) experience in a medium to large organisation. Health or human services experience is preferred. Work experience undertaken in small work settings (e.g. private practice settings with a small number of professionals) or as part of intern requirements are not accepted.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course is offered on a one-year, part-time basis.

Subjects are offered via on-campus study. Part-time students usually study two subjects a semester.

Course structure

Students must complete a total of 24 credit points, selecting four of the six subjects offered by UTS: Health.

Course completion requirements

Select 24 c	redit points from the following options:		24cp
92050	Policy, Power and Politics in Health Care	6ср	-
92296	Epidemiology and Population Health	6ср	
92603	Managing Quality, Risk and Cost in	•	
	Health Care	6ср	
92606	Issues in Australian Health Services	6ср	
92887	Organisational Management in Health Care	6ср	
92917	Using Health Care Data for Decision	•	
	Making	6ср	
		Total	1 24cp

Course program

The recommended program of study is shown below.

Year 1

92917

Autumn semester

92606	Issues in Australian Health Services	6cp
Spring se	mester	
21720	Human Resource Management	6ср
92887	Organisational Management in Health Care	6cp

Using Health Care Data for Decision Making

Articulation with UTS courses

This course is part of an articulated program which comprises the Graduate Certificate in Health Services Management, the Graduate Diploma in Health Services Management (C07048) (see page 409), and the Master of Health Services Management (C11107) (see page 326).

Professional recognition

Australasian College of Health Service Management (ACHSM)

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Dr Jennifer Bichel-Findlay

Course coordinator

email Jennifer.Bichel-Findlay@uts.edu.au

www.health.uts.edu.au

C11109v8 Graduate Certificate in Clinical Management

Award(s): Graduate Certificate in Clinical Management (GradCertCM) UAC code: 942840 (Autumn semester), 945840 (Spring semester) Commonwealth-supported place?: No

Load credit points: 24

Course EFTSL: 0.5 Location: City campus

Note(s)

This course is not offered to international students.

Overview

This course is designed for health professionals aspiring to management positions which involves the management of clinical services, as well as for those already holding such positions who wish to enhance their professional practice through formal study.

Course aims

The broad aims of the course are for students to develop capabilities in the management of clinical services so that they are able to:

- understand the Australian health care environment
- explore and analyse the effects of changes in health care on their work role and environment
- provide leadership to staff providing quality care
- enhance their interpersonal and organisational skills
- enhance interpersonal and organisational skills
- more effectively manage information and resources
- promote an effective organisational culture.

Career options

Career options include management positions in hospitals, aged care, rehabilitation and primary care. The enhanced interpersonal and organisational skills graduates acquire in this course enable graduates to effectively manage a unit or division providing direct clinical services and lead it to provide quality care.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

This evidence may include extensive relevant work experience in a health care profession.

Applicants must have at least one year's full-time equivalent experience in a medium to large organisation. Work experience undertaken in small work settings (e.g. private practice settings with a small number of professionals) or as part of intern requirements are not accepted.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Applications

6cp

Course duration and attendance

The course is offered on a one-year, part-time basis.

Subjects are offered via on-campus study days and online learning. Part-time students usually study two subjects a semester.

Course structure

Students must complete a total of 24 credit points of study, comprising four specified nursing subjects.

Course completion requirements

STM90757 Clinical Management

24cp Total 24cp

Articulation with UTS courses

This course articulates with the Graduate Diploma in Nursing (C07044) (see page 408) and the Master of Nursing (C04228) (see page 344) (for registered nurses only).

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.health.uts.edu.au

C11115v4 Graduate Certificate in Diabetes Education and Management

Award(s): Graduate Certificate in Diabetes Education and Management [GradCertDiabEdM]

UAC code: 942845 (Autumn semester), 942890 (distance) (Autumn semester)

CRICOS code: 037128A

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Note(s)

This course is not offered to international students.

Overview

This course is offered in conjunction with UTS: Education. It develops appropriately qualified students for work as health professionals in the area of diabetes education and management.

Students have strong involvement with academics and clinicians from major teaching hospitals, diabetes centres and Diabetes Australia-NSW or Diabetes Australia-Queensland.

Career options

Career options include diabetes educators and managers in a variety of settings.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Previous qualifications must be in a health-related field such as nursing, allied health or medicine.

Applicants must also have at least one year's full-time professional employment in their health-related discipline, part of which has been in a diabetes-related clinical area. It is assumed that applicants have a basic knowledge of the practice of diabetes education and management. Applicants must also have access to a relevant clinical setting in order to complete supervised clinical experience (applicants need to organise their own placement).

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course is offered on a one-year, part-time basis. It is studied through four distance education subjects, which include two residential workshops in either Sydney or Brisbane.

Course structure

Students must complete a total of 24 credit points of study, comprising three specified UTS: Health subjects and one specified UTS: Education subject.

Course completion requirements

92934	Clinical Management of Diabetes	6ср
92845	Primary Health Care	6ср
015356	Learning in Diabetes Education	6ср
93006	Clinical Practice (Diabetes)	6ср
		Total 24cp

Professional recognition

Upon completion of the course, Registered Nurses Div 1 RNs (Vic), Authorised Practising Dieticians, Registered Medical Practitioners, Registered Pharmacists (AACP), (SHPA), Registered Podiatrists and Registered Exercise Physiologists can gain Credentialed Diabetes Educator status authorised by the Australian Diabetes Educators Association (ADEA).

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au www.health.uts.edu.au

C11116v5 Graduate Certificate in Perioperative Nursing

Award(s): Graduate Certificate in Perioperative Nursing (GradCertN)

UAC code: 942850 (Autumn semester) Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: Kuring-gai campus

Note(s)

This course is not offered to international students.

Overview

This course prepares registered nurses to function as perioperative nurses in various health care settings.

Course aims

The course is designed to encourage the development of a perioperative nurse who is able to provide holistic, patient-centred care in a collaborative manner during anaesthesia, surgery and recovery. It promotes a deep understanding of complex perioperative issues as they relate to patient outcomes within a global context.

Career options

Career options include specialty perioperative nursing in day surgery settings, perioperative suites/units and endoscopy suites.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants must hold current registration as a nurse in Australia. Registered nurses who do not have an undergraduate diploma or degree but do have recent relevant work experience may also be considered eligible.

Applicants must have concurrent employment in, or access to, the area of study and one year of post-registration clinical experience.

Students' current nursing registration will be confirmed via the National Register of Practitioners at:

www.ahpra.gov.au/Registration/Registers-of-Practitioners.aspx

Students should ensure that details of their registration are up-to-date on this register.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course is offered on a one-year, part-time basis.

Subjects are offered via on-campus study days and online learning. Part-time study is usually undertaken at a rate of two subjects a semester. The normal attendance per subject is four full days spread over the semester.

Course structure

Students are required to complete a total of 24 credit points of study, comprising three specified nursing subjects and one nursing elective (92713 Health Breakdown elective is recommended as this subject can be used to articulate/progress into Graduate Diploma or Master of Nursing).

There are structured work-based learning opportunities for employees of Northern Sydney Local Health District (NSLHD), Sydney Local Health District (SLHD) and North Shore Private Hospital. These students may undertake a Clinical Accreditation Program (CAP) with these organisations. This is at no cost to participants. Students who successfully complete a CAP are awarded exemption from Specialty Clinical Practice. If students change their sub-major they may need to redo a CAP related to the new sub-major or complete subject Specialty Practice.

Course completion requirements

Select one of the following:		6ср
92869 Specialty Clinical Practice	6ср	_
STM90489 Clinical Accreditation Program (SLHD)	6ср	
STM90490 Clinical Accreditation Program (NSLHD)	6ср	
92881 Foundations of Perioperative Nursing	-	6ср
92882 Techniques in Perioperative Nursing		6cp
Select one of the following:		6ср
92713 Health Breakdown	6ср	
CBK90056 Nursing subjects (PG)	6ср	
<u>-</u> ,	Total	24cp

Articulation with UTS courses

This course articulates with the Graduate Diploma in Nursing (C07044) (see page 408) and the Master of Nursing (C04228) (see page 344).

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Marika Jenkins

Course coordinator

telephone +61 2 9514 5760

email Marika. Jenkins@uts.edu.au

www.health.uts.edu.au

C11117v5 Graduate Certificate in Anaesthetics and Recovery Room Nursing

Award(s): Graduate Certificate in Anaesthetics and Recovery Room Nursing (GradCertN)

UAC code: 942858 (Autumn semester) Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5

Location: Kuring-gai campus

Note(s)

This course is available for new admissions every second year. The next intake is in 2013.

This course is not offered to international students.

Overview

This course prepares registered nurses to function in anaesthetic nurse sedationist and recovery room nursing roles in various health care settings.

Course aims

The course promotes a deep understanding of complex anaesthetics and postanaesthesia recovery room unit issues as they relate to patient outcomes. It is designed to encourage the development of an anaesthetics and postanaesthesia recovery room nurse who is able to provide holistic, patient-centred care during anaesthesia and recovery from surgical and procedural interventions, and in a range of traditional and non-traditional settings.

Career options

Career options include specialty anaesthetics and recovery room nursing, and nurse sedationist roles in perioperative settings, endoscopy and day surgery units and other interventional / procedural settings.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants must hold current registration as a nurse in Australia. Registered nurses who do not have an undergraduate diploma or degree but do have recent relevant work experience may also be considered eligible.

Applicants must have concurrent employment in, or access to, the area of study and one year of post-registration clinical experience.

Students' current nursing registration will be confirmed via the National Register of Practitioners at:

www.ahpra.gov.au/Registration/Registers-of-Practitioners.aspx

Students should ensure that details of their registration are up-to-date on this register.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course is offered on a one-year, part-time basis.

Subjects are offered via on-campus study days (a three-day workshop each semester) and online learning. Part-time study is usually undertaken at a rate of two subjects a semester.

Course structure

Students must complete a total of 24 credit points, comprising three specified nursing subjects and one nursing elective (92713 Health Breakdown is recommended as this subject can be used to articulate/progress into the Graduate Diploma or Master of Nursing).

There are structured work-based learning opportunities for employees of Northern Sydney Local Health District (NSLHD) and North Shore Private Hospital. These students may undertake a Clinical

Accreditation Program (CAP) with these organisations. This is at no cost to participants. Students who successfully complete a CAP are awarded exemption from subject Specialty Clinical Practice. If students change their sub-major they may need to redo a CAP related to the new sub-major or do subject Specialty Clinical Practice.

Course completion requirements

92905	Dimensions of Anaesthesia Nursing		6ср
92760	Fundamentals of Postanaesthesia Recovery		
	Nursing		6ср
Select on	e of the following:		6ср
9286	69 Specialty Clinical Practice	6ср	_
STN	190490 Clinical Accreditation Program (NSLHD)	6ср	
Select on	e of the following:		6ср
9271	3 Health Breakdown	6ср	
CBk	(90056 Nursing subjects (PG)	6ср	
		Total	24cp

Articulation with UTS courses

This course articulates with the Graduate Diploma in Nursing (C07044) (see page 408) and the Master of Nursing (C04228) (see page 344).

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Marika Jenkins

Course coordinator

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C11118v3 Graduate Certificate in Critical Care Nursing

Award(s): Graduate Certificate in Critical Care Nursing (GradCertN) UAC code: 942855 (Autumn semester), 945855 (Spring semester) Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5

Location: Kuring-gai campus

Note(s)

This course is not offered to international students.

Overview

This course prepares registered nurses to function as critical care nurses in various health care settings.

Students develop the specialised skills and knowledge to become critical care nurses and to recognise and support the unique characteristics of the critical care patient population.

Course aims

The course is designed to provide the necessary knowledge, skills and understanding to enable registered nurses to:

- practise safely and competently in the specialty of critical care nursing
- synthesise specialty knowledge, skills and expertise in order to enhance the quality of care for patients and their families
- make appropriate clinical judgments in relation to care of critically ill people
- critically evaluate their practice and incorporate research findings and technologies when appropriate
- develop the ability to actively contribute to the professional development of others
- appropriately counsel and support patients and their families as they deal with their health and lifestyle adjustments
- use research in order to make informed decisions about nursing practice.

Career options

Career options include specialty critical care nursing.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants must hold current registration as a nurse in Australia. Registered nurses who do not have an undergraduate diploma or degree but do have recent relevant work experience may also be considered eligible.

Applicants must have concurrent employment in, or access to, the area of study and one year of post-registration clinical experience.

Students' current nursing registration will be confirmed via the National Register of Practitioners at:

www.ahpra.gov.au/Registration/Registers-of-Practitioners.aspx Students should ensure that details of their registration are up-todate on this register.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course is offered on a one-year, part-time basis.

Subjects are offered via on-campus study days and supported by online learning. Part-time study is usually undertaken at a rate of two subjects a semester. The normal attendance per subject is four full days on campus spread over the semester.

Course structure

Students must complete a total of 24 credit points of study, comprising four specified nursing subjects.

There are structured work-based learning opportunities for students who are employees of Northern Sydney Local Health District (NSLHD - Royal North Shore Hospital, Ryde Hospital, Hornsby Kuring-gai Hospital, Manly Hospital, Mona Vale Hospital), Sydney Local Health District (SLHD - Royal Prince Alfred Hospital), Concord Hospital), Westmead Private Hospital or North Shore Private Hospital. These students may undertake a Clinical Accreditation Program (CAP) with these organisations. This is at no cost to participants. Students who successfully complete a CAP are awarded exemption from subject Specialty Clinical Practice. If students change their sub-major they may need to redo a CAP related to the new sub-major or do subject Specialty Practice.

Course completion requirements

92919 92918 92713	Complex Critical Care Fundamentals of Critical Care Nursing Health Breakdown		6cp 6cp 6cp
Select on	e of the following:		6ср
9286		6ср	_
STM	190489 Clinical Accreditation Program (SLHD)	6ср	
STM	190490 Clinical Accreditation Program (NSLHD)	6ср	
		Total 2	24cp

Articulation with UTS courses

This course articulates with the Graduate Diploma in Nursing (C07044) (see page 408) and the Master of Nursing (C04228) (see page 344).

Other information

Further information is available from: UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au www.health.uts.edu.au

C11119v3 Graduate Certificate in Neuroscience Nursing

Award(s): Graduate Certificate in Neuroscience Nursing (GradCertN)

UAC code: 942860 (Autumn semester) Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5

Location: Kuring-gai campus

Note(s)

This course is available for new admissions every second year. The next intake is in 2014.

This course is not offered to international students.

Overview

This course prepares registered nurses to become neuroscience nurses in various health care settings.

Students develop specialised skills and knowledge needed to become neuroscience nurses and learn to recognise and support the unique characteristics of the neuroscience patient population.

Course aims

The course is designed to impart the necessary knowledge, skills and understanding to enable registered nurses to:

- practise safely and competently in the specialty of neuroscience nursing
- synthesise specialty knowledge, skills and expertise in order to enhance the quality of care for patients and their families
- make appropriate clinical judgments in relation to the care of people with neurological problems
- critically evaluate their practice to enhance professional practice
- develop the ability to actively contribute to the professional development of others
- appropriately counsel and support patients and their families as they deal with their health and lifestyle adjustments
- use research in order to make informed decisions about nursing practice.

Career options

Career options include specialty neuroscience nursing.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants must hold current registration as a nurse in Australia. Registered nurses who do not have an undergraduate diploma or degree but do have recent relevant work experience and can demonstrate the capacity to undertake tertiary study may also be considered eligible.

Applicants must have concurrent employment in, or access to, the area of study and one year of post-registration clinical experience.

Students' current nursing registration will be confirmed via the National Register of Practitioners at:

www.ahpra.gov.au/Registration/Registers-of-Practitioners.aspx

Students should ensure that details of their registration are up-to-date on this register.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course is offered on a one-year, part-time basis.

Subjects are offered via on-campus study days and online learning. Part-time study is usually undertaken at a rate of two subjects a semester. The normal attendance per subject is four full days spread over the semester.

Course structure

Students must complete a total of 24 credit points, comprising four specified nursing subjects.

There are structured work-based learning opportunities for students who are employees of Northern Sydney Local Health District (NSLHD). These students may undertake a Clinical Accreditation Program (CAP) with NSLHD. This is at no cost to participants. Students who successfully complete a CAP are awarded exemption from subject Specialty Clinical Practice. If students change their submajor they may need to redo a CAP related to the new sub-major or do subject Specialty Practice.

Course completion requirements

92713	Health Breakdown	6ср
Select one	e of the following:	6ср
9286	9 Specialty Clinical Practice	6ср
STM	190490 Clinical Accreditation Program (NSLHD)	6ср
92920	Neuroscience: Trauma and Cerebrovascular	6ср
92921	Neuroscience: Degenerative and Oncological	6cp
		Total 24cp

Articulation with UTS courses

This course articulates with the Graduate Diploma in Nursing (C07044) (see page 408) and the Master of Nursing (C04228) (see page 344).

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.health.uts.edu.au

C11125v3 Graduate Certificate in Dispute Resolution

Award(s): Graduate Certificate in Dispute Resolution (GradCertDispRes) UAC code: 942403 (Autumn semester), 945403 (Spring semester)

CRICOS code: 032360M

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Overview

The Graduate Certificate in Dispute Resolution, a first in Australia, focuses on the wide range of non-adversarial dispute resolution processes. A comprehensive range of subjects is available accommodating distinct streams such as commerce, family, community and court-annexed programs.

Dispute resolution at UTS focuses on experiential learning involving a fusion of critical and reflective thinking paradigms with the application of theory in practical, work-based contexts.

The mixture of experience-based learning and formal lectures by professional practitioners give students a hands-on understanding of the full range of dispute resolution processes from negotiation, through the consensual processes, to decisional theory.

Career options

Career options include arbitrator, managers, negotiator and professionals in a wide range of areas such as health and education, government and industrial relations.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who provide evidence of equivalent work experience are also considered.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course can be completed in a minimum of one semester of fulltime or one year of part-time study. The core introductory subject is offered in intensive block mode over several days of attendance at the beginning of semester. The options are taught in intensive block mode over several full days of lectures, workshops and seminars.

Course structure

The course requires completion of a core introductory subject (6 credit points) plus a further three subjects (18 credit points).

Subjects are regularly timetabled but not all subjects listed are offered in any one semester. Timetabled subjects are offered subject to sufficient student interest. The current timetable can be found at: http://timetable.uts.edu.au

Course completion requirements

i equil ciliciles		
ıtion		6ср
n the following options:		18cp
diation	6ср	-
rbitration (Domestic)	6ср	
tion	6ср	
ıtion in Commerce	6ср	
e Resolution	6ср	
Commercial Arbitration	6ср	
	6ср	
r	6ср	
pute Resolution	6ср	
Commercial Dispute		
	6ср	
d Dispute Resolution	6ср	
ctice	6ср	
ıtion in Civil Practice	6ср	
	6ср	
	Total	24cp
	n the following options: liation rbitration (Domestic) tion ution in Commerce e Resolution commercial Arbitration r pute Resolution commercial Dispute d Dispute Resolution ctice	ntion In the following options: Iliation 6cp ribitration (Domestic) 6cp tion 6cp Ition in Commerce 6cp Resolution 6cp Commercial Arbitration 6cp rute Resolution 6cp Tommercial Dispute d Dispute Resolution 6cp ctice 6cp tion 6cp

Articulation with UTS courses

Graduate certificate candidates may internally transfer to the Master of Dispute Resolution (C04145) (see page 329). Candidates are not awarded the graduate certificate, rather subjects undertaken within the graduate certificate are credited towards the master's.

Other information

Further information for future students is available from:

telephone +61 2 9514 3660

email law@uts.edu.au

Further information for current students is available from:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C11128v3 Graduate Certificate in Legal Practice

Award(s): Graduate Certificate in Legal Practice (GradCertLegP) Commonwealth-supported place?: Yes Load credit points: 12 Course EFTSL: 0.25

Note(s)

Location: City campus

This course is only available to students who are currently enrolled in the UTS Bachelor of Laws (C10124) (see page 179) (or combined) degree and who commenced their degree before 2008.

Overview

The Graduate Certificate in Legal Practice allows students concurrently enrolled in the Bachelor of Laws (C10124) (see page 179) (or combined) degree to complete the practical legal training (PLT) requirements necessary for admission by the Supreme Court of NSW to practise as a lawyer. Admission is based upon the successful completion of an undergraduate law degree (or similar qualification) and an accredited course of PLT. The UTS PLT program is accredited by the Legal Profession Admission Board of the Supreme Court of NSW.

Career options

Career options include lawyer, provided graduates have fulfilled all other academic requirements.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants must be concurrently enrolled in the UTS Bachelor of Laws (C10124) (see page 179) (or combined) degree and must have commenced that degree before 2008.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course can be completed in one semester of full-time or one year of part-time study, plus 16 weeks of full-time (or equivalent part-time) approved practical experience. Subjects may also be available in Summer session, allowing accelerated progression.

Further information regarding completion requirements is available from the practical experience guidelines and rules at:

www.law.uts.edu.au/practical/experience/rules

Students who elect to study by distance are required to attend two on-campus intensive block classes. Both block classes take place towards the end of semester.

The PLT subjects are more demanding in terms of attendance than regular law subjects and involve interactive activities such as practice courts, simulated practice transactions and skills exercises.

Course structure

Students complete 12 credit points of compulsory subjects, plus 16 weeks of full-time (or equivalent part-time) practical experience. Students must be concurrently enrolled in an additional 24 credit points of PLT subjects within the UTS Bachelor of Laws (or combined) degree.

Industrial training/professional practice

A practical experience work placement is a compulsory and integral component of the course. Practical experience requires students to complete 16 weeks of full-time (or equivalent part-time) practical experience work placement. Students must complete their practical experience work placement within five semesters of enrolling in 75411 Practical Experience. Further information about the practical experience component of the course can be found at:

www.law.uts.edu.au/practical

Course completion requirements

75412	Legal Skills	6ср
75413	Advocacy	6cp
75411	Practical Experience	0cp
	•	Total 12cp

Course program

The standard program of study for students undertaking the graduate certificate on a part-time attendance basis is presented below. Students undertaking the PLT program on a full-time attendance basis attempt all subjects in one semester.

All subjects are timetabled each semester. The current timetable can be found at:

http://timetable.uts.edu.au

Part time, Autumn commencing

Year 1

Autumn se	emester	
75412	Legal Skills	

_			
Sn	rina	sem	ester

opining semicater			
75411	Practical Experience	0ср	
75413	Advocacy	6ср	

6ср

Part time, Spring commencing

Year 1

Spring semester

75412	Legal Skills	6ср
75413	Advocacy	6ср

Year 2

Autumn semester

75411	Practical Experience	0ср
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Professional recognition

This course satisfies the requirements for admission as a lawyer to the Supreme Court of NSW, provided students also complete the UTS Bachelor of Laws (C10124) (see page 179) degree (with optional PLT component).

Other information

Further information for future students is available from:

telephone +61 2 9514 3660

email law@uts.edu.au

Further information for current students is available from:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C11129v4 Graduate Certificate in International Law

Award(s): Graduate Certificate in International Law (GradCertLaw) UAC code: 942405 (Autumn semester), 945405 (Spring semester)

CRICOS code: 032350B

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Overview

The Graduate Certificate in International Law allows lawyers and other professionals to extend their knowledge and gain expertise in the expanding and dynamic area of international law.

Course aims

The course identifies a range of topics that underpin current and ongoing areas of study in international law, namely:

- multilateral liberalisation of trade in goods and services: GATT 1994, GATS and WTO
- the role of regional trading blocs: NAFTA, ASEAN, EU, CER, MERCOUSOR
- exceptions to liberalisation agriculture, textiles and clothing, sanitary and phyto-sanitary measures, and music and film
- anti-dumping and countervailing duties in a global economy
- foreign investment and the multilateral investment agreement
- regulation of financial markets: the Asian experience
- international commercial arbitration
- · dispute resolution and the WTO
- intellectual property and trade: TRIPS.

Career options

Career options include lawyer, or adviser to government or business specialising in international law issues, working within an international NGO, the United Nations or in organisations dedicated to development, lobbyist, activist, and public interest researcher.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who provide evidence of equivalent work experience are also considered.

Admission is at the discretion of the associate dean (teaching and learning).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course can be completed in a minimum of one semester of fulltime or one year of part-time study.

Course structure

Two streams are available within the course:

- Students who hold an undergraduate legal qualification must complete four option subjects (24 credit points).
- Students who hold an undergraduate degree in a discipline other than law must complete one core introductory subject (6 credit points) followed by an additional three subjects (18 credit points).

Students who have completed an undergraduate legal qualification should contact the UTS Student Centre during enrolment if their study plan includes the Non-law graduate entrant stream (STM90113).

Subjects are regularly timetabled but not all subjects listed are offered in any one semester. Timetabled subjects are offered subject to sufficient student interest. The current timetable can be found at: http://timetable.uts.edu.au

Course completion requirements

Select one of the following: STM90113 Non-law graduate entrant stream STM90112 Law graduate entrant stream

24cp 24cp 24cp Total 24cp

Course diagram Law graduate entrants

Graduate Certificate in International Law

4 x 6-credit-point options
Total 24 credit points

Non-law graduate entrants

Core subject

1 x 6-credit-point subject
Total 6 credit points

Graduate Certificate in
International Law

3 x 6-credit-point options
Total 18 credit points

Articulation with UTS courses

Subjects undertaken within the Graduate Certificate in International Law are recognised within the Master of International Law (C04149) (see page 331). Students enrolled in the graduate certificate may apply to internally transfer to the master's. Successful candidates are not awarded the graduate certificate but subjects undertaken within the graduate certificate are applied towards the master's.

Other information

Further information for future students is available from:

telephone +61 2 9514 3660

email law@uts.edu.au

Further information for current students is available from:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C11130v4 Graduate Certificate in Trade Mark Law and Practice

Award(s): Graduate Certificate in Trade Mark Law and Practice [GradCertTMLP]

UAC code: 942410 (distance) (Autumn semester), 945410 (distance) (Spring semester)

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: distance

Overview

UTS has established expertise and a reputation for providing courses relevant to the needs of the patent and trade marks professions. This course reflects the range of topics required for registration as a trade marks attorney in Australia under the relevant regulations.

This course provides graduates with an understanding of the principles of the registered trade mark system, the protection of unregistered marks and related forms of protection against misleading or unfair trading conduct in Australia.

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The unique feature of this course is that it may be undertaken entirely online, removing the need for students to attend face-to-face classes.

Career options

Graduates can seek registration as a trade marks attorney in Australia.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who have not gained the requisite tertiary qualifications may be provisionally admitted into the program if they can provide evidence of equivalent work experience. Such applicants should also contact the Professional Standards Board to clarify the full requirements for registration as a trade marks attorney.

Admission is at the discretion of the associate dean (teaching and learning).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

UTS may grant successful applicants advanced standing or exemption from one or more subjects, but the Professional Standards Board for Patent and Trade Marks Attorneys (PSB) has no authority to recognise, for the purpose of registration as a patent attorney or trade marks attorney, such exemptions. Students intending to seek registration need to seek exemption from the PSB. Further information is available from:

The Secretary

Professional Standards Board for Patent and Trade Marks Attorneys

PO Box 200

Woden ACT 2606

telephone +61 2 6283 2345

fax +61 2 6285 1048

email mail.psb@ipaustralia.gov.au

www.psb.gov.au

Exemptions are generally not granted for subjects not primarily directed to Australian law.

Applicants who have completed a recognised legal process type subject or a degree at an Australian law faculty and have completed an intellectual property subject which cover all major topics can claim an exemption from 77896 Legal Process and Intellectual Property Overview.

Course duration and attendance

The course can be completed in a minimum of one semester of fulltime or one year of part-time study (timetabling restrictions apply).

The subjects within this course are available online by distance learning and require no on-campus attendance. All lectures, tutorials, course materials and assessments are distributed by a combination of web-based technology and electronic media. Students conduct all communication with the lecturer by electronic means.

Course structure

The course requires completion of 24 credit points of core subjects. Subjects are timetabled annually, but not all subjects are offered every semester. The current timetable can be found at:

http://timetable.uts.edu.au

Course completion requirements

STM90743 Stream

24cp Total 24cp

Articulation with UTS courses

Graduate certificate candidates may apply to internally transfer to the Master of Intellectual Property (C04251) (see page 376). Successful candidates are not awarded the graduate certificate but subjects undertaken within the graduate certificate are applied towards the Master of Industrial Property.

Professional recognition

Subject to final board approval, the educational requirements for registration as a patent attorney and trade marks attorney in Australia with the Australian Government's Professional Standards Board for Patent and Trade Marks Attorneys can be fulfilled by completing this course.

Other information

Further information for future students is available from:

telephone +61 2 9514 3660

email law@uts.edu.au

Further information for current students is available from:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C11138v5 Graduate Certificate in Information Technology Management

Award(s): Graduate Certificate in Information Technology Management [GradCertInfTechM]

UAC code: 942614 (Autumn semester), 945614 (Spring semester)

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Note(s)

This course is not offered to international students.

Overview

This course focuses on the role of technology in the strategic leadership of organisations. It provides a well-balanced selection of subjects, drawn from advanced information technology and business domains, in an integrated program that is relevant to the current and future demands of the IT industry and business organisations.

IT professionals who have aspirations to senior IT roles and/or business leadership positions in organisations benefit from this course. Graduates are able to contribute constructively to the effective utilisation of information technology with respect to the strategic leadership of an organisation. IT managers who already have significant levels of experience are challenged by this course and gain new perspectives on the effective leadership of organisations in the digital era.

Course aims

The course aims to develop:

- the professional skills necessary for successfully undertaking strategic leadership roles in a variety of organisational contexts,
- a conceptual and analytical understanding of an organisation's needs in a dynamic and challenging global knowledge economy.

Career options

Graduates can be employed in the full range of organisations - private, public and community sector organisations. They can manage the IT function of such organisations and develop a career path that leads to a senior IT management role.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Previous qualifications must be in information technology or commerce and applicants must have a minimum of five years' professional work experience in the IT industry, plus some supervisory experience.

Alternatively, applicants require evidence of general and professional qualifications, such as other post-secondary school qualifications that can establish the applicant's aptitude, knowledge and practical experience, which will satisfy the Faculty Board in Engineering and Information Technology that the applicant possesses the educational preparation and capacity to pursue postgraduate studies, and a minimum of five years' professional work experience in the IT industry, plus some supervisory experience.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course is offered on a one-year, part-time basis.

Course structure

Students must complete 24 credit points of study, made up of three core subjects and one elective.

Course completion requirements

32553	Leadership and People Management	6ср
CBK90083	Electives	6ср
32005	Strategic Leadership for Innovation	6ср
32007	Strategic Information Technology Investment	6ср
	,	Total 24cp

Course program

A typical part-time program for students commencing in Autumn semester is shown below.

Year 1

Autumn semester

32553	Leadership and People Management	6ср
32007	Strategic Information Technology Investment	6ср
Spring ser	mester	
32005	Strategic Leadership for Innovation	6ср
Select 6 credit points of electives		6ср

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Information Technology Management, the Graduate Diploma in Information Technology Management (C06060) (see page 391), and the Master of Business in Information Technology Management (C04161) (see page 335).

Other information

Further information is available from:

Building 10 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C11142v6 Graduate Certificate in Information Technology

Award(s): Graduate Certificate in Information Technology (GradCertInfTech) UAC code: 942604 (Autumn semester), 945604 (Spring semester)

CRICOS code: 061398A

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Overview

This course offers two separate streams: one for those who have little or no knowledge of IT and one for IT professionals.

Stream 1 provides an introduction to information technology for those uncertain of their capabilities in the discipline, or those who wish to gain only a very basic knowledge of the area.

Stream 2 enables those with an IT or related degree to undertake a specialised sequence of subjects in an area not covered in their previous studies.

This course allows IT professionals to update their knowledge and skills in an essential area of IT to assist in career development. This course also provides a basic foundation for those wanting to enter the IT industry and gain basic skills in IT.

Career options

Career options include database developer, junior programmer/analyst or business analyst.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

For this course an equivalent degree can be from any discipline (as applicants for this program may apply as a non-IT graduate or an IT graduate).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

There are no exemptions granted in the Graduate Certificate in Information Technology.

Course duration and attendance

The course is offered on a one-semester, full-time or one-year, part-time basis.

Course structure

This course comprises 24 credit points of study.

- Stream 1: Students normally take four of the core subjects offered in the Graduate Diploma in Information Technology (C06058) (see page 390) but may, with the approval of the Director, Postgraduate Programs: IT, take up to two of the electives offered in the graduate diploma in place of core subjects.
- Stream 2: Subjects are normally taken from the list of elective subjects offered in the Graduate Diploma in Information Technology (C06058) (see page 390).

Course completion requirements

Select one of the following:	24cp
STM90695 Core subjects	24cp
CBK90802 Choice	24cp
	Total 24cp

Course program

An example course program is shown below.

Non-IT graduates

Year 1

Autumn semester

32555	Fundamentals of Software Development	6ср
32524	LANS and Routing	6ср
32557	Enabling Enterprise Information Systems	6ср
32606	Database	6cp

IT graduates

Year 1

Autumn semester

Select 24 credit points of electives 24cp

Articulation with UTS courses

This course is part of an articulated program of study comprising the Graduate Certificate in Information Technology, the Graduate Diploma in Information Technology (C06058) (see page 390), the Master of Information Technology (C04157) (see page 331) and the Master of Information Technology (Extended) (C04218) (see page 340).

Other information

Further information is available from: Building 10 Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

C11143v3 Graduate Certificate in Interactive Multimedia

Award(s): Graduate Certificate in Interactive Multimedia (GradCertIMM) UAC code: 942607 (Autumn semester), 945607 (Spring semester)

CRICOS code: 030865B

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Overview

This course is designed for students from a wide variety of disciplines who may or may not already be working in areas of multimedia. It enables students to gain new areas of knowledge or broaden existing areas.

While this program is managed by the Faculty of Engineering and Information Technology, it is a joint program between the Institute for Interactive Media and Learning and a number of teaching faculties.

The program is designed to educate the innovators and future leaders of the various professions working in multimedia. Graduates acquire the fundamentals in multimedia, underpinning an up-to-date, flexible set of production skills in their own specialised area.

Course aims

A defining characteristic of multimedia education at UTS is the integration of theory and practice in all of the relevant disciplines and professions. The course aims to develop students' professional skills for direct application in the workplace, while providing a solid overview and understanding of the social, historical and industrial role of multimedia communication technologies. Graduates are prepared for a career in a rapidly growing and changing industry.

Career options

Career options include positions in digital media, the mobile web, information architecture, interaction design, new media, web design, web development and web project management. Various events are organised throughout the year to showcase student work and give students the opportunity to speak with industry professionals, including recruiters.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants without an undergraduate degree require a diploma and considerable relevant professional experience, or substantial senior professional experience.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Applications

Places in the course are limited and applicants should indicate an informed understanding of how their undergraduate qualifications or work experience fit with their proposed multimedia studies to open up future career directions.

Credit recognition

Given the interdisciplinary focus and teamwork emphasis of this course, credit recognition and subject exemptions are not normally granted for other postgraduate study or work experience.

Course duration and attendance

The course normally takes one semester of full-time or one year of part-time study.

Course structure

The course comprises 24 credit points of study made up of two core subjects and two elective subjects, which may include core subjects for students intending to exit the program at graduate certificate level.

Course completion requirements

	2 Electives (Interactive Multimedia)	12cp
Select 12	credit points from the following options:	12cp
95563	Digital Media Development Process	6ср
95564	Digital Media Technologies	6ср
95565	Digital Graphics and the Still Image	6ср
		Total 24cp

Course program

The following example shows a part-time program commencing in Autumn semester. Elective subjects may be chosen from across the University and must be approved by the multimedia program leader and then the relevant faculty.

Year 1

Autumn semester

Select 12 credit points from the following options:			12cp
95563	Digital Media Development Process	6ср	-
95564	Digital Media Technologies	6ср	
95565	Digital Graphics and the Still Image	6ср	
Spring semester			

12cp

Articulation with UTS courses

Select 12 credit points of electives

This course is part of an articulated program of study comprising the Graduate Certificate in Interactive Multimedia, the Graduate Diploma in Interactive Multimedia (C07078) (see page 412), and the Master of Interactive Multimedia (C04158) (see page 333).

Other information

http://mim.iml.uts.edu.au

Further information is available from: Building 10 Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

C11145v6 Graduate Certificate in Internetworking

Award(s): Graduate Certificate in Internetworking

(GradCertInternetworking)

UAC code: 942611 (Autumn semester), 945611 (Spring semester)

CRICOS code: 063424K

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Overview

This course is intended for computing science, information technology or engineering graduates with or without networking experience who wish to learn or extend their knowledge of networking and networking technologies. As students come from a variety of backgrounds, there is a degree of subject choice in the program to meet individual needs.

The Internetworking program provides practical, hands-on learning experience using resources provided by Cisco Systems. The program covers all aspects of the organisational use of networking.

Course aims

The program aims to:

- · meet the needs of industry for networking specialists
- retrain IT professionals wishing to move into networking and internetworking
- provide a thorough and practical grounding in networking and in network design, administration and management, and
- provide a solid foundation for the writing of networked applications using Unix, Java and WWW technologies.

Career options

Career options include IT/network support, junior systems programmer or other positions in data communications.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Previous qualifications are preferred in computing science, information technology, computer engineering, telecommunications, or a related discipline.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Assumed knowledge

Two years' experience in networking or in another position in the IT industry is desirable. Applicants without work experience are also considered.

Credit recognition

Applicants may apply for exemptions if they have successfully completed studies of a comparable standard from a recognised university.

There are no exemptions granted for the networking subjects 32524 and 32521 without the successful completion of the challenge test for each of the above. A challenge test is required even for holders of a CCNA or CCNP certification and those who have passed the CCNA curriculum in TAFE Certificate IV and/or Diploma. These challenge tests are always held in the week prior to the commencement of classes.

Course duration and attendance

The course duration is one semester of full-time or one year of part-time study.

Course structure

The course totals 24 credit points of study, made up of four subjects.

Course completion requirements

CBK90747 Internetworking choice 6cp STM90730 Core subjects 18cp Total 24cp

Course program

Below is a typical example of a full-time program commencing in Autumn semester.

Students undertaking the graduate certificate full time and who wish to complete 32521 WANs and VLANs are unable to complete the course in one semester as this subject has a prerequisite of 32524 LANS and Routing.

Year 1

Autumn semester

32118	Mobile Communications and Computing	6ср
32524	LANS and Routing	6ср
32547	UNIX Systems Programming	6ср
CBK90747	Internetworking choice	6cp

Articulation with UTS courses

This course forms part of an articulated program comprising the Graduate Certificate in Internetworking, the Graduate Diploma in Internetworking (C07080) (see page 413), the Master of Science in Internetworking (C04160) (see page 333) and the Master of Science in Internetworking (Extended) (C04224) (see page 341).

Professional recognition

Students can prepare for CCNA (Cisco Certified Network Associate) industry certification.

Other information

Further information is available from:

Building 10 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C11190v4 Graduate Certificate in Strategic IT Leadership

Award(s): Graduate Certificate in Strategic IT Leadership (GradCertSITL) UAC code: 942625 (Autumn semester), 945625 (Spring semester)

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Note(s)

This course is not offered to international students.

Overview

This course is designed for those who want to develop a broader understanding of the strategic value of technology for business organisations.

Students gain a 'big picture' view of the global knowledge economy and the need for a strong understanding of the role of technology in effective business leadership. The course focuses specifically on the strategic value of technology and on the leadership implications thereof for the creative management of intangible assets such as morale, social, knowledge and human capital. On completion of the course, graduates are recognised as having broad technology frames of reference with respect to business leadership in a dynamic global knowledge economy.

Course aims

This course aims to provide graduates with broad strategic leadership frames of reference and knowledge bases. It also alerts business leaders (with or without an IT background) to the increasingly important role that technology plays in business success and its potential for disrupting conventional business models and practices.

Career options

Career options include senior management roles.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Previous qualifications must be in information technology or commerce and applicants must have a minimum of five years' professional work experience, plus some supervisory experience.

Alternatively, applicants require evidence of general and professional qualifications, such as other post-secondary school qualifications that can establish the applicant's aptitude, knowledge and practical experience, which will satisfy the Faculty Board in Engineering and Information Technology that the applicant possesses the educational preparation and capacity to pursue postgraduate studies, and a minimum of five years' professional work experience, plus some supervisory experience.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Credit recognition

Exemption from subjects in the program is not normally given on the basis of previous study or work experience.

Course duration and attendance

The course is completed in one year on a part-time basis only.

Course structure

The course comprises 24 credit points of study, made up of four core subjects that can be taken in any order subject to timetable availability.

Course completion requirements

32007	Strategic Information Technology Investment	6cp
32005	Strategic Leadership for Innovation	6cp
32553	Leadership and People Management	6cp
32703	Information Technology Strategy	6cp
	6) 6)	Total 24cp

Further study at UTS

Graduates can enrol in a range of graduate diploma or master's-level courses after completing the certificate. The most appropriate of these would be the Master of Business in IT Management (C04161) (see page 335) or a Master of Business Administration (C04018) (see page 303).

Other information

Further information is available from: Building 10 Student Centre telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222 Ask UTS www.ask.uts.edu.au

C11192v1 Graduate Certificate in Information Technology Project Management

Award(s): Graduate Certificate in Information Technology Project Management (GradCertITPM)

UAC code: 942631 (Autumn semester), 945631 (Spring semester)

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Note(s)

This course is not offered to international students.

Overview

This course provides advanced professional studies in IT project management.

Students gain an understanding of the business context and develop conceptual and analytical approaches to IT project management. Graduates of this course are well placed to move into a project management role.

Course aims

The course aims to:

- explain the business context and technical developments shaping contemporary IT project management
- develop knowledge and skills in IT project management processes
- develop conceptual and analytical approaches to IT project management, and
- develop theoretical and practical competencies in technical and people management.

Career options

Career options include positions in project management.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Previous qualifications should normally be in computing/information technology or a related field. If the previous qualification is not in a relevant field, applicants also require a graduate diploma in computing/information technology (or related discipline) from a recognised Australian university and/or relevant work experience.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course is offered on a one-year, part-time basis.

Course structure

Students complete 24 credit points of study consisting of two core subjects and two elective options from CBK90770.

Course completion requirements

Project Management	6ср
Systems Quality Management	6ср
Options	12cp
-	Total 24cp
	, 6

Course program

A typical part-time program for students commencing in Autumn semester is shown below.

Voor 1

Autumn semester

Chring competer			
Systems Quality Management	6ср		
Project Management	6ср		
	Systems Quality Management		

Spring semester

Select 12 credit points of options 12cp

Articulation with UTS courses

The course articulates with the Master of Information Technology (C04157) (see page 331) and the Master of Business in Information Technology Management (C04161) (see page 335) depending on the student's professional experience.

Other information

Further information is available from:

Building 10 Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C11194v1 Graduate Certificate in Children's Nursing

Award(s): Graduate Certificate in Children's Nursing (GradCertN)

UAC code: 942870 (Autumn semester) Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5

Location: Kuring-gai campus

Note(s)

This course is not offered to international students.

Overview

The course has been designed to provide registered nurses with the skills and knowledge required for a specialist role in children's nursing. It develops and extends students' knowledge of children's nursing practice and management. It is also an effective means of professional and personal development.

Course aims

The course aims to develop the knowledge, skills and understanding required to practise safely and competently in a variety of children's nursing settings. Students develop this understanding through hospital and community paediatric care settings.

Career options

Graduates are well equipped to work as part of a multidisciplinary team, and are able to appraise and develop their own practice and contribute to the professional development of others.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants must hold current registration as a nurse in Australia. Registered nurses who do not have an undergraduate diploma or degree but do have recent relevant work experience and can demonstrate the capacity to undertake tertiary study may also be considered eligible.

Applicants must have concurrent employment in, or access to, the area of study and one year of post-registration clinical experience.

Students' current nursing registration will be confirmed via the National Register of Practitioners at:

www.ahpra.gov.au/Registration/Registers-of-Practitioners.aspx Students should ensure that details of their registration are up-todate on this register. The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course is offered on a one-year, part-time basis.

Subjects are offered via on-campus study days and online learning. Part-time study is usually undertaken at a rate of two subjects a semester. The normal attendance per subject is four full days spread over the semester.

Course structure

Students must complete a total of 24 credit points, comprising four specified nursing subjects.

There are structured work-based learning opportunities for students who are employees of the Sydney Children's Hospital Network (Randwick and Westmead campuses). These students may undertake a Clinical Accreditation Program (CAP) with these organisations. This is at no cost to participants. Students who successfully complete a CAP are awarded exemption from subject Specialty Clinical Practice. If students change their sub-major they may need to redo a CAP related to the new sub-major or do subject Specialty Practice.

Course completion requirements

92713	Health Breakdown	6ср
92869	Specialty Clinical Practice	6ср
92878	Care of the Child in Illness and Disability	6ср
92902	Care of the Acutely Ill Child	6ср
	,	Total 24cp

Articulation with UTS courses

This course articulates with the Graduate Diploma in Nursing (C07044) (see page 408) and the Master of Nursing (C04228) (see page 344).

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Janet Green

Course coordinator

email Janet.Green@uts.edu.au

www.health.uts.edu.au

C11195v1 Graduate Certificate in Clinical Teaching

Award(s): Graduate Certificate in Clinical Teaching (GradCertN) UAC code: 942875 (Autumn semester), 945875 (Spring semester)

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5

Location: Kuring-gai campus

Note(s)

This course is not offered to international students.

Overview

This course is designed to provide registered nurses and midwives with the skills to meet the increased demands to deliver quality teaching in clinical settings. Nurses and midwives engage in clinical teaching at many different levels: with students and new graduates, in orientation programs, and with communities through health promotion activities. Notwithstanding this diversity, the principles of adult learning apply to all.

Students have the opportunity to plan, develop, implement and evaluate a program of clinical education within their own practice area. This course provides a portable qualification and highly soughtafter skills.

Course aims

This course aims to ensure that graduates are able to plan effective programs in diverse clinical settings for a variety of learners.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants must hold current registration as a nurse or midwife in Australia. Registered nurses or midwives who do not have an undergraduate diploma or degree but do have recent relevant work experience and can demonstrate the capacity to undertake tertiary study may also be considered eligible.

Applicants must have one year of post-registration clinical experience. Students' current nursing/midwifery registration will be confirmed via the National Register of Practitioners at:

www.ahpra.gov.au/Registration/Registers-of-Practitioners.aspx Students should ensure that details of their registration are up-todate on this register.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course is offered on a one-year, part-time basis.

Course structure

Students must complete a total of 24 credit points, comprising three specified nursing subjects and one nursing elective.

Course completion requirements

Select or	ne of the following:	6c	р
927	13 Health Breakdown	6ср	•
CBI	K90056 Nursing subjects (PG)	6ср	
92869	Specialty Clinical Practice	6c	р
92848	Facilitation of Clinical Learning	6c	p
92607	Education for Practice Development	6c	р
	•	Total 24c	b

Articulation with UTS courses

This course articulates with the Graduate Diploma in Nursing (C07044) (see page 408) and the Master of Nursing (C04228) (see page 344) (for registered nurses only).

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Janet Green

Course coordinator

email Janet.Green@uts.edu.au

www.health.uts.edu.au

C11196v1 Graduate Certificate in Neonatal Nursing

Award(s): Graduate Certificate in Neonatal Nursing (GradCertN)

UAC code: 942878 (Autumn semester) Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5

Location: Kuring-gai campus

Note(s)

This course is available for new admissions every second year. The next intake is in 2013.

This course is not offered to international students.

Overview

The course has been designed to give registered nurses the skills and knowledge for a specialist role in neonatal nursing. It develops and extends knowledge of neonatal nursing practice and management, and is also an effective means of professional and personal development.

Course aims

The course aims to develop the knowledge, skills and understanding needed to practise safely and competently in a variety of neonatal nursing settings, including the care of both sick and healthy infants.

Career options

Graduates are well equipped to work within a multidisciplinary team, and are able to appraise and develop their own practice and contribute to the professional development of others.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants must hold current registration as a nurse in Australia. Registered nurses who do not have an undergraduate diploma or degree but do have recent relevant work experience and can demonstrate the capacity to undertake tertiary study may also be considered eligible.

Applicants must have concurrent employment in, or access to, the area of study and one year of post-registration clinical experience.

Students' current nursing registration will be confirmed via the National Register of Practitioners at:

www.ahpra.gov.au/Registration/Registers-of-Practitioners.aspx

Students should ensure that details of their registration are up-to-date on this register.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course is offered on a one-year, part-time basis.

Subjects are offered via on-campus study days and online learning. Part-time study is usually undertaken at a rate of two subjects a semester. The normal attendance per subject is four full days spread over the semester.

Course structure

Students must complete a total of 24 credit points, comprising four specified nursing subjects.

Course completion requirements

92713	Health Breakdown	6ср
92869	Specialty Clinical Practice	6ср
92871	Perinatal Development	6ср
92895	Issues in Neonatal Care	6cp
		Total 24cp

Articulation with UTS courses

This course articulates with the Graduate Diploma in Nursing (C07044) (see page 408) and the Master of Nursing (C04228) (see page 344).

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Ianet Green

Course coordinator

email Janet.Green@uts.edu.au

www.health.uts.edu.au

C11198v2 Graduate Certificate in Human Resource Management

Award(s): Graduate Certificate in Human Resource Management

(GradCertHRM)

CRICOS code: 055278D

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Overview

The Graduate Certificate in Human Resource Management introduces participants to knowledge and experiences in the areas of industrial relations and human resource management.

The course acknowledges that while the personnel and industrial functions are sometimes separately exercised within organisations, each has a pervasive effect on the other.

Course aims

The Graduate Certificate in Human Resource Management provides participants with the opportunity to study at a professional level, to improve the quality of their strategic management skills.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

If the previous qualification is not in a related field, applicants require a minimum of two years' relevant work experience. Applicants without a degree require eight years' full-time relevant work experience and evidence of a general capacity to undertake tertiary education.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances

Course duration and attendance

The course duration is one semester of full-time or one year of parttime study.

Course structure

The course comprises 24 credit points of core subjects.

Course completion requirements

STM90733 Core subjects (HRM) 24cp Total 24cp

Course program

The core subjects are shown below.

Core subjects

21844	Managing Work and People	6ср
21720	Human Resource Management	6cp
21800	Management and Organisations	6cp
21779	Management Skills	6cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Human Resource Management, the Graduate Diploma in Human Resource Management (C07113) (see page 416) and the Master of Business in Human Resource Management (C04227) (see page 343).

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/gsb

C11199v3 Graduate Certificate in Operations and Supply Chain Management

Award(s): Graduate Certificate in Operations and Supply Chain

Management (GradCertOSCM)

CRICOS code: 055277E

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Overview

The Graduate Certificate in Operations and Supply Chain Management provides a solid introduction to business operations management for those wishing to gain some experience in this area.

Course aims

The course introduces participants to the nature and contribution of supply chain and operational management functions in the organisational context.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

If the previous qualification is not in a related field, applicants require a minimum of two years' relevant work experience. Applicants without a degree require eight years' full-time relevant work experience and evidence of a general capacity to undertake tertiary education.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course is one semester of full-time or one year of part-time study.

Course structure

The course comprises 24 credit points of core subjects.

Course completion requirements

STM90732 Core subjects 24cp Total 24cp

Course program

The core subjects are shown below.

Core subjects

21741 21743	Managing Operations Business Excellence		6ср 6ср
Select one	e of the following:		6ср
2177	9 Management Skills	6ср	•
2187	7 Strategic Procurement	6ср	
21797	Strategic Supply Chain Management	•	6ср

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Operations and Supply Chain Management, the Graduate Diploma in Operations and Supply Chain Management (C07112) (see page 415) and the Master of Business in Operations and Supply Chain Management (C04226) (see page 342).

Other information

Further information is available from UTS: Business on: telephone $+61\ 2\ 9514\ 3660$

email business@uts.edu.au

www.business.uts.edu.au/gsb

C11200v2 Graduate Certificate in Child and Family Health Nursing

Award(s): Graduate Certificate in Child and Family Health Nursing [GradCertN]

UAC code: 942880 (Autumn semester) Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Note(s)

This course includes a compulsory clinical practice component (see below) to be undertaken after the block teaching periods.

This course is not offered to international students.

Overview

This course is offered as a joint initiative between UTS: Health and Tresillian Family Care Centres.

Child and family health nurses work in partnership with parents as they learn the skills of parenting and caring for the infant and growing child. The primary health care role of the child and family health nurse includes health teaching with parents, health promotion in the community, group work and counselling for parents and care givers, and health surveillance of infants and children.

Applicants do not need to be employees of Tresillian, nor do they need to be concurrently employed in child and family health services.

The course prepares registered nurses for beginning practice in the clinical nursing specialty of child and family health.

Course aims

The program of study is designed to build on nursing knowledge and skills to develop capacity to work in a primary health care setting with young children and their families. The comprehensive study program focuses on infant care and child health, and the promotion of maternal and family health and wellbeing. The accompanying clinical experience program provides placements in community child and family health services as well as Tresillian Family Care Centres.

Career options

Career options include positions in primary health care services, such as early childhood health or community health centres, secondary level services in family care centres or breastfeeding clinics for mothers and babies, and tertiary services such as those offered by Tresillian or Karitane.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants must hold current registration as a nurse in Australia. Registered nurses who do not have an undergraduate diploma or degree but who have recent relevant work experience may also be eligible to apply. Such applicants must present evidence of the capacity to undertake tertiary study.

Applicants must have one year of post-registration clinical experience. Students' current nursing registration will be confirmed via the National Register of Practitioners at:

www.ahpra.gov.au/Registration/Registers-of-Practitioners.aspx Students should ensure that details of their registration are up-todate on this register.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course is offered on a one-year, part-time basis.

Course structure

Students must complete a total of 24 credit points, comprising four specified nursing subjects.

The course is offered as a mix of face-to-face teaching sessions and web-based learning through UTSOnline. There are 10 days of face-to-face teaching over the duration of the year requiring attendance on campus. These are presented as four workshops of two or three days each.

Dates for 2013 are:

- 18–20 February
- 6–7 May
- 22–24 July
- 28–29 October

The remainder of the learning is in web-supported distance mode.

Industrial training/professional practice

Students are required to undertake a clinical practicum to consolidate their learning and introduce them to child and family health nursing practice. The clinical program offers up to 160 hours of experience:

- 80 hours in a child and family health service clinical facility (compulsory)
- 40 hours as fieldwork undertaken independently (compulsory)
- 40 hours arranged to suit the learning needs of individual students.

Where possible, students are placed in child and family health services in their own locality.

Dates for 2013 are:

- Autumn semester: 2–12 April or 13–24 May
- Spring semester: 2–20 September

Course completion requirements

92613	Principles of Child and Family Health Nursin	g 6cp
92614	Child and Family Health Nursing 1	6ср
92615	Child and Family Health Nursing 2	6ср
92620	Family and Community Health Practice	6cp
		Total 24cp

Articulation with UTS courses

This course articulates with the Graduate Diploma in Nursing (C07044) (see page 408) and the Master of Nursing (C04228) (see page 344) (for registered nurses only).

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Nicola Brown

Course coordinator

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www.health.uts.edu.au

C11201v1 Graduate Certificate in Acute Care Nursing

Award(s): Graduate Certificate in Acute Care Nursing (GradCertN)

UAC code: 942885 (Autumn semester) Commonwealth-supported place?: No

Load credit points: 24

Course EFTSL: 0.5 Location: Kuring-gai campus

Note(s)

This course is not offered to international students.

Overview

This course provides registered nurses with the knowledge and skills for a specialist role as an advanced acute care nurse. The course helps students to critically evaluate their practice and incorporate research findings and technologies as appropriate. Students study topics that reflect health phenomena that are common across acute care illnesses requiring medical and/or surgical intervention, as well as the principles of managing patients who become acutely ill and unstable.

Students learn to recognise and support the unique characteristics of the acute care patient population and are able to practise safely and competently as acute care nurses. The knowledge, skills and expertise gained enable students to enhance the quality of care for patients and their families. Students also develop skills to actively contribute to the professional development of others and use research in order to make informed decisions about nursing practice.

Career options

Career options include specialty acute care nursing in a wide range of clinical settings.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants must hold current registration as a nurse in Australia. Registered nurses who do not have an undergraduate diploma or degree but do have recent relevant work experience and can demonstrate the capacity to undertake tertiary study may also be considered eligible.

Applicants must have concurrent employment in, or access to, the area of study and one year of post-registration clinical experience.

Students' current nursing registration will be confirmed via the National Register of Practitioners at:

www.ahpra.gov.au/Registration/Registers-of-Practitioners.aspx Students should ensure that details of their registration are up-to-date on this register.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course is offered on a one-year, part-time basis.

Subjects are offered via on-campus study days, workshops in a high-fidelity simulation laboratory and online learning. Part-time study is usually undertaken at the rate of two subjects a semester. The normal attendance per subject is four full days on campus spread over the semester.

Course structure

Students are required to complete a total of 24 credit points of study, comprising four specified nursing subjects.

There are structured work-based learning opportunities for students who are employees of Northern Sydney Local Health District (NSLHD) or Concord Hospital. These students may undertake a Clinical Accreditation Program (CAP) with these organisations. This is at no cost to participants. Students who successfully complete a CAP are awarded exemption from subject Specialty Clinical Practice. If students change their sub-major they may need to redo a CAP related to the new sub-major or do subject Specialty Practice.

Course completion requirements

92713	Health Breakdown	6ср
92869	Specialty Clinical Practice	6ср
92616	Core Concepts in Acute Care Nursing	6ср
92617	Early Interventions in Acute Care Nursing	6cp
	,	Total 24cp

Articulation with UTS courses

This course articulates with the Graduate Diploma in Nursing (C07044) (see page 408) and the Master of Nursing (C04228) (see page 344).

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Michelle Kelly

Course coordinator

telephone +61 2 9514 4815

email Michelle.Kelly@uts.edu.au

www.health.uts.edu.au

C11204v1 Graduate Certificate in Development Assessment

Award(s): Graduate Certificate in Development Assessment (GradCertDevAssmnt)

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Note(s)

This course is not offered to international students.

Overview

Development assessment has become one of local government's most important activities. People from a wide range of professional and technical backgrounds are working in development assessment, but many lack specialist training in the field. To meet differing individual needs, the UTS Centre for Local Government has introduced a unique Graduate Certificate in Development Assessment that incorporates specialised professional development and technical subjects.

The cornerstone of this course is its flexibility. It allows participants to prepare a personal study plan that matches the specific requirements of their work, career and other commitments. Most subjects can be studied through intensive block mode and, in some cases, by distance or workplace learning. Students may apply for credit for relevant professional development courses undertaken at UTS or with another institution.

Course aims

The course aims to provide students with:

- a sound understanding of principles and practice of development assessment
- an appreciation of the wider context of planning and assessment systems in local government
- knowledge and skills in dealing with different types of applications for development and building approvals, including the ability to identify key factors to be taken into account and broader strategic issues
- enhanced knowledge and skills in selected areas of development assessment, and
- the capacity to undertake further study and professional development.

Career options

The course is designed to provide skills and knowledge necessary to enable students to carry out assessment of building and development proposals with a high level of expertise, to facilitate subsequent accreditation as Certifiers and Principal Certifying Authorities under NSW legislation and to enhance learning and study skills for ongoing education and professional development.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Previous qualifications must be in architecture, building or planning. If the previous qualification is not in one of these fields, applicants require a TAFE Certificate IV in Planning or the Statement of Attainment in Building Assessment. In some cases, applicants should have two years' work experience in architecture, building, planning or local government.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Credit recognition

Students who have completed relevant previous studies may apply to the course coordinator for credit recognition.

Course duration and attendance

The course may be completed on a two-year, part-time basis, with students undertaking one subject a semester, or on a one-year, part-time basis, with students undertaking two subjects a semester.

Course structure

The course totals 24 credit points, made up of four subjects.

Course completion requirements

CBK90560	Development Assessment core choice	12cp
	Development Assessment elective choice	12cp
	1	Total 24cp

Further study at UTS

Graduates may apply for admission to the Graduate Diploma in Local Government Management (C06033) (see page 387) and request credit recognition for relevant subjects studied in this course.

Other information

Further information is available from: Gabrielle Watterson Administration Officer telephone +61 2 9514 1659 fax +61 2 9514 2274

email Gabrielle.Watterson@uts.edu.au

www.clg.uts.edu.au

C11206v3 Graduate Certificate in Professional Accounting

 $\label{lem:award(s): Graduate Certificate in Professional Accounting $$ (GradCertProfAcc)$$

CRICOS code: 061284M

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Overview

The Graduate Certificate in Professional Accounting is a four-subject introductory course designed to provide a general understanding of accounting and related areas of business study. It provides foundation knowledge in the areas of accounting, finance, economics and law.

This course is designed for students who:

- do not have an undergraduate background in accounting and who wish to further their business knowledge, or
- have extensive business experience but lack the formal qualifications for direct entry to the master's programs in professional accounting, or
- want to complete an introductory course in accounting and related fields and want to prove their ability to undertake postgraduate study and attain postgraduate qualifications.

As this course articulates into the master's programs in professional accounting, this enables students who do not possess formal undergraduate qualifications, including TAFE diplomats, to acquire the relevant academic qualification for membership of CPA Australia, the Institute of Chartered Accountants in Australia (ICAA) and the Institute of Public Accountants (IPA).

Course aims

The course comprises a mix of accounting, finance and related subjects which collectively provide a range of essential business skills and knowledge that are necessary for managerial level employment in today's dynamic business environment.

Career options

Career options include management-level positions in industry or government, as well as not-for-profit organisations.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants without a degree require eight years' full-time relevant work experience and evidence of a general capacity to undertake tertiary education.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course may be completed in one semester of full-time or one year of part-time study.

Classes are offered over three teaching periods each year (namely Autumn and Spring semesters, and Summer session). Not all subjects are available in Summer session.

In most cases, subjects are offered on the basis of one three-hour lecture per week over a 13-week period, however, certain subjects may be delivered in intensive mode and completed over a shorter time period.

Course structure

The course totals 24 credit points, made up of four core subjects.

Course completion requirements

22747	Accounting for Managerial Decisions	6ср
25742	Financial Management	6ср
79708	Contemporary Business Law	6ср
23706	Economics for Management	6ср
	Ü	Total 24cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Professional Accounting, the Master of Professional Accounting (C04238) (see page 356) and the Master of Professional Accounting Extended (C04237) (see page 355).

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg

C11208v1 Graduate Certificate in Executive Business Administration

Award(s): Graduate Certificate in Executive Business Administration (GradCertExecBusAdmin)

(GradCertExeCBuSAdmin)

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Note(s)

This course is not offered to international students.

Overview

The Graduate Certificate in Executive Business Administration provides foundation skills used in the general management of a business unit or enterprise for non-graduates who have at least eight years of relevant business experience.

Course aims

General management skills are developed to provide a knowledge base in the areas of leadership, strategic thinking, business planning, decision-making tools, organisational and group dynamics, effective communication and accounting.

Career options

Career options include management-level positions in industry or government.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants also require five years' relevant work experience. Applicants without a degree require eight years' full-time relevant work experience and an ability to be able to successfully undertake postgraduate business studies as determined by the MBA director. Applicants may be required to attend an interview as part of the admission process.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course can be completed in 0.5 years, on a full-time basis.

Course structure

The course comprises 24 credit points of study made up of three subjects chosen from a group of four.

Course completion requirements

Select 24 c	redit points from the following options:	24cp
27800	Applied Leadership and Strategy	8cp
25841	Decision Making Tools	8cp
21875	Organisational Behaviour in Practice	8cp
22814	Accounting Information for Managers	8cp
		Total 24cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Executive Business Administration and the Executive Master of Business Administration (C04031) (see page 305).

Other information

Further information is available from UTS: Business on:

telephone +61 2 9514 3660 email business@uts.edu.au www.business.uts.edu.au/pg

C11210v1 Graduate Certificate in Mathematics

Award(s): Graduate Certificate in Mathematics (GradCertMath) UAC code: 942743 (Autumn semester), 945743 (Spring semester)

CRICOS code: 065345D

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Overview

The Graduate Certificate in Mathematics is a four-subject course comprising undergraduate and / or honours-level subjects. The flexible course structure allows study programs designed to suit different university graduates; from mathematicians who need to refresh or deepen their knowledge in a certain mathematical discipline, to holders of business, engineering or science bachelor's degrees who need a mathematical foundation for further studies.

The course is recommended for those with insufficient mathematics in their bachelor's degree who wish to meet the admission requirements of the Graduate Diploma in Mathematics and Statistics for Business and Finance (C06097) (see page 393).

Course aims

The course aims to provide university graduates with access to training and retraining in mathematics and statistics with the aim to allow students to focus on particular mathematical topics rather than on broader areas of mathematics.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

No exemptions are granted as credit recognition.

Course duration and attendance

An applicant may enrol in this course either on a full-time or part-time basis. As a guide, minimum full-time attendance is one semester of study and part-time attendance is one year of study. The possibility

of full-time study and the duration of the course depend on the subjects chosen and their availability. Applicants should be aware that subjects may require attendance at daytime classes. The current timetable is available at:

http://timetable.uts.edu.au

Course structure

Students are required to complete 24 credit points, comprising four subjects offered by the Department of Mathematical Sciences. The subjects are to be chosen from the list of subjects (options) below offered by the department.

The availability of the subjects in this program is shown with the subject descriptions in this handbook. Many subjects offered by the Department of Mathematical Sciences have prerequisites. It is the student's responsibility to check that they have the required knowledge specified by these prerequisites. Students are strongly advised not to enrol in any subject if they do not have knowledge equivalent to the subject's prerequisites.

Course completion requirements

Select 24 ca	redit points from the following options:		24cp
35100	Introduction to Sample Surveys	6ср	-
35101	Introduction to Linear Dynamical Systems	6ср	
35102	Introduction to Analysis and Multivariable		
	Calculus	6ср	
35111	Applications of Discrete Mathematics	6ср	
35140	Introduction to Quantitative Management	6ср	
35151	Introduction to Statistics	6ср	
35212	Computational Linear Algebra	6ср	
35231	Differential Equations	6ср	
35232	Advanced Calculus	6ср	
35241	Optimisation in Quantitative Management	6ср	
35252	Mathematical Statistics	6ср	
35255	Forensic Statistics	6ср	
35322	Advanced Analysis	6ср	
35335	Mathematical Methods	6ср	
35340	Quantitative Management Practice	6ср	
35342	Nonlinear Methods in Quantitative	_	
	Management	6ср	
35344	Network and Combinatorial Optimisation	6ср	
35353	Regression Analysis	6ср	
35355	Quality Control	6ср	
35356	Design and Analysis of Experiments	6ср	
35361	Stochastic Processes	6ср	
35363	Stochastic Models	6ср	
35383	High Performance Computing	6ср	
35391	Seminar (Mathematics)	6ср	
35393	Seminar (Statistics)	6ср	
35457	Multivariate Statistics	6ср	
35466	Advanced Stochastic Processes	6ср	
35472	Honours Seminar 1	6ср	
35473	Honours Seminar 2	6ср	
35474	Honours Seminar 3	6ср	
35475	Honours Seminar 4	6ср	
		Total	l 24cp

Transfer between UTS courses

Students enrolled in this program are eligible to apply to transfer to the Graduate Diploma in Mathematics and Statistics for Business and Finance (C06097) (see page 393) provided they satisfy the admission criteria of the graduate diploma program. This allows students who do not have the mathematical knowledge required for admission to the graduate diploma to complete the necessary subjects as a part of the graduate certificate program and then to transfer to the Graduate Diploma in Mathematics and Statistics for Business and Finance (C06097) (see page 393).

Further study at UTS

Student who complete this course can enrol in the Graduate Diploma in Mathematics and Statistics for Business and Finance (C06097) (see page 393) with exemption from up to two core subjects of the graduate diploma program provided these subjects were completed as a part of the graduate certificate.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C11211v1 Graduate Certificate in Australian Law

Award(s): Graduate Certificate in Australian Law (GradCertAustLaw) UAC code: 942425 (Autumn semester), 945425 (Spring semester)

CRICOS code: 064381G

Commonwealth-supported place?: No

Load credit points: 30 Course EFTSL: 0.625 Location: City campus

Note(s)

This course is not appropriate for applicants who are already admitted to practise as a lawyer in NSW.

Overview

The Graduate Certificate in Australian Law is designed to permit appropriately qualified lawyers from common law jurisdictions outside Australia to satisfy the academic requirements for admission as a lawyer of the Supreme Court of NSW.

The course allows lawyers from common law jurisdictions to meet the academic requirements to practise in Australia.

Career options

Career options include lawyer in NSW within a government or corporate department, private law firm or community law centre.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants' bachelor's degree in law must be from outside Australia or they must be admitted to practise as a legal practitioner in a common law jurisdiction outside Australia.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Applications

Before lodging an application, applicants must contact the Legal Profession Admission Board of the NSW Supreme Court (LPAB) to determine the subjects they are required to complete to be eligible for admission to practise in NSW. Further details about admission is available at:

www.lawlink.nsw.gov.au/lpab

Notification from the LPAB, listing the subjects required, must accompany the application for admission into the course.

Assumed knowledge

Appropriately qualified knowledge of the common law legal system.

Course duration and attendance

Full-time students can complete the course in a minimum of one semester. Part-time students can complete the course in a minimum of one year. International students are unable to undertake part-time study.

Course structure

The course requires completion of 30 credit points of specified subjects. However, in some cases and subject to approval, students may substitute one subject.

Industrial training/professional practice

Applicants should note that in order to gain admission as a lawyer of the Supreme Court of NSW they may also be required to undertake a course in practical legal training, such as the UTS Practical Legal Training Program.

Course completion requirements

	compression requirements	
70317	Real Property	8cp
70616	Australian Constitutional Law	8cp
70617	Administrative Law	8cp
75420	Ethics and Professional Conduct	6cp
		Total 30cp

Professional recognition

This course may satisfy the requirements for admission to the Supreme Court of NSW. The Legal Profession Admission Board may recognise subjects attempted within this course. Applicants are advised to obtain written confirmation of the LPAB in recognition of subjects attempted within this course prior to enrolling.

Other information

Further information for future students is available from:

telephone +61 2 9514 3660

email law@uts.edu.au

Further information for current students is available from:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C11212v1 Graduate Certificate in Architecture

Award(s): Graduate Certificate in Architecture (GradCertArch) UAC code: 942116 (Autumn semester), 945116 (Spring semester) CRICOS code: 065843G

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Overview

This course is a tailored bridging course that provides a pathway into the Master of Advanced Architecture (C04240) (see page 359). It provides new skills and knowledge for students who have obtained professional qualifications prior to the introduction of digital software for design and documentation in architectural education (prior to 2000).

This is a highly flexible course that enables specialisation in either urban design or design technologies. Each student has a tailored program of architectural design and architectural practice subjects, based on their needs and experience. The course equips graduates with skills of entrepreneurship, marketing, business and management necessary for leadership in the profession.

Course aims

Through the core architectural design studio subjects, graduates are equipped with strategic thinking, spatial organisation and visual design skills, and develop further their verbal and written communication abilities. Project-based studio subjects explore research, design concepts, implementation strategies and presentation techniques. Through the core professional practice subjects, students develop their knowledge of all aspects of industry and practice management, furthering their capacity for leadership in the profession, locally and internationally.

Career options

Career options are focused on leading design and technical innovation roles in architectural and urban design practice.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants require a professional entry degree of five-years, full-time or equivalent from an accredited program in architecture or a four-year, full-time or equivalent degree from an accredited program in landscape architecture.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Applications

Applicants must submit a portfolio of work demonstrating their design skills for examination in addition to a statement of interest in the course.

Course duration and attendance

The course is offered on a one-semester, full-time or part-time equivalent basis.

Course structure

The course totals 24 credit points of selected Master of Architecture subjects comprising one 12-credit-point architectural design subject, one 6-credit-point architectural practice subject and one 6-credit-point elective.

Course completion requirements

CBK90625 Architectural Design	12cp
CBK90626 Architectural Practice	6cp
Select one of the following:	6ср
CBK90628 Electives	6ср
CBK90233 Electives	6ср
	Total 24cp

Further study at UTS

This course is a pathway into the Master of Advanced Architecture (C04240) (see page 359).

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

C11215v1 Graduate Certificate in Local Government Leadership

Award(s): Graduate Certificate in Local Government Leadership

(GradCertLGLead)

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Note(s)

This course is not offered to international students.

Overview

Aspiring local government leaders must have a high level of professional expertise together with a broad range of leadership skills and a sound understanding of the special characteristics of local government.

The course is tailored to the local government environment and allows aspiring leaders to develop understanding and capabilities necessary for leadership in the public sector. There is a particular focus on the need for local government leaders to understand and

demonstrate commitment to the production of 'public value' (Moore 1995); outcomes that are truly valued in the community.

The course offers the opportunity to undertake an education program that responds to individual needs as well those in the workplace and the broader community. Subjects involve intensive block mode workshops, workplace action learning, self-directed study, scenario-based challenges and a real-life community leadership project.

Course aims

The course aims to provide students with knowledge, skills and capabilities and practices of local government leadership, with particular reference to their own organisation and community. Students also develop the learning skills that allow them to continue their own professional development through short courses or further academic study.

Career options

Career options include local government manager in councils.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Credit recognition

Students who have completed relevant previous studies may apply to the course coordinator for credit recognition.

Course duration and attendance

The course may be completed on a two-year, part-time basis, with students undertaking one subject a semester, or on a one-year, part-time basis, with students undertaking two subjects a semester.

Course structure

The course totals 24 credit points, made up of four subjects.

Course completion requirements

15610	Local Government Leadership: Personal and		
	Professional Skills		6ср
15618	New Perspectives in Local Government		-
	Leadership		6ср
15616	Community Leadership Project		6cp
Select 6 cre	edit points from the following options:		6ср
15617	Team Building and Leadership	6ср	_
15312	Communication and Critical Thinking	6ср	
15326	Project Management Practicum	6ср	
15346	Governance and Leadership of Project	1	
	Management	6ср	
15145	Development Negotiation	6cp	
15606	Vocational Competencies 1	6cp	
	1	Total	24cp

Other information

Further information is available from: Gabrielle Watterson

Administration Officer

telephone +61 2 9514 1659 fax +61 2 9514 2274

email Gabrielle.Watterson@uts.edu.au

www.clg.uts.edu.au

C11216v1 Graduate Certificate in Science

Award(s): Graduate Certificate in Science (GradCertSc) UAC code: 942768 (Autumn semester), 945768 (Spring semester)

CRICOS code: 071910G

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5

Overview

The Graduate Certificate in Science is designed to provide an opportunity for working scientists to gain generic professional knowledge and skills as well as to extend and update their knowledge in line with recent advances in science.

The course enhances career prospects by providing opportunities to extend knowledge beyond a first degree.

Career options

The course provides a backbone of skills important to a professional scientist; be they engaged in research, science business, industries or government organisations.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

No exemptions are granted for this course.

Course duration and attendance

The course is offered on a one-semester, full-time or one-year, part-time basis.

Course structure

The course requires 24 credit points of study, with 12 credit points chosen from the professional stream subjects and 12 credit points from a choice of specified science subjects.

Course completion requirements

CBK90642 Elective	12cp
CBK90648 Professional stream choice	12cp
	Total 24cp

Other information

Further information is available from: Science Academic Administration Office telephone +61 2 9514 9985 email Science.admin@uts.edu.au or Building 6 Student Centre telephone 1300 ask LTS (1300 275 887)

telephone 1300 ask UTS (1300 275 887) or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C11217v1 Graduate Certificate in Communications Law

Award(s): Graduate Certificate in Communications Law

(GradCertCommLaw)

UAC code: 942432 (Autumn semester), 945432 (Spring semester)

CRICOS code: 071752E

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Overview

Emerging as a critical media and legal specialisation, communications law at UTS offers an opportunity for non-law as well as law graduates to develop an understanding and demonstrate their expertise as media professionals and commentators, policy makers and lawyers, managers and researchers in this important area.

Students are exposed to key issues within the field such as: the roll-out of the national broadband network; cyber-security; legal perspectives of the internet; the role of law and regulation in communications, media and entertainment; and the relationship of intellectual property and technology.

Career options

Career options exist for non-law professionals to enhance prospects as communications policy advisors, editorial and management positions, online/social media consultants, lobbyists, researchers for public interest groups and industry commentators. Practising lawyers can expand their legal specialisations in areas including communications law, intellectual property, media and entertainment law, telecommunications law, technology law and corporate law.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Admission is at the discretion of the associate dean (teaching and learning).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The course can be completed in a minimum of one semester of fulltime or one year of part-time study.

Course structure

Two streams are available within the course.

- Students who hold an undergraduate legal qualification must complete three option subjects (24 credit points).
- Students who hold an undergraduate degree in a discipline other than law must complete one core introductory subject (8 credit points) followed by an additional two subjects (16 credit points).

Students who have completed an undergraduate legal qualification should contact the UTS Student Centre during enrolment if their study plan includes the Non-law graduate entrant stream (STM90545).

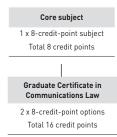
Course completion requirements

Select one of the following: 24cp
STM90545 Non-law graduate entrant stream 24cp
STM90544 Law graduate entrant stream 24cp
Total 24cp

Course diagram Law graduate entrants

Graduate Certificate in Communications Law 3 x 8-credit-point options Total 24 credit points

Non-law graduate entrants



Articulation with UTS courses

Students enrolled in the graduate certificate may apply to transfer to the Master of Communications Law (C04242) (see page 365). Successful candidates are not awarded the graduate certificate but subjects undertaken within the graduate certificate are recognised and applied towards the master's.

Other information

Further information for future students is available from:

telephone +61 2 9514 3660

email law@uts.edu.au

Further information for current students is available from:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C11220v1 Graduate Certificate in Adult Numeracy Teaching

Award(s): Graduate Certificate in Adult Numeracy Teaching (GradCertAdNumTeach)

UAC code: 942246 (CSP) (Autumn semester), 942247 (PDFP) (Autumn semester)

Commonwealth-supported place?: Yes

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Note(s)

This course is not offered to international students.

Overview

UTS is a leading provider of postgraduate language and literacy courses with the longest tradition of adult basic education (ABE) teacher training of any university in NSW. This course is for people who wish to gain an initial specialist qualification in teaching numeracy to adults. It provides graduates with a specialist teaching qualification that enables them to work in the field of adult numeracy education in both the public and private sectors and registered training organisations.

The course includes two practicums that integrate relevant theoretical perspectives on adult basic education with practical teaching and learning applications.

Course aims

Graduates of this course are expected to be able to:

- demonstrate a critically reflective approach to planning and facilitating learning of adult numeracy learners
- show confidence and exercise effective strategies for developing the numeracy knowledge and skills needed as teachers of adult numeracy, and
- · engage professionally in the education of adults.

Career options

Career options include adult basic education practitioner in community colleges, corrective services, AMES, TAFE and public and private adult education institutions that design and deliver programs for adults to learn and build on basic numeracy skills, or provide integrated learner support in VET programs, or design and deliver workplace numeracy programs.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: B; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course is offered on a one-year, part-time basis.

Course structure

The course comprises 24 credit points, made up of four compulsory core subjects.

Course completion requirements

STM90549 Core subjects (Adult Numeracy Teaching) 24cp Total 24cp

Course program

The course program is shown below.

Part time

Year 1

010070

013831	Numeracy Maths for Numeracy Teachers	6ср 6ср
Spring se	mester	
010071	Professional Practice 2 Language Literacy and	
	Numeracy	6ср
013971	Teaching and Learning Numeracy	6ср

Professional Practice 1 Language Literacy and

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Adult Numeracy Teaching and the Graduate Diploma in Adult Literacy and Numeracy Teaching (C06096) (see page 392).

Other information

Further information is available from UTS: Education at:

www.education.uts.edu.au

Local and current students:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Future international students:

telephone 1800 774 816 (freecall within Australia)

+61 3 9627 4816 (from outside Australia)

www.uts.internationalstudent.info/Register.aspx

C11221v1 Graduate Certificate in Adult Education

Award(s): Graduate Certificate in Adult Education (GradCertAdEd) UAC code: 942240 (CSP) (Autumn semester), 942241 (PDFP) (Autumn semester), 945241 (PDFP) (Spring semester)

Commonwealth-supported place?: Yes Load credit points: 24 Course EFTSL: 0.5

Location: City campus

Note(s)

This course is not offered to international students.

Overview

UTS is a leading provider of postgraduate programs in adult education in Australia and enjoys a reputation as being one of the leading providers in the world. This course introduces new practitioners, or practitioners without prior formal study in the field, to adult education and learning literature, theories and practices of program development.

Many adult education staff at UTS are recognised leaders in the field and their expertise and close connection with professional and community networks provides students with up-to-date learning opportunities and access to guest lecturers and diverse organisations. It also provides a practice-based subject to further develop teaching and training skills.

Course aims

The course aims to:

- develop students' expertise in adult teaching
- provide foundation knowledge in adult learning
- provide teaching experience.

Career options

Graduates of this course are positioned to work in a diverse range of adult learning and training settings, ranging from private and public sector organisations to community organisations, non-government organisations, as well as in formal and non-formal education institutions.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: B; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Applications

Local students

Local applicants apply through the Universities Admissions Centre.

Course duration and attendance

The course is offered on a one-year, part-time basis.

Course structure

The course comprises 24 credit points, made up of three compulsory core subjects (totalling 18 credit points) and one elective subject (totalling 6 credit points). Not all electives are offered every semester.

Course completion requirements

CBK90826 Electives (Adult Education) 6cp STM90528 Core subjects (Adult Education) 18cp Total 24cp

Course program

Course program are shown below for Autumn and Spring commencing students.

Autumn commencing, part time

Year 1

Autumn semester	Αu	tu	mn	sem	ester
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013122 013977	Understanding Adult Education and Trainin Teaching and Learning in Practice	g	6ср 6ср
Spring ser	nester		
013142	Adult Learning and Program Development		6ср
	edit points from the following options: Electives (Adult Education)	6ср	6ср

Spring commencing, part time

Year 1

Spring semester

013142	Adult Learning and Program Development		6ср
Select 6 ca	redit points from the following options:		6ср
CBK9082	6 Electives (Adult Education)	6ср	-

Year 2

Autumn semester

013122	Understanding Adult Education and Training	6ср
013977	Teaching and Learning in Practice	6ср

Articulation with UTS courses

This course is part of an articulated program with the Master of Education (C04232) (see page 349). Graduates of this course receive 12 credit points of credit recognition towards the Master of Education (C04232) (see page 349) for completed subjects on admission to the Adult Education, Organisational and Workplace Learning, or Popular Education and Social Change majors.

Other information

Further information is available from UTS: Education at:

www.education.uts.edu.au

Local and current students:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Future international students:

telephone 1800 774 816 (freecall within Australia)

+61 3 9627 4816 (from outside Australia)

www.uts.internationalstudent.info/Register.aspx

C11223v1 Graduate Certificate in Teaching English to Speakers of Other Languages

Award(s): Graduate Certificate in Teaching English to Speakers of Other Languages (GradCertTESOL)

UAC code: 942238 (CSP) (Autumn semester), 942239 (PDFP) (Autumn semester), 945239 (PDFP) (Spring semester)

CRICOS code: 071628J

Commonwealth-supported place?: Yes

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Overview

UTS is a leading provider of postgraduate language and literacy courses, with academics who are published authors and internationally recognised experts in the field. This course is an initial teaching qualification in teaching English to speakers of other languages (TESOL). It specifically focuses on the teaching of adult students. Students study subjects that equip them with skills and knowledge to teach English in a range of contexts, both local and international.

This course is suitable for people who wish to obtain an initial adult teaching qualification in TESOL. The course includes professional practice placements in TESOL and offers flexible study options with classes held at times suitable for full-time workers.

Course aims

The course aims to produce TESOL teachers who are knowledgeable, reflective and engaging in their practice, have well developed interpersonal skills, are keen to put current developments in learning and teaching into practice and have a commitment to lifelong learning.

Career options

Career options include a teacher of English as a second language (ESL) in Australia or a teacher of English as a foreign language (EFL) in overseas contexts (applicants are advised to check with potential employing bodies regarding employment requirements).

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: B; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Applications

Local students

Local applicants apply through the Universities Admissions Centre.

International students

International students apply through UTS International.

Course duration and attendance

The course is offered on a one-semester, full-time or two-semester, part-time basis.

The subjects in STM90529 are run in standard weekly mode for TESOL students, except for 010071 Professional Practice 2 Language Literacy and Numeracy, which is run in block mode.

Course structure

Students must complete 24 credit points, comprising four core subjects.

Industrial training/professional practice

There is a practicum placement for subjects 010070 Professional Practice 1 Language Literacy and Numeracy and 010071 Professional Practice 2 Language Literacy and Numeracy.

Course completion requirements

oral or completion requirements	
STM90529 Core subjects (TESOL)	24cp
	Total 24cp

Course program

Typical full-time and part-time programs are shown below.

Autumn commencing, full time

Year

Autumn semester

010070	Professional Practice 1 Language Literacy and	
	Numeracy	6ср
010071	Professional Practice 2 Language Literacy and	•
	Numeracy	6ср
013102	Introduction to Language	6ср
013958	Language Teaching Methodology	6ср

Autumn commencing, part time

Voor 1

Autumn comoctor

Autuilli	Schlester	
010070	Professional Practice 1 Language Literacy and	
	Numeracy	6cp
013958	Language Teaching Methodology	6cp
Spring se	emester	
010071	Professional Practice 2 Language Literacy and	
	Numeracy	6cp
013102	Introduction to Language	6cr

Spring commencing, full time

Year 1

Spring semester

010070	Professional Practice 1 Language Literacy and	
	Numeracy	6ср
010071	Professional Practice 2 Language Literacy and	-
	Numeracy	6ср
013102	Introduction to Language	6ср
013958	Language Teaching Methodology	6ср
	0 0 0;	

Spring commencing, part time

Year 1

Spring semester

010070	Professional Practice 1 Language Literacy and	
	Numeracy	6ср
013958	Language Teaching Methodology	6ср

Year 2

Autumn semester

010071	Professional Practice 2 Language Literacy and	
	Numeracy	6ср
013102	Introduction to Language	6ср

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Teaching English to Speakers of Other Languages, the Graduate Diploma in Teaching English to Speakers of Other Languages (C07118) (see page 417) and the Master of Arts in Teaching English to Speakers of Other Languages (C04245) (see page 368).

Other information

Further information is available from UTS: Education at:

www.education.uts.edu.au

Local and current students:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Future international students:

telephone 1800 774 816 (freecall within Australia)

+61 3 9627 4816 (from outside Australia)

www.uts.internationalstudent.info/Register.aspx

C11225v1 Graduate Certificate in Design

Award(s): Graduate Certificate in Design (GradCertDesign)

CRICOS code: 071632B

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5

Note(s)

This is an exit-only course. There is no direct admission to it. Current UTS students may be able to transfer into this course. Check with your faculty.

Transfer is for students enrolled in the Master of Design (C04243) (see page 366).

Overview

Unique in Australia, this course is intellectually vibrant, socially engaging, visionary, practice focused and actively linked to industry. The course is centred around building a design community network.

The course has two main components: specialised master classes led by a studio leader and industry partners and theory and technology subjects taught across the program.

The program focuses on and integrates research, industry collaboration, internationalisation and a design culture through the delivery of specialist, core and trans-disciplinary subjects. It provides a postgraduate education that is flexible in both its practice orientation and research integration.

With a focus on design evolution, innovative integration of new technologies, practice and student experimentation, the course is delivered by experienced studio leaders who are acknowledged leaders in the specific industries and professions.

Course aims

Designed to produce a balance between high levels of specialisation and lateral thinking, the program enables students to examine design from a trans-disciplinary perspective.

It enables students to explore design issues under the supervision of a practice leader, to learn new strategies and the application of research and theory. It supports best practices in postgraduate design education through learning and research strategies that critically examine design practice.

Graduates of this course are leaders in design and related industries through their expertise in product and service development. They are able to utilise strategic processes, creative tools and research skills for innovation in design.

The program provides a suite of subjects for postgraduate designers in the areas of interaction, strategy and enterprise, lighting design, technotextiles, and text and image. Common subjects explore related conceptual challenges and questions of visual expression in the quest to develop useful, usable and resonant designs. These include understanding and articulating the importance of 'user experience', the role of design in humanising information, the aesthetic and conceptual dynamics of effective communication, strategic thinking, and aspects of design management, branding and communication.

Career options

Graduates' careers are enhanced by high-level professional knowledge and skills for the workplace, with possession of specialised knowledge in advanced textiles, space and materials, interaction, sustainable design and innovation.

Course duration and attendance

The course is offered on a one-semester, full-time or one-year, part-time basis.

Course structure

Students must complete 24 credit points of subjects.

Course completion requirements

CBK90670 Design Expertise choice

24cp Total 24cp

Exit award

This exit-only course enables students enrolled in the master's course to exit after completing 24 credit points of study and gain a graduate certificate qualification.

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au www.dab.uts.edu.au

C11226v1 Graduate Certificate in Midwifery Studies

Award(s): Graduate Certificate in Midwifery Studies (GradCertMidSt) CRICOS code: Pending Commonwealth-supported place?: No Load credit points: 24 Course EFTSL: 0.5

Note(s)

This is an exit-only course. There is no direct admission to it. Current UTS students may be able to transfer into this course. Check with your faculty.

Transfer is for students enrolled in the Master of Midwifery (C04247) (see page 371).

This course is not offered to international students.

Overview

This course aims to provide registered midwives with an opportunity to develop both their practice and professional roles and to develop the skills, attitudes and knowledge needed to meet the developing role of a midwife. In addition, the course aims to provide students with an avenue through which to further their clinical, research, teaching, leadership and/or management roles.

This in an exit-only course for students enrolled in the Master of Midwifery (C04247) (see page 371). Direct entry is not available.

Course completion requirements

STM90530 Level 1 subjects (Midwifery)

24cp Total 24cp

Articulation with UTS courses

This exit only course is part of an articulated program comprising the Graduate Certificate in Midwifery Studies, the Graduate Diploma in Midwifery Studies (C07121) (see page 421) and the Master of Midwifery (C04247) (see page 371).

Exit award

This exit-only course enables students enrolled in the master's course to exit after completing 24 credit points of study and gain a graduate certificate qualification.

Other information

Further information is available from:

UTS Student Centre

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C11227v1 Graduate Certificate in Media Arts and Production

Award(s): Graduate Certificate in Media Arts and Production (GradCertMAP)

UAC code: 942505 (Autumn semester), 945505 (Spring semester)

CRICOS code: 071749M

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Overview

The Graduate Certificate in Media Arts and Production is part of an articulated program in media arts and production that includes moving image, sound, digital media and interaction, and the interplay among these medias. It offers an entry-level introduction to the media arts.

Course aims

Students completing this course develop core skills and knowledge in moving image, digital media and sound production. The subjects allow students to develop key media production skills and knowledge that can be continued into the graduate diploma or master's degree.

Career options

The course prepares students for advanced study and orientates them to the media industries, particularly those involving moving image, sound, digital media and interaction.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants who have completed a bachelor's, graduate diploma or master's in any field of study or a graduate certificate in a related field of study can apply. Applicants who do not possess the relevant qualification must submit a CV and personal statement outlining their educational and professional achievements.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances

Course duration and attendance

The course is completed on a one-semester, full-time or one-year, part-time basis.

Course structure

The course totals 24 credit points of study, consisting of three 8-credit-point core subjects.

Full-time students undertake 24 credit points a semester. Part-time students should undertake 8 or 16 credit points a semester.

Course completion requirements

STM90555 Core subjects (Media Arts and Production)

24cp Total 24cp

Course program

Example programs are shown below.

Autumn commencing, full time

Year 1

Autumn semester

57167	Moving Image	8ср
57168	Sound and Interaction	8cp
57989	Mise-en-Scene	8cp

Autumn commencing, part time

Year 1

Autumn semester

57168	Sound and Interaction	8ср
57989	Mise-en-Scene	8cp

Spring semester

57167	Moving Image	8ср

Spring commencing, full time

Year 1

Spring semester

57167	Moving Image	8cr
57168	Sound and Interaction	8cr
57989	Mise-en-Scene	8cr

Spring commencing, part time

Year 1

Spring semester

57167 Moving Image 8cp

Year 2

Autumn semester

57168Sound and Interaction8cp57989Mise-en-Scene8cp

Articulation with UTS courses

This course is part of an articulated program comprising the Graduate Certificate in Media Arts and Production, the Graduate Diploma in Media Arts and Production (C07120) (see page 420) and the Master of Media Arts and Production (C04248) (see page 372). Students who successfully complete this course and who are admitted to the graduate diploma or master's course are eligible for credit recognition for completed subjects.

Other information

Further information is available from the UTS Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C11228v1 Graduate Certificate in Higher Education Teaching and Learning

Award(s): Graduate Certificate in Higher Education Teaching and Learning (GradCertHEd)

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5

Note(s)

This course is not offered to international students.

Overview

This course is offered by the Institute for Interactive Media and Learning (IML) through UTS: Education. The course helps students to reflect critically on their teaching in ways which are underpinned by their own experiences and those of their students and colleagues, and by the research on learning and teaching in higher education.

The course is designed for current university academics or part-time university teachers interested in an academic career.

Course aims

The course aims to encourage students to develop:

- an understanding of different ways of thinking about university teaching, and the consequences for student learning, to enable them to make informed decisions about their approaches to teaching, subject design and assessment in a variety of contexts and with a diversity of students (relates to professional and intellectual attributes)
- an ability to reflect critically on and evaluate their own teaching and subjects and make changes aimed at improving their students' learning (relates to professional and intellectual attributes)
- a commitment to scholarship in teaching and to self-directed continuing teaching development (relates to professional and personal attributes), and
- a broader awareness of the higher education, university and academic career contexts in which they work, to assist them to develop their academic potential more effectively (relates to professional and personal attributes).

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Applicants must be full-time or fractional higher education academics, or casual higher education teachers who can provide evidence of ongoing teaching during course enrolment. UTS full-time or

fractional-time staff are exempt from paying course fees through sponsorship by the University.

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: B; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The course can be completed over one year, but students may also choose to complete it over a longer period of time.

The course is a part-time program, equivalent to eight weeks of full-time study. Subjects vary in their modes of offering, but typically involve face-to-face interactive workshops and online interaction.

Course structure

The course consists of 24 credit points of study, comprising four subjects which must be completed to be eligible for the award.

Course completion requirements

	• •	
010042	Student Learning and Teaching Approaches	6ср
010043	Course Design and Assessment	6ср
010044	Scholarly Teaching and Learning Project	6cp
010045	Reflective Academic Practice	6cp
		Total 24cp

Other information

Further information is available from IML on:

telephone +61 2 9514 1669 email Enza.Mirabella@uts.edu.au

C11229v1 Graduate Certificate in Intellectual Property

Award(s): Graduate Certificate in Intellectual Property (GradCertIP) UAC code: 942435 (distance) (Autumn semester), 945435 (distance) (Spring semester)

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Note(s

This course is not offered to international students.

Overview

UTS has established expertise and a reputation for providing courses relevant to the needs of the patent and trade mark professions. The UTS Intellectual Property program is the first at an Australian university that fulfils the entire educational requirements for registration as a trade marks attorney and patent attorney in Australia under the relevant regulations.

The unique feature of this course is that it may be undertaken entirely online, removing the need for students to attend face-to-face classes.

Course aims

This course provides graduates with an understanding of the principles of the registered trade marks system, the protection of unregistered marks and related forms of protection against misleading or unfair trading conduct in Australia. In addition, graduates understand the content and implication of a patent specification, enabling them to advise upon possible questions of infringement, validity and compliance.

Career options

Depending on the subjects taken, graduates may seek registration as a trade marks attorney and/or patent attorney in Australia. Arts administrators or media professionals may enhance career options through building expertise in the commercialisation or management of intellectual property assets. Other career options include: patent and trade marks attorney, IP lawyer, IP portfolio manager, policy maker and government regulator.

This course enables overseas registered attorneys to undertake the necessary subjects that the Professional Standards Board requires for Australian registration.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

Previous qualifications can be in any discipline. Admission is at the discretion of the associate dean (teaching and learning).

The English proficiency requirement for local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

Credit recognition

UTS may grant successful applicants advanced standing or exemption from one or more subjects but the Professional Standards Board for Patent and Trade Marks Attorneys (PSB) has no authority to recognise, for the purpose of registration as a patent attorney or trade marks attorney, such exemptions. Students intending to seek registration need to seek exemption from the PSB. Further information is available from:

The Secretary

Professional Standards Board for Patent and Trade Marks Attorneys

PO Box 200

Woden ACT 2606

telephone +61 2 6283 2345

fax +61 2 6285 1048

email mail.psb@ipaustralia.gov.au

www.psb.gov.au

Exemptions are generally not granted for subjects not primarily directed to Australian law.

Course duration and attendance

The course can be completed in a minimum of one semester of full-time or one year of part-time study (timetabling restrictions apply). Most subjects within this course can be studied by distance online and require no on-campus attendance. All lectures, tutorials, course materials and assessments are distributed by a combination of web-based technology and electronic media. Students conduct all communication with the lecturer by electronic means. A number of subjects are concurrently offered in traditional face-to-face, oncampus format.

Course structure

The course requires completion of 24 credit points of subjects. Subjects are timetabled annually, but not all subjects are offered every semester. The current timetable can be found at:

http://timetable.uts.edu.au

Course completion requirements

CBK90712 Choice

24cp Total 24cp

Transfer between UTS courses

Subjects undertaken within the Graduate Certificate in Trade Mark Law and Practice (C11130) (see page 445) are recognised within the Graduate Certificate in Intellectual Property (C11229) (see page 466). Students enrolled in C11130 may apply to internally transfer to this course. Candidates are not awarded the Graduate Certificate in Trade Mark Law and Practice but subjects undertaken are applied towards this graduate certificate.

Professional recognition

Subject to final board approval, where applicants have a requisite tertiary qualification as stipulated by the Professional Standards Board for Patent and Trade Marks Attorneys, this course satisfies the educational requirements necessary for registration as a trade marks attorney in Australia.

Other information

Further information for future students is available from:

telephone +61 2 9514 3660

email law@uts.edu.au

Further information for current students is available from: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C11230v1 Graduate Certificate in Pharmaceutical Sciences

Award(s): Graduate Certificate in Pharmaceutical Sciences

[GradCertPharmSc] CRICOS code: 075570A

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5

Note(s)

This is an exit-only course. There is no direct admission to it. Current UTS students may be able to transfer into this course. Check with your faculty.

Overview

Transfer is for students enrolled in the Master of Pharmacy (C04252)

Course completion requirements

96001	Introduction to Pharmacy	6ср
96002	Concepts in Pharmaceutical Sciences	6cp
96003	Pharmaceutics	6ср
96004	Professional Services 1	6ср
		Total 24cp

Exit award

This in an exit-only course for students enrolled in the Master of Pharmacy (C04252) (see page 376). Direct entry is not available.

Other information

For further information, contact UTS: Pharmacy: email pharmacy@uts.edu.au www.pharmacy.uts.edu.au

C11232v1 Graduate Certificate in **Professional Legal Practice**

Award(s): Graduate Certificate in Professional Legal Practice

(GradCertProfLegalPrac)

UAC code: 942440 (Autumn semester), 942441 (distance) (Autumn

semesterl

CRICOS code: 077342G

Commonwealth-supported place?: No

Load credit points: 24 Course EFTSL: 0.5 Location: City campus

Overview

The Graduate Certificate in Professional Legal Practice allows students to complete the practical legal training (PLT) requirements necessary for admission by the Supreme Court of NSW to practise as a lawyer. The UTS PLT program is accredited by the Legal Profession Admission Board (LPAB) of the Supreme Court of NSW and offers students a university-standard level of teaching, involving interactive exercises such as practice courts, simulated practice transactions and skills training.

Career options

Career options include lawyer, provided graduates have fulfilled all other academic requirements.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate studies.

For this course the equivalent qualification required is a bachelor's degree in law, the Juris Doctor, LPAB Diploma in Law, or a law qualification from an overseas jurisdiction. Lawyers with overseas law qualifications should consult with the LPAB for admission purposes in order to practice law in NSW. Admission is at the discretion of the associate dean (teaching and learning).

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Credit recognition

Students studying this course are given credit recognition for CBK90399 Law Options. This means students need to complete STM90792 Core subjects (18cps), including 75411 Practical Experience subject (0cp), in order to fulfil the course requirements.

Credit is not given where students enter the course on completion of the LPAB Diploma in Law.

Course duration and attendance

The course can be completed in one semester of full-time or one year of part-time study, plus 16 weeks of full-time (or equivalent part-time) approved practical experience.

Further information regarding completion requirements is available from the practical experience guidelines and rules at:

www.law.uts.edu.au/practical/experience/rules

Students who elect to study by distance should refer to the individual subjects with regard to any requirement to attend on-campus intensive block classes.

Course structure

Students complete 24 credit points of subjects, plus 16 weeks of full-time (or equivalent part-time) practical experience.

Industrial training/professional practice

A practical experience work placement is a compulsory and integral component of the course. Practical experience requires students to complete 16 weeks of full-time (or equivalent part-time) practical experience work placement. Students must complete their practical experience work placement within two-and-a-half years of enrolling in 75411 Practical Experience. Further information about the practical experience component of the course can be found at:

www.law.uts.edu.au/practical

Course completion requirements

STM90792 Core subjects	•	18cp
CBK90399 Law options		6cp
-		Total 24cp

Course program

All subjects are timetabled each semester. The current timetable can be found at:

http://timetable.uts.edu.au

Full time, Autumn or Spring commencing

Year 1

Autumn or Spring semester

Select 6 credit points of options

	3	
75424	Legal and Professional Skills	6ср
75422	Transactional Practice	6cp
75423	Litigation and Estate Practice	6cp
75411	Practical Experience	0cp

Part time, Autumn or Spring commencing

Year 1

Autumn or Spring semester

75424	Legal and Professional Skills		6ср
Select one	of the following:		6ср
75422	Transactional Practice	6ср	
75423	Litigation and Estate Practice	6cp	

Year 2

Autumn or Spring semester

C.1	. C. (1 C. 11 t		
Select one	of the following:		6ср
75423	Litigation and Estate Practice	6ср	
75422	Transactional Practice	6ср	
75411	Practical Experience	-	0cp
Select 6 credit points of options		6ср	

Professional recognition

This course satisfies the requirements for admission as a lawyer to the Supreme Court of NSW.

Other information

Further information for students is available from:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

C08002v1 Bachelor of Teaching in Secondary Education

Award(s): Bachelor of Teaching in Secondary Education (BTeach)
UAC code: 942252 (LOTE CSP) (Autumn semester), 942260 (English CSP)
(Autumn semester), 942262 (Mathematics CSP) (Autumn semester),
942264 (Science CSP) (Autumn semester), 942266 (Visual Arts CSP)
(Autumn semester), 942268 (Personal Development, Health and Physical
Education CSP) (Autumn semester), 942272 (Mathematics/Science CSP)
(Autumn semester), 942278 (English/History CSP) (Autumn semester),
942280 (Commerce, Business Studies and Economics CSP) (Autumn semester)

CRICOS code: 057880C

Commonwealth-supported place?: Yes

Load credit points: 144 Course EFTSL: 3

Location: Kuring-gai campus

Note(s)

This is a graduate-entry degree only.

Overview

This graduate-entry teacher education preparation course provides students with a qualification to teach in secondary schools. Students who have both the required undergraduate degree and specialisation subjects can complete the course in one year of full-time intensive study. The course is offered in a range of specialist areas.

The course consists of three components of study. The professional studies component is available in each of the specialisation areas and aims to develop the professional knowledge, skills and values needed by an effective educator in students' key learning areas. The education studies component provides research-based studies of educational theory and practice as a basis for professional decision-making in the school context. These subjects draw upon the foundation education disciplines of psychology, sociology and philosophy, as well as addressing the education of students with special needs. The professional experience component includes both campus-based and field-based experiences.

This course is a secondary school teaching preparation course. It is suitable for students about to graduate with a bachelor's degree and for mature-aged graduates who are changing careers and want a teaching qualification. It includes an intensive professional experience program where students spend up to 10 weeks in practical experience teaching and offers extensive, structured and closely supported experiences of secondary school teaching in different settings. The course has the flexibility to enable students who have most but not all the required undergraduate specialisation subjects to undertake the additional required subjects as part of the degree.

6ср

108cp

6ср

6ср

Course aims

The course aims to produce students who:

- are able to teach in a secondary school setting
- are reflective in their practice
- are able to adapt to the changing nature of teaching
- have well-developed interpersonal skills
- are keen to put current developments in learning and teaching into practice, and
- have a commitment to lifelong learning.

Career options

Career options include secondary school teaching in the chosen specialisations.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree in a relevant discipline at an appropriate level.

The English proficiency requirement for international students or $local \, applicants \, with \, international \, qualifications \, is: A cademic \, IELTS: \,$ 7.5 overall, with a minimum of 8.0 in both the speaking and listening modules, and a reading and writing score of 7.0; or TOEFL: paper based: 610-633 overall with TWE of 5.0, internet based: 102-109 overall with a writing score of 24; or DEEP: A; or PTE: 73-78; or CAE: 74-79. $The \, English \, language \, requirements \, for \, the \, LOTE \, major \, are : A cademic \,$ IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: B; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Applications

Local students

Local students apply through the Universities Admissions Centre.

International students

International students apply through UTS International.

Credit recognition

Previous study is assessed at the time of application to determine whether completed study satisfies the subject specialisation requirement. Students who have both the required undergraduate degree and specialisation subjects receive 72 credit points in credit recognition. Students who receive less than the maximum 72 credit points in credit recognition are required to complete additional subjects in the specialisation areas. UTS assesses this after an application has been submitted.

Applicants can view the subject requirements for teacher accreditation set by the NSW Institute of Teachers (NSWIT) for each teaching area at: www.nswteachers.nsw.edu.au/Teaching-in-NSW.html

Course duration and attendance

The course can be completed in one year of full-time intensive or part-time equivalent study. Students attend in weekly and/or block mode. Some subjects begin in the week before the start of semester.

Course structure

The total course requirement is 144 credit points comprising a maximum 72 credit points in credit recognition and 72 credit points made up of 14 core subjects, including two practicum-based subjects.

Course completion requirements

STM90640 Core subjects (Secondary Education) 36ср 108cp CBK90775 Major choice Total 144cp

Course program

Following the list of majors, example programs are given for each major based on a student receiving the maximum 72 credit points in credit recognition and undertaking one year of full-time intensive study.

List of majors	
MAJ07058 Mathematics	108cp
MAJ07059 Visual Arts	108cp
MAJ07060 Personal Development, Health and Physical	
Education	108cp
MAJ07061 Science	108cp
MAJ07063 English	108cp
MAJ07064 Mathematics/Science	108cp
MAJ07068 English/History	108cp
MAI07070 Commerce, Business Studies and Economics	108cp

Commerce, Business Studies and Economics major

The Psychology of Adolescent Learning

MAJ07062 Languages other than English

The Secondary School

013005

013001

Autumn semester

013039	Commerce, Business Studies and Economics Teaching Methods 1	6ср
013042	Commerce, Business Studies and Economics	
013008	Teaching Methods 3 The Socio-cultural Contexts of Secondary	6ср
013008	Education	3ср
May sessi	on	
013401	Professional Experience and Classroom	(
	Management 1	6ср
July sessi	on	
013004	Issues in Indigenous Australian Education	Зср
Spring se	mester	
013006	Educating Students with Special Needs	6ср
013007	Professional Learning Portfolio	6ср
013408	Designing Learning for a Digital Generation	6ср
013051	Commerce, Business Studies and Economics Teaching Methods 2	6ср
013054	Commerce, Business Studies and Economics	оср
	Teaching Methods 4	6ср
August se	ession	
013402	Professional Experience and Classroom	
	Management 2	6ср

English major

Year 1

Autumn semester

6ср
6ср
6ср
6ср
_
Зср

May sess	sion	
013401	Professional Experience and Classroom	
	Management 1	6ср
July sess	sion	

013004 Issues in Indigenous Australian Education Spring semester

Op9 50	mester	
013006	Educating Students with Special Needs	6ср
013007	Professional Learning Portfolio	6ср
013408	Designing Learning for a Digital Generation	6ср
013053	English Teaching Methods 2	6ср
013069	English Teaching Methods 4	6ср

August session

013402 Professional Experience and Classroom Management 2 6ср

English/History major

Year 1

Autumn	semester	
013005	The Secondary School	6ср
013001	The Psychology of Adolescent Learning	6ср
013041	English Teaching Methods 1	6ср
013045	History Teaching Methods 1	6ср
013008	The Socio-cultural Contexts of Secondary	-
	Education	3ср

3ср

May sess 013401			May sess 013401		
013401	Professional Experience and Classroom Management 1	6ср	013401	Professional Experience and Classroom Management 1	6ср
July sess 013004	ion Issues in Indigenous Australian Education	Зср	July sess 013004	sion Issues in Indigenous Australian Education	Зср
Spring se	· ·	1	Spring s	<u>o</u>	1
013006	Educating Students with Special Needs	6ср	013006	Educating Students with Special Needs	6ср
013007	Professional Learning Portfolio	6ср	013007	Professional Learning Portfolio	6cp
013408	Designing Learning for a Digital Generation	6cp	013408	Designing Learning for a Digital Generation	6cp
013053	English Teaching Methods 2	6cp	013059	Mathematics Teaching Methods 2	6ср
013057	History Teaching Methods 2	6ср	013061	Science Teaching Methods 2	6ср
August s			August s		
013402	Professional Experience and Classroom	(013402	Professional Experience and Classroom	(
	Management 2	6ср		Management 2	6ср
	ges other than English major		Persona major	al Development, Health and Physical Educatio	n
Year 1			Year 1		
013005	semester The Secondary School	6cn		semester	
013003	The Psychology of Adolescent Learning	6ср 6ср			
013046	Language Teaching Methods 1	6ср	013005 013001	The Secondary School The Psychology of Adolescent Learning	6cp
013064	Language Teaching Methods 3	6ср	013001	Personal Development, Health and Physical	6ср
013008	The Socio-cultural Contexts of Secondary	1	013040	Education Teaching Methods 1	6ср
	Education	Зср	013066	Personal Development, Health and Physical	(
May sess			013008	Education Teaching Methods 3 The Socio-cultural Contexts of Secondary	6ср
013401	Professional Experience and Classroom Management 1	6ср		Education	Зср
luly socs		оср	May sess	sion	
July sess 013004	Issues in Indigenous Australian Education	3cn	013401	Professional Experience and Classroom	
		Зср		Management 1	6ср
Spring se			July sess	sion	
013006	Educating Students with Special Needs	6cp	013004	Issues in Indigenous Australian Education	3ср
013007 013408	Professional Learning Portfolio Designing Learning for a Digital Generation	6cp	Carina c	ğ.	1
013058	Language Teaching Methods 2	6ср 6ср	Spring s		(
013070	Language Teaching Methods 4	6ср	013006 013007	Educating Students with Special Needs Professional Learning Portfolio	6cp
		ocp	013408	Designing Learning for a Digital Generation	6ср 6ср
August s			013060	Personal Development, Health and Physical	оср
013402	Professional Experience and Classroom Management 2	6cn	010000	Education Teaching Methods 2	6ср
		6ср	013072	Personal Development, Health and Physical	
Mathem	atics major		A	Education Teaching Methods 4	6ср
Year 1			August s 013402	Professional Experience and Classroom	
Autumn s	semester		013402	Management 2	6ср
013005	The Secondary School	6ср			ocp
013001	The Psychology of Adolescent Learning	6cp	Science	major	
013047	Mathematics Teaching Methods 1	6ср	Year 1		
013065	Mathematics Teaching Methods 3	6ср	_		
013008	The Socio-cultural Contexts of Secondary	2		semester	
	Education	Зср	013005	The Secondary School	6cp
May sess	ion		013001	The Psychology of Adolescent Learning	6cp
013401	Professional Experience and Classroom		013049	Science Teaching Methods 1	6cp
	Management 1	6ср	013067 013008	Science Teaching Methods 3 The Socio-cultural Contexts of Secondary	6ср
July sess	ion		013000	Education	Зср
013004	Issues in Indigenous Australian Education	3ср	May sess	sion	1
Spring se	emester		013401	Professional Experience and Classroom	
013006	Educating Students with Special Needs	6ср	010101	Management 1	6ср
013007	Professional Learning Portfolio	6ср		· ·	ocp
013408	Designing Learning for a Digital Generation	6ср	July sess		
013059	Mathematics Teaching Methods 2	6ср	013004	Issues in Indigenous Australian Education	Зср
013071	Mathematics Teaching Methods 4	6ср	Spring s	emester	
August s	ession		013006	Educating Students with Special Needs	6ср
013402	Professional Experience and Classroom		013007	Professional Learning Portfolio	6ср
	Management 2	6ср	013408	Designing Learning for a Digital Generation	6ср
Matham		1	013061 013073	Science Teaching Methods 2 Science Teaching Methods 4	6ср 6ср
	atics/Science major		August s		оср
Year 1			013402	Professional Experience and Classroom	
	semester	_		Management 2	6ср
013005	The Secondary School	6ср		-	•
013001	The Psychology of Adolescent Learning	6cp			
013047 013049	Mathematics Teaching Methods 1	6cp			
013049	Science Teaching Methods 1 The Socio-cultural Contexts of Secondary	6ср			
010000	Education	3ср			
	The state of the s	r			

Visual Arts major

Year 1

Autumn	semester
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013005 013001 013050 013068 013008	The Secondary School The Psychology of Adolescent Learning Visual Arts Teaching Methods 1 Visual Arts Teaching Methods 3 The Socio-cultural Contexts of Secondary Education	6cp 6cp 6cp 6cp
May sessi	on	
013401	Professional Experience and Classroom Management 1	6ср
July sessi	on	
013004	Issues in Indigenous Australian Education	3ср
Spring se	mester	
013006 013007 013408 013062 013074	Educating Students with Special Needs Professional Learning Portfolio Designing Learning for a Digital Generation Visual Arts Teaching Methods 2 Visual Arts Teaching Methods 4	6cp 6cp 6cp 6cp 6cp
August se	ssion	
013402	Professional Experience and Classroom Management 2	6ср

Professional recognition

This course has received professional accreditation by the NSWIT as a recognised secondary school teaching qualification. To gain employment as a teacher in NSW schools, graduands must meet the requirements of the NSWIT, including language proficiency.

Other information

Further information is available from UTS: Education at:

www.education.uts.edu.au

Local and current students:

telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

Future international students:

telephone 1800 774 816 (freecall within Australia)

 $+61\ 3\ 9627\ 4816$ (from outside Australia)

www.uts.international student.info/Register.aspx

POSTGRADUATE RESEARCH COURSES

C02001v2 Doctor of Philosophy

Award(s): Doctor of Philosophy (PhD) CRICOS code: 032316D Course EFTSL: 4

Location: City campus

Note(s)

Research degrees are offered on a sponsored, scholarship, faculty part-sponsored or full-fee-paying basis. Contact a UTS Student Centre or the UTS: Graduate Research School for further details.

Overview

The PhD is a University-wide degree which involves an intense period of supervised study and research, culminating in the submission of a thesis. The degree is awarded to candidates who, through original investigation, make a distinct and significant contribution to knowledge in their field of specialisation.

Admission requirements

Applicants must have completed a UTS recognised master's by research or bachelor's degree with first or second class honours (division 1), or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is four years of full-time or eight years of part-time study. Students can complete the course in less than the maximum time.

Course structure

Candidates are required to complete a thesis, under the supervision of appropriate members of academic staff. A formal course of study or other work may also be prescribed.

Candidates are required to submit, in consultation with their supervisor(s), a progress report at the end of each semester, and to complete a doctoral assessment and seminar.

Candidates are also invited to participate in other research activities.

Course completion requirements

Select one of the following:

13907 PhD Thesis: Architecture 17900 PhD Thesis: Built Environment

81000 PhD Thesis: Design

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

or from the UTS: Graduate Research School on:

telephone +61 2 9514 1336 email ugs@uts.edu.au www.gradschool.uts.edu.au

C02018v3 Doctor of Philosophy

Award(s): Doctor of Philosophy (PhD)

CRICOS code: 036570B Course EFTSL: 4 Location: City campus

Note(s)

Research degrees are offered on a sponsored, scholarship, faculty part-sponsored or full-fee-paying basis. Contact UTS: Engineering or the UTS: Graduate Research School for further details.

Overview

The PhD is a University-wide degree which involves an intense period of supervised study and research, culminating in the submission of a thesis. The degree is awarded to candidates who, through original investigation, make a distinct and significant contribution to knowledge in their field of specialisation.

The faculty's policy is one of close interaction with industry and the profession, and of seeking to contribute directly to the advancement of Australian engineering practice. Applied research programs and studies involving a direct relationship with industry are strongly encouraged. The majority of research conducted by faculty staff is supported by industry sources.

Career options

Career options include positions in universities and other institutions undertaking research or other academic work including teaching. Opportunities involving research and development also exist with national and international firms.

Admission requirements

Applicants must have completed a UTS recognised master's by research or bachelor's degree with first or second class honours (division 1), or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.0 overall with a writing score of 6.0; or TOEFL: paper based: 500-549 overall with TWE of 4.5, internet based: 60-78 overall with a writing score of 21; or DEEP: C; or PTE: 50-57; or CAE: 52-57

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances

Course duration and attendance

The maximum course duration is four years of full-time or eight years of part-time study. Students can complete the course in less than the maximum time.

The work may be carried out either on University premises or at a site external to the University, or some combination of both. Candidates may commence their studies from January or July in any given year.

Course structure

Candidates are required to complete a thesis, under the supervision of appropriate members of academic staff. A formal course of study or other work may also be prescribed.

There are three specific stages to the doctoral program to frame and support the progress of the candidate and their study.

The doctoral program includes the formalisation and/or introduction of a number of introductory and advanced modules, including subjects covering research preparation and research methods, to support the research and professional development of the student.

Research student progress is supported and reviewed through a doctoral study plan (DSP). Students design their own DSP in consultation with their supervisor(s). In the first stage, the DSP is based on the student's academic and professional background and his or her goals. The second and third stages are based on the progress

of his or her study. Candidates are assessed prior to advancing to the next stage of their candidature and submit, in consultation with their supervisor(s), a review of progress at the end of each semester.

Course completion requirements

49986 PhD Thesis: Engineering

Transfer between UTS courses

Transfer from a research master's degree program may be offered on application.

Other information

Further information is available from the Faculty of Engineering and Information Technology Research and Development Office on:

telephone +61 2 9514 2686

email research@eng.uts.edu.au

www.eng.uts.edu.au

C02019v3 Doctor of Philosophy

Award(s): Doctor of Philosophy (PhD) CRICOS code: 014627E Course EFTSL: 4 Location: City campus

Note(s

Research degrees are offered on a sponsored, scholarship, faculty part-sponsored or full-fee-paying basis. Contact UTS: Communication or the UTS: Graduate Research School for further details.

Overview

The PhD is a University-wide degree which involves an intense period of supervised study and research, culminating in the submission of a thesis. The degree is awarded to candidates who, through original investigation, make a distinct and significant contribution to knowledge in their field of specialisation.

Career options

The research degrees offered by UTS: Communication are especially valuable for those wishing to pursue an academic career, a career in research or an advanced level of professional practice.

Admission requirements

Applicants must have completed a UTS recognised master's by research or bachelor's degree with first or second class honours (division 1), or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Selection criteria also include the quality of the research proposal, the faculty's ability to offer appropriate supervision in the applicant's chosen field, and, where necessary, demonstration of generic technical skills

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: A; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is four years of full-time or eight years of part-time study.

Course structure

This research degree is undertaken wholly by thesis. A PhD thesis is normally a work of 80,000-100,000 words. Coursework subjects may be prescribed according to individual student requirements. While the doctoral thesis is normally written in dissertation style, candidates may, if they wish, illustrate their argument by also submitting film, video, sound/audio, photography or other formats. Applicants

should contact the research degrees administrator for further information about non-traditional formats for thesis presentation.

The Doctor of Philosophy is structured in three phases. Phase 1 involves the development of a number of advanced research skills and capabilities. At the beginning of the program, each student negotiates a doctoral study plan with their supervisor. This plan makes explicit the kinds of support each student requires. A formal doctoral assessment is undertaken at the end of Phase 1 in which the candidates present a full proposal for assessment, which is a prerequisite for entering Phase 2.

In Phase 2, students develop their individual program of research, culminating in Phase 3 in the preparation and submission of a major thesis which makes a sustained contribution to knowledge in their field of inquiry.

Research and development activities are provided throughout the three phases to assist students to develop the capabilities of a successful doctoral graduate.

Course completion requirements

51991 PhD Thesis: Humanities and Social Sciences

Other information

Further information is available from the research degrees administrator:

email Juleigh.Slater@uts.edu.au

C02020v2 Doctor of Creative Arts

Award(s): Doctor of Creative Arts (DCA) CRICOS code: 014625G Course EFTSL: 4 Location: City campus

Note(s)

Research degrees are offered on a sponsored, scholarship, faculty partsponsored or full-fee-paying basis. Contact UTS: Communication or the UTS: Graduate Research School for further details.

While UTS: Communication may be in a position to provide access to media production facilities for DCA candidates, it provides neither training in the use of those facilities nor the cost of materials.

Overview

The Doctor of Creative Arts (DCA) is for graduates who have a significant record of achievement in the media and the creative arts and who want to undertake substantial research in the areas of media and creative production.

Career options

The research degrees offered by UTS: Communication are especially valuable for those wishing to pursue an academic career, a career in research or an advanced level of professional practice.

Admission requirements

Applicants must have completed a UTS recognised master's by research or bachelor's degree with first or second class honours (division 1), or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Selection criteria also include the quality of the applicant's portfolio of published, screened, exhibited or broadcast creative work, the quality of the research proposal, the faculty's ability to offer appropriate supervision in the applicant's chosen field, and, where necessary, demonstration of generic technical skills.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: A; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is four years of full-time or eight years of part-time study.

Course structure

The work produced for this degree is of equivalent intellectual scope and level to a PhD, but is presented in non-traditional formats. Coursework subjects may be prescribed according to individual student requirements. The substantial creative work should be the equivalent of a 50,000-70,000-word written work, accompanied by a 30,000-word dissertation.

The doctoral program is structured in three phases. Phase 1 involves the development of a number of advanced research skills and capabilities. At the beginning of the program, each student negotiates a doctoral study plan with their supervisor. This plan makes explicit the kinds of support each student requires. A formal doctoral assessment is undertaken at the end of Phase 1 in which the candidates present a full proposal for assessment, which is a prerequisite for entering Phase 2. In Phase 2, students develop their individual program of research, culminating in Phase 3 in the preparation and submission of a dissertation which makes a sustained contribution to knowledge in their field of inquiry.

Research and development activities are provided throughout the three phases to assist students to develop the capabilities of a successful doctoral graduate.

Course completion requirements

51992 Doctoral Project

Other information

Further information is available from the research degrees administrator:

email Juleigh.Slater@uts.edu.au

C02024v3 Doctor of Philosophy

Award(s): Doctor of Philosophy (PhD)

CRICOS code: 032320G Course EFTSL: 4 Location: City campus

Note(s)

Research degrees are offered on a research training scheme, scholarship or full-fee-paying basis (international). Contact UTS: Health or the UTS Graduate Research School for further details.

Overview

The Doctor of Philosophy is a research degree requiring an original and significant contribution to knowledge in a defined field of study. It is the traditional path for those wishing to assume leadership positions in research.

This course assists students to complete original research that contributes to knowledge in their field within an international context. Research at UTS takes place in a dynamic and outcomes-oriented environment. The University attracts students who want to develop their knowledge and expertise within a professional and stimulating framework. When students enrol, they become part of a lively and vigorous research culture, working closely with academic staff and health industry partners.

Career options

This degree prepares nurses, midwives and health service professionals for leadership positions in teaching, management and research. Opportunities are not limited to Australia and there is the possibility of developing a career on an international level.

Admission requirements

Applicants must have completed a UTS recognised master's by research or bachelor's degree with first or second class honours (division 1), or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Applicants are also required to submit a research proposal and have the agreement of a suitable supervisor at the time of application.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609

overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is four years of full-time or eight years of part-time study.

All research students are expected to attend the twice-yearly Research Student Symposia and are required to present a seminar during these weeks, twice a year for full-time students and once a year for part-time students.

Course structure

Students undertake a research project that may be in a professional or clinical area of the student's choice, or may be of a theoretical nature, addressing gaps in knowledge related to policy or practice. Students choose from a variety of research methodologies with the research approach being determined by the nature of the research undertaken. The research culminates in the production of a thesis for examination. Students are required to undertake a candidature assessment at the end of the first two semesters for full-time students, and at the end of the first three semesters for part-time students. Students work closely with a principal supervisor and a supervisory panel and are required to report on their progress each semester.

Course completion requirements

Select one of the following:

92984 PhD Thesis: Nursing 93000 PhD Thesis: Midwifery 93001 PhD Thesis: Health

93007 PhD Thesis: Sport and Exercise

Other information

Further information is available from:

Research administration officer telephone +61 2 9514 4834

 $email\ nmhresearch. Students Admin@uts.edu.au$

and from the UTS Graduate Research School:

www.gradschool.uts.edu.au

C02027v5 Doctor of Juridical Science

Award(s): Doctor of Juridical Science (SJD)

CRICOS code: 001126M Course EFTSL: 4 Location: City campus

Overview

This course combines coursework subjects and completion of a thesis. Candidates develop their doctoral topic through the coursework component. The SJD is awarded to candidates who successfully complete their coursework and, through their thesis, make an original and distinct contribution to knowledge in their field of specialisation.

This program was the first professional doctorate of its kind in Australia. It counters the isolation experienced by many PhD candidates by providing a combination of postgraduate coursework subjects and a thesis, and allows candidates to benefit from contact with coursework students and UTS: Law academic staff. This degree is valuable for an academic or professional career.

Career options

Career options include positions in universities, undertaking research, contributions to public policy, or other academic work including teaching, submissions to think tanks and interest groups and legal publishing.

Admission requirements

Applicants must have completed a UTS recognised master's by research or bachelor's degree with first or second class honours (division 1), or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Support for the project, availability of supervision, availability of places, legal knowledge and experience, evidence of research capacity in a relevant discipline and the applicant's overall abilities and experience are all taken into account.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Applications

Applicants must submit a research proposal at the point of application. Once final approval is obtained for a research proposal, the topic cannot be changed except with the approval of the University.

Detailed information about the application process can be found at: www.research.uts.edu.au/future-students

Credit recognition

Students who have successfully completed the Juris Doctor (C04236) (see page 354) at UTS and have completed 6 credit point Master of Laws (C04143) (see page 328) equivalent subjects within the Juris Doctor, may apply for these subjects to be credited towards this course, up to a maximum of 18 credit points. Such students have this credit applied towards, and must complete, Options (CBK90419), contained within Options (Law) (CBK90400).

Course duration and attendance

The maximum course duration is four years of full-time or eight years of part-time study.

There are no attendance requirements once the coursework component is completed. The dissertation component may be carried out either on University premises or at a site external to the University, or some combination of both. However, candidates are required to make contact with their supervisor(s) at least once a month to discuss the progress of their dissertation. UTS: Law recommends that candidates spend no longer than one-third of the maximum course duration on the coursework subject component and no less than two-thirds of the maximum course duration on the dissertation component.

Course structure

The course requires completion of five 8-credit-point postgraduate coursework subjects, the subject 77697 Higher Degree Research Seminar and a dissertation of approximately 50,000–70,000 words. For a current listing of subjects in each course refer to the study package directory.

While the SJD thesis may be shorter than a PhD thesis, taking account of the coursework component, it is expected to exhibit the same level of originality, criticism and intellectual rigour normally associated with a PhD thesis.

The candidate is required to undertake all assessments as part of the Faculty's Doctoral Framework three-stage program. Within the first stage candidates must complete a formal candidature assessment. In the second stage candidates must complete a progress confirmation assessment to ensure their progress is consistent with completion of the research program in the prescribed time and demonstrates potential to complete the work to standard. Doctoral candidates are required to make an oral presentation of their dissertation six months prior to submission of their dissertation for examination.

Information on UTS: Law's key research areas and strengths, and the research interests of staff members, is available at postgraduate research degrees (see page 101).

Course completion requirements

77688 Doctoral Dissertation (SJD)

Select 48 credit points from the following options:		48cp
MAJ09390 Corporate and Commercial Law	24cp	- 1
MAJ09392 International Law	24cp	
CBK90400 Options (Law)	24cp	
CBK90412 Options B	24cp	
MAJ09400 Intellectual Property	24cp	
MAJ09410 Global Business Law	24cp	
MAJ09425 Dispute Resolution	24cp	

Course program

As part of this course, students must complete the subject 77697 Higher Degree Research Seminar.

Candidates may choose to complete one or two majors and the subject 77697 Higher Degree Research Seminar can be counted as part of any one of their major(s). Alternatively, students can choose not to major in a particular area and instead choose subjects from across any major areas of study.

The coursework subjects and 77697 Higher Degree Research Seminar must be completed before the dissertation is commenced as the subjects provide the basis of the research for the dissertation.

List of majors

List of filajors	
MAJ09390 Corporate and Commercial Law	24cp
MAJ09425 Dispute Resolution	24cp
MAJ09392 International Law	24cp
MAJ09400 Intellectual Property	24cp
MAJ09410 Global Business Law	24cp

Other information

Further information is available from the faculty research officer:

telephone +61 2 9514 3753

fax +61 2 9514 3400

email law.research@uts.edu.au

www.law.uts.edu.au

Applicants are encouraged to visit the UTS: Graduate Research School website at:

www.gradschool.uts.edu.au

C02028v5 Doctor of Philosophy

Award(s): Doctor of Philosophy (PhD)

CRICOS code: 008681E Course EFTSL: 4 Location: City campus

Overview

The PhD is a University-wide degree which involves an intense period of supervised study and research, culminating in the submission of a thesis. The PhD is awarded to candidates who make an original and distinct contribution to knowledge in their field of specialisation.

This degree is particularly valuable for students wishing to pursue a career in research or academia.

Career options

Career options include positions in universities, undertaking research, contributions to public policy, or other academic work including teaching, submissions to think tanks and interest groups and legal publishing.

Admission requirements

Applicants must have completed a UTS recognised master's by research or bachelor's degree with first or second class honours (division 1), or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Support for the project, availability of supervision, availability of places, evidence of research capacity in a relevant discipline and the applicant's overall abilities and experience are all taken into account.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Applications

Applicants must submit a research proposal at the point of application. Once final approval is obtained for a research proposal, the topic cannot be changed except with the approval of the University.

Detailed information about the application process can be found at: www.research.uts.edu.au/future-students

Course duration and attendance

The maximum course duration is four years of full-time or eight years of part-time study. Students can complete the course in less than the maximum time.

The work may be carried out either on University premises or at a site external to the University, or some combination of both. Candidates are required to make contact with their supervisor(s) at least once a month to discuss the progress of their research.

Course structure

Candidates are required to submit a dissertation of approximately 100,000 words. As part of this course, students must also complete the subject, 77697 Higher Degree Research Seminar.

The candidate is required to undertake all assessments as part of the Faculty's Doctoral Framework three-stage program. Within the first stage candidates must complete a formal candidature assessment, and within the second stage candidates must complete a progress confirmation assessment, to ensure their progress is consistent with completion of the research program in the prescribed time and demonstrates potential to complete the work to standard. Doctoral candidates are required to make an oral presentation of their dissertation six months prior to submission of their dissertation for examination

Information regarding UTS: Law's key research areas and strengths, and the research interests of staff members, is available at postgraduate research degrees (see page 101).

Course completion requirements

77696 PhD Thesis: Law

77697 Higher Degree Research Seminar 8cp

Other information

Further information is available from the faculty research officer:

telephone +61 2 9514 3753

fax +61 2 9514 3400

email law.research@uts.edu.au

www.law.uts.edu.au

Applicants are encouraged to visit the UTS: Graduate Research School website at:

www.gradschool.uts.edu.au

C02029v4 Doctor of Philosophy

Award(s): Doctor of Philosophy (PhD)

CRICOS code: 009469A Course EFTSL: 4 Location: City campus

Note(s)

Research degrees are offered on a sponsored, scholarship, faculty part-sponsored or full-fee-paying basis. Contact UTS: Information Technology or the UTS: Graduate Research School for further details.

Overview

The PhD is a University-wide degree which involves an intense period of supervised study and research, culminating in the submission of a thesis. The degree is awarded to candidates who, through original investigation, make a distinct and significant contribution to knowledge in their field of specialisation.

The course enables students to advance themselves in their career in computing and information technology. It offers flexibility in the

choice of topic of research so it may be closely aligned with students' professional careers.

Admission requirements

Applicants must have completed a UTS recognised master's by research or bachelor's degree with first or second class honours (division 1), or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Applicants' previous qualifications must have a major computing component. Before submitting a formal application for admission to this course, applicants should first seek the approval of a potential supervisor for their proposed research work.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.0 overall with a writing score of 6.0; or TOEFL: paper based: 500-549 overall with TWE of 4.5, internet based: 60-78 overall with a writing score of 21; or DEEP: C; or PTE: 50-57; or CAE: 52-57

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is four years of full-time or eight years of part-time study.

UTS: Information Technology has a strong preference for research work that proceeds at a full-time pace. However, this preference should not be seen as a deterrent to those students who wish to remain in employment. Students who are working full time are encouraged to select a topic for their research which is closely aligned with their professional work.

Course structure

There are three specific stages to the doctoral program to frame and support the progress of the candidate and their study.

The doctoral program includes the formalisation and / or introduction of a number of introductory and advanced modules, including subjects covering research preparation and research methods, to support the research and professional development of the student.

Research student progress is supported and reviewed through a doctoral study plan (DSP). Students design their own DSP in consultation with their supervisor(s). In the first stage the DSP is based on the student's academic and professional background and his or her goals. The second and third stages are based on the progress of his or her study. Candidates are assessed prior to advancing to the next stage of their candidature and submit, in consultation with their supervisor(s), a review of progress at the end of each semester. Candidates are required to submit a thesis for examination under the

Candidates are required to submit a thesis for examination under the supervision of their supervisor(s).

Course completion requirements

Select one of the following:

32986 PhD Thesis: Information Systems 33874 PhD Thesis: Software Engineering 32903 PhD Thesis: Analytics

32144 Technology Research Preparation 32931 Technology Research Methods

6ср 6ср

Other information

Further information is available from the UTS: Graduate Research School at:

telephone +61 2 9514 1336 www.gradschool.uts.edu.au

or from UTS: Information Technology at:

Research Administration Officer telephone +61 2 9514 4460

email Craig.Shuard@uts.edu.au

C02030v3 Doctor of Philosophy

Award(s): Doctor of Philosophy (PhD) CRICOS code: 009463G

Course EFTSL: 4 Location: City campus

Note(s)

Research degrees are offered on a sponsored, scholarship, faculty part-sponsored or full-fee-paying basis. Contact UTS: Science or the UTS: Graduate Research School for further details.

Overview

The PhD is a University-wide degree that involves an intense period of supervised study and research, culminating in the submission of a thesis. The degree is awarded to candidates who, through original investigation, make a distinct and significant contribution to knowledge in their field of specialisation.

The PhD provides an opportunity for graduates to acquire high-level research skills and substantially deepen their knowledge in an area of science.

Admission requirements

Applicants must have completed a UTS recognised master's by research or bachelor's degree with first or second class honours (division 1), or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Selection criteria for admission also include the quality of the research project proposal, the faculty's ability to offer appropriate supervision in the applicant's chosen field and, where necessary, demonstration of necessary technical skills.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is four years of full-time or eight years of part-time study.

Course structure

Candidates are required to complete a thesis, under the supervision of appropriate members of academic staff. A formal course of study or other work may also be prescribed.

Candidates are required to submit, in consultation with their supervisor(s), a progress report at the end of each semester, and to complete a doctoral assessment and seminar.

Course completion requirements

34980 PhD Thesis: Mathematics

Other information

Further information is available from:

Office of the Associate Dean (Research and Development)

telephone +61 2 9514 2490

fax +61 2 9514 1656

email science.research@uts.edu.au

C02031v3 Doctor of Philosophy

Award(s): Doctor of Philosophy (PhD)

CRICOS code: 008663G Course EFTSL: 4 Location: City campus

Note(s)

Research degrees are offered on a sponsored, scholarship, faculty part-sponsored or full-fee-paying basis. Contact UTS: Science or the UTS: Graduate Research School for further details.

Overview

The PhD is a University-wide degree that involves an intense period of supervised study and research culminating in the submission of a thesis. The degree is awarded to candidates who, through original investigation, make a distinct and significant contribution to knowledge in their field of specialisation.

The PhD provides an opportunity for graduates to acquire high-level research skills and substantially deepen their knowledge in an area of science.

Admission requirements

Applicants must have completed a UTS recognised master's by research or bachelor's degree with first or second class honours (division 1), or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Selection criteria for admission also include the quality of the research project proposal, the faculty's ability to offer appropriate supervision in the applicant's chosen field and, where necessary, demonstration of necessary technical skills.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances

Course duration and attendance

The maximum course duration is four years of full-time or eight years of part-time study.

Course structure

Candidates are required to complete a thesis, under the supervision of appropriate members of academic staff. A formal course of study or other work may also be prescribed.

Candidates are required to submit, in consultation with their supervisor(s), a progress report at the end of each semester, and to complete a doctoral assessment and seminar.

Course completion requirements

60986 PhD Thesis: Science

Other information

Further information is available from:

Office of the Associate Dean (Research and Development)

telephone +61 2 9514 2490

fax +61 2 9514 1656

email science.research@uts.edu.au

C02037v3 Doctor of Philosophy

Award(s): Doctor of Philosophy (PhD)

CRICOS code: 032334B Course EFTSL: 4 Location: City campus

Note(s)

Research degrees are offered on a sponsored, scholarship or full-feepaying basis. Contact the Institute for Sustainable Futures or the UTS: Graduate Research School for further details.

Overview

The PhD is a University-wide degree which involves an intense period of supervised study and research, culminating in the submission of a thesis. The degree is awarded to candidates who, through original investigation, make a distinct and significant contribution to knowledge in their field of specialisation. It is offered to both local and international students.

Graduates from the PhD have consistently achieved excellent examiners' reports from international leaders in their fields. Most have been eligible for the UTS Chancellor's Award, and several have been placed on the Chancellor's List.

Course aims

The institute aims to support students taking a trans-disciplinary or interdisciplinary approach to research while building on their existing expertise.

Admission requirements

Applicants must have completed a UTS recognised master's by research or bachelor's degree with first or second class honours (division 1), or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is four years of full-time or eight years of part-time study.

Course structure

This research degree is undertaken wholly by thesis.

Course completion requirements

95582 PhD Thesis: Sustainable Futures

Other information

Further information is available from the Institute for Sustainable Futures on:

telephone +61 2 9514 4950

email isf@uts.edu.au

www.isf.uts.edu.au

Applicants may also contact the UTS: Graduate Research School on:

telephone +61 2 9514 1336

email ugs@uts.edu.au

www.gradschool.uts.edu.au

C02039v3 Doctor of Philosophy

Award(s): Doctor of Philosophy (PhD)

CRICOS code: 043350M Course EFTSL: 4

Location: City campus and China

Note(s)

This course is only offered offshore. It is available in China. The language of tuition is English or Modern Standard Chinese.

Research degrees are offered on a sponsored, scholarship, faculty part-sponsored or full-fee-paying basis. Contact UTS: International Studies or the UTS: Graduate Research School for further details.

Overview

The PhD is a University-wide degree which involves an intense period of supervised study and research, culminating in the submission of a thesis. The degree is awarded to candidates who, through original investigation, make a distinct and significant contribution to knowledge in their field of specialisation.

The Faculty of Arts and Social Sciences has strong expertise in China studies. University rules allow for the submission of a thesis in a language other than English providing that specific conditions have been met.

Career options

The research degrees offered by UTS: International Studies are especially valuable for those wishing to pursue an academic career or a career in research.

Admission requirements

Applicants must have completed a UTS recognised master's by research or bachelor's degree with first or second class honours (division 1), or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Each applicant should, prior to application, discuss their proposed thesis topic with the UTS: International Studies research coordinator to determine whether supervision is possible.

In addition to completing the University's application form, PhD applicants must provide the following:

- evidence of their ability to undertake advanced original research, appropriate to the proposed doctoral program. This may include previous research at honours and/or master's level, experience as a research team member, or professional practice involving systematic inquiry or advanced scholarship. Applicants should include a list of their published work, if appropriate
- project proposal: the proposal is to be 1500-2000 words and should include a statement of the problem, research question or area of investigation; a discussion of the relevant literature; an outline of the methodological approach; and a justification of the importance of the research.

Information and application forms are available in English and Chinese.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: A; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The maximum course duration is four years of full-time or eight years of part-time study. Students can complete the course in less than the maximum time.

Students, in general, are not required to attend classes. However, regular contact is maintained with the supervisor(s) throughout the candidate's enrolment.

Candidates who are resident in China and who have difficulty travelling to Sydney can receive supervision in China through periodic visits by their supervisor, email contact and cooperation with a local university.

Course structure

The research degree is undertaken wholly by thesis. A doctoral thesis is normally a work of 80,000-100,000 words and is examined by three appropriate examiners, at least two of whom are external to UTS.

UTS: International Studies has the capacity to supervise theses in the fields of cultural diversity, social change, contemporary culture, politics, and modern history in China, Japan, Europe and the Americas.

The degree is structured in three phases. Phase 1 involves the development of a number of advanced research skills and capabilities. At the beginning of the program, each student negotiates a doctoral study plan with their supervisor. This plan makes explicit the kinds of support each student requires. A formal doctoral assessment is undertaken at the end of Phase 1 in which the candidates present a full proposal for assessment, which is a prerequisite for entering Phase 2.

In Phase 2, students develop their individual program of research, culminating in Phase 3 in the preparation and submission of a major thesis which makes a sustained contribution to knowledge in their field of inquiry.

Research and development activities are provided throughout the three phases to assist students to develop the capabilities of a successful doctoral graduate.

Course completion requirements

979105 PhD Thesis: International Studies

Other information

Further information is available from the research degrees administrator:

email ming.ling@uts.edu.au

C02041v4 Doctor of Philosophy

Award(s): Doctor of Philosophy (PhD) CRICOS code: 015943G Course EFTSL: 4 Location: City or Kuring-gai campuses

Note(s)

Research degrees are offered on a sponsored, scholarship, faculty part-sponsored or full-fee-paying basis. Contact UTS: Education or the UTS: Graduate Research School for further details.

Overview

The Doctor of Philosophy is designed to meet the needs of those who wish to pursue a career in research or academic life. In this program, candidates embark on high-level research in one of the areas of research strength within UTS: Education.

Admission requirements

Applicants must have completed a UTS recognised master's by research or bachelor's degree with first or second class honours (division 1), or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Previous qualifications must be in education or a related discipline. Applicants are required to provide UTS: Education with a copy of a previously completed thesis, piece of substantial academic writing or research report as part of their evidence of academic record. The research topic must be aligned with a research area of the faculty. The applicant must also provide an outline and background to the intended area of research, making a case for its significance and importance, and explaining its connection to a research area of the Faculty of Arts and Social Sciences.

Selection criteria includes the quality of the research proposal and the faculty's ability to offer appropriate supervision in the applicant's chosen field.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: A; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is four years of full-time or eight years of part-time study. Students can complete in less than the maximum time.

For all courses involving a major thesis there is provision for early submission of the thesis on application. A candidate who wishes to extend candidature must seek permission from the UTS: Graduate Research School Board.

Course structure

The course is structured in three phases. Phase 1 involves the development of a number of advanced research skills and capabilities. At the beginning of the program, each student negotiates a doctoral study plan with their supervisor. This plan makes explicit the kinds of support each student requires. A formal doctoral assessment is undertaken at the end of Phase 1 in which the candidate presents a full proposal for assessment, which is a prerequisite for entering Phase 2.

In Phase 2, students develop their individual program of research, culminating in Phase 3 in the preparation and submission of a major thesis which makes a sustained contribution to knowledge in their field of inquiry.

Research and development activities are provided throughout the three phases to assist students to develop the capabilities of a successful doctoral graduate in education.

Course completion requirements

019982 PhD Thesis: Education

Other information

Further information is available from the research degrees administrator:

email Margaret.McGrath@uts.edu.au

C02047v1 Doctor of Philosophy

Award(s): Doctor of Philosophy (PhD) CRICOS code: 058666A Course EFTSL: 4 Location: City campus

Note(s)

Research degrees are offered on a sponsored, scholarship, faculty part-sponsored or full-fee-paying basis. Contact UTS: Information Technology or the UTS: Graduate Research School for further details.

Overview

The PhD is a University-wide degree which involves an intense period of supervised study and research, culminating in the submission of a thesis. The degree is awarded to candidates who, through original investigation, make a distinct and significant contribution to knowledge in their field of specialisation.

The course enables students to advance themselves in their career in computing and information technology. It offers flexibility in the choice of topic of research so it may be closely aligned with students' professional careers.

Admission requirements

Applicants must have completed a UTS recognised master's by research or bachelor's degree with first or second class honours (division 1), or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Previous qualifications must have a major computing component. Applicants should first seek the approval of a potential supervisor for their proposed research work.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.0 overall with a writing score of 6.0; or TOEFL: paper based: 500-549 overall with TWE of 4.5, internet based: 60-78 overall with a writing score of 21; or DEEP: C; or PTE: 50-57; or CAE: 52-57

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying

on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is four years of full-time or eight years of part-time study.

UTS: Information Technology has a strong preference for research work that proceeds at a full-time pace. However, this preference should not be seen as a deterrent to those students who wish to remain in employment. Students who are working full time are encouraged to select a topic for their research which is closely aligned with their professional work.

Course structure

There are three specific stages to the doctoral program to frame and support the progress of the candidate and their study.

The doctoral program includes the formalisation and / or introduction of a number of introductory and advanced modules, including subjects covering research preparation and research methods, to support the research and professional development of the student.

Research student progress is supported and reviewed through a doctoral study plan (DSP). Students design their own DSP in consultation with their supervisor(s). In the first stage the DSP is based on the student's academic and professional background and his or her goals. The second and third stages are based on the progress of his or her study. Candidates are assessed prior to advancing to the next stage of their candidature and submit, in consultation with their supervisor(s), a review of progress at the end of each semester.

Candidates are required to submit a thesis for examination under the supervision of their supervisor(s).

Course completion requirements

33875	PhD Thesis: Computer Systems	
32144	Technology Research Preparation	6ср
32931	Technology Research Methods	6cp

Other information

Further information is available from the UTS: Graduate Research School at:

telephone +61 2 9514 1336 www.gradschool.uts.edu.au

or from UTS: Information Technology at:

Research Administration Officer telephone +61 2 9514 4460

email Craig.Shuard@uts.edu.au

C02048v3 Doctor of Philosophy

Award(s): Doctor of Philosophy (PhD) CRICOS code: 058221G

Location: City campus

Course EFTSL: 4

Note(s)

Research degrees are offered on a sponsored, scholarship or full-feepaying basis. Contact UTS: Business or the UTS: Graduate Research School for further details.

Overview

The PhD is a University-wide degree that involves an intense period of supervised study and research. The degree of Doctor of Philosophy is awarded to successful candidates who have made a distinct contribution to knowledge, whether by original investigation, review or criticism.

With accreditation from the Association to Advance Collegiate Schools of Business (AACSB) International, UTS Business School is one of a select few elite business schools worldwide. Many UTS Business School staff are leaders in their fields both academically and in industry, working as senior staff or consultants, or with strong links to major corporations.

The UTS Business School PhD program recognises that certain core skills are critical to the successful completion of world-class research. The PhD program provides the opportunity for candidates to receive training in advanced disciplinary and cross-disciplinary methods

which provide the basis on which candidates are able to build research capability. PhD students are supervised by a committee of three, with a chairperson normally located in the discipline most fundamental to the candidate's doctoral research. Interdisciplinary research is encouraged, and PhD committees can include researchers from cognate or other disciplines beyond where the candidate is located.

Career options

Career options include management-level positions in industry or government, and academic positions.

Admission requirements

Applicants must have completed a UTS recognised master's by research or bachelor's degree with first or second class honours (division 1), or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Previous qualifications must be in business or a related discipline. Each applicant is required, prior to application, to discuss a potential thesis area with the relevant school research coordinator who then advises whether appropriate supervisors and resources are available. Applicants are also required to submit a brief thesis proposal or statement of research interest with their application.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is four years of full-time or eight years of part-time study.

Course structure

Candidates are required to complete a thesis of approximately 50,000-70,000 words, under the supervision of a University-appointed supervisor. Candidates may also be required to undertake some coursework. During their candidature, students' progress is monitored via a doctoral assessment and regular progress reports.

Course completion requirements

Select one of the following:

21982 PhD Thesis: Management
22982 PhD Thesis: Accounting
24982 PhD Thesis: Marketing
23926 PhD Thesis: Economics
25927 PhD Thesis: Finance

Other information

Further information is available from the UTS: Graduate Research School at:

www.gradschool.uts.edu.au

C02050v1 Doctor of Education

Award(s): Doctor of Education (EdD) CRICOS code: 066824C Course EFTSL: 4

Location: City campus

Note(s)

Research degrees are offered on a sponsored, scholarship, faculty part-sponsored or full-fee-paying basis. Contact the faculty or the UTS: Graduate Research School for further details.

Overview

The Doctor of Education is designed to meet the needs of practitioners who wish to research some aspect of their field of practice. Candidates embark on high-level, practice-based research into one of the areas of research strength in UTS: Education.

The course caters not only for students committed to an academic $path, but for senior \, practitioners \, from \, public \, and \, private \, sectors \, who \,$ wish to study and undertake research at the highest level.

Course aims

The purpose of the course is to enhance the practitioner's capacity to question, analyse, critique and develop their profession and its practices. It is a research degree whose purpose is to assist professionals to develop a relationship between research and their professional activities, in areas such as policy development and appraisal, innovation and administration.

Career options

Career options include leadership roles in the education field as a principal, manager, planner, policy adviser, teacher or trainer, in a government, industrial, commercial or community setting.

Admission requirements

Applicants must have completed a UTS recognised master's by research or bachelor's degree with first or second class honours (division 1), or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Previous qualifications must be in education or a related discipline. Applicants are required to provide UTS: Education with a copy of a previously completed thesis, piece of substantial academic writing or research report as part of their evidence of academic record. Applicants must also develop a brief research proposal that indicates a scope and standard appropriate to an educational doctoral degree.

Selection criteria also includes the faculty's ability to offer appropriate supervision in the applicant's chosen field.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: A; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is four years of full-time or eight years of part-time study. Students can complete the course in less than the maximum time.

This course is normally completed on a part-time basis, taking between three and four-and-a-half years. Students continue their professional work while they study. There is provision for early submission of the thesis on application.

Course structure

The course is structured into three phases. Phase 1 (the first two semesters) involves a structured foundation of research development workshops, in which participants work collaboratively with their

supervisors, other academics and fellow students to develop their research proposals. Students can enter the course having professional experience as well as having demonstrated potential to do research. There are specific skills and capabilities required of doctoral level research and study, which are systematically developed through these workshops, with a particular focus on researching practice and on the development of a portfolio. A formal doctoral assessment is undertaken at the end of Phase 1 in which candidates present a full proposal for assessment, which is a prerequisite for entering Phase 2. In Phase 2, candidates develop their individual program of research which culminates in Phase 3 in a sustained contribution to some aspect of professional practice and which is presented in a portfolio of outcomes. Each portfolio is developed according to a negotiated process with supervisors, and is accompanied by a statement

establishing the scale and standard of work. Candidates participate

in a range of research and development activities throughout this

phase to assist them in developing the capabilities of a successful

Course completion requirements

019950 **EdD Thesis: Education**

doctoral graduate in education.

Other information

Further information is available from the research degrees administrator:

email Margaret.McGrath@uts.edu.au

C02051v1 Doctor of Project Management

Award(s): Doctor of Project Management (DPM) CRICOS code: 045835G Course EFTSL: 3 Location: City campus

Overview

This course combines coursework subjects and original research culminating in a doctoral dissertation. Candidates develop their doctoral topic through the coursework component. The dissertation must have a project, program or portfolio management focus and analysis representing an original investigation, criticism or review of a project, program and portfolio management of a standard suitable for publication.

The research can be undertaken in a variety of industries and applications such as product development, information and communication systems, innovation and technology, defense, construction, health, planning, property development, architecture and design and organisational change. Research related to finding solutions for problems at a workplace informed by rigorous research is encouraged.

This program is one of the few professional doctorates in project management in Australia. It counters the isolation experienced by many PhD doctoral candidates by providing a combination of postgraduate coursework subjects and a dissertation, and allows candidates to benefit from contact with coursework students and UTS: Design Architecture and Building.

Career options

Career options include project management consultancy, senior management positions in project management and consultancy organisations, positions in universities, undertaking research, or other academic work, including teaching and research supervision.

Admission requirements

Applicants must have completed a UTS recognised master's by research or bachelor's degree with first or second class honours (division 1), or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

At least five years of industry experience in project management or senior management positions is expected, as the research requires a good understanding of organisational issues. Support for the project, availability of supervision, availability of places, availability of facilities at UTS, the applicant's overall abilities and experience and report of the academic referees submitted with the application are all taken into account.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Applications

Applicants must submit a research proposal at the point of application. Once final approval is obtained for a research proposal, the topic cannot be changed except with the approval of the University. A research proposal should be submitted along with the application as detailed at:

www.research.uts.edu.au/future-students/apply.html

Local students

Information about the application process can be found at: www.gradschool.uts.edu.au/prospective/application.html

International students

International students can find details on how to apply for study at UTS at:

www.uts.edu.au/international/prospective/studying/apply

The international postgraduate student application form is available to download at:

www.uts.edu.au/international/docs/apply-pg.pdf

Credit recognition

Suitably qualified applicants may be given up to 36 credit points of exemptions for coursework subjects.

Further details are available at: www.dab.uts.edu.au/index.html

Course duration and attendance

The standard course duration is three years of full-time (six semesters) or six years of part-time (12 semesters) study (the maximum course duration is four years of full-time or eight years of part-time study).

Each coursework subject involves block attendance on campus of nominally five days duration. Prior to this period, there are preparatory tasks supported by online resources and participation, and following this period students are required to complete individual assessment tasks, again using online support from teaching staff. The research methodology subjects are taught online.

The research component comprises regular meetings with the allocated supervisor, face-to-face for local students on campus, and using communication and collaboration technologies for students doing this research from an approved overseas location. Students located overseas are required to come to UTS for their first assessment and will have a local supervisor allocated to them accessible for face-to-face meetings where they are located.

Course structure

The course comprises one-third coursework subjects and two-thirds research thesis.

From Autumn 2010, this course requires completion of two compulsory 6-credit-point research methodology subjects, six 6-credit-point Master of Project Management (C04006) (see page 300) postgraduate coursework subjects chosen from CBK90605, and a dissertation of approximately 50,000 to 75,000 words.

With prior approval from the allocated supervisor and the course director, up to a maximum of two of the postgraduate coursework subjects can be substituted with subjects from other UTS faculties, provided these subjects help the candidate formulate and conduct their research.

While the DPM thesis may be shorter than a PhD thesis, taking account of the coursework component, it is expected to exhibit the same level of originality, criticism and intellectual rigour normally associated with a PhD thesis. Being a professional doctorate, the research is also expected to contribute to professional practice.

Both the candidate and the candidate's principal supervisor are required to submit progress reports at the end of each semester following commencement of the dissertation. Within the first year of commencement for full-time students, or one-and-a-half years for part-time students, candidates must complete a formal doctoral assessment to ensure they are gaining the prerequisite knowledge and skills to allow successful and timely completion of the proposed research program; that their progress is consistent with completion of the research program in the prescribed time; and that they demonstrate the potential to complete the work to standard.

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Course	comn	Netion	requireme	ntcد
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Cour se	completion requirements		
15462	Introduction to Research		6ср
15463	The Research Process		6ср
15464	Doctoral Thesis: Project Management		•
Select 36 o	credit points from the following options:		36ср
15330	Program Management	6ср	
15336	Systems Thinking for Managers	6ср	
15346	Governance and Leadership of Project	_	
	Management	6ср	
15347	The Project Organisation: A New	_	
	Organisational Model	6ср	
15327	Managing Project Complexity	6ср	
15338	Realising Project Benefits	6ср	
15325	Value Management, Negotiation and	-	
	Conflict Management	6ср	
15356	Reflective Project Practice	6ср	
15326	Project Management Practicum	6ср	

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

or from the UTS: Graduate Research School on:

telephone +61 2 9514 1336

email ugs@uts.edu.au

www.gradschool.uts.edu.au

C02052v1 Doctor of Nursing

Award(s): Doctor of Nursing (DN) CRICOS code: 032319A Course EFTSL: 4 Location: City campus

Note(s)

This course is not available for new admissions in 2013. For further information contact the research administrator in UTS: Health.

Overview

UTS: Health's research degrees are highly regarded, both nationally and internationally. Candidates for the Doctor of Nursing have the opportunity to integrate a research focus within a framework of policy development, leadership and international practice. Graduates from a Doctor of Nursing can lead in the development of practice and take their place in disciplinary research projects.

This course assists students to complete original research that contributes to knowledge in their field within an international context. Research at UTS takes place in a dynamic and outcomes-oriented environment. The University attracts students who want to develop their knowledge and expertise within a professional and stimulating framework. When students enrol, they become part of a lively and vigorous research culture, working closely with academic staff and health industry partners.

Career options

The Doctor of Nursing prepares nurses for leadership positions within the profession. Opportunities are not limited to Australia and there is the possibility of developing a career on an international level.

Admission requirements

Applicants must have completed a UTS recognised master's by research or bachelor's degree with first or second class honours (division 1), or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Applicants are required to have authorisation to practise as a registered nurse and substantial professional/administrative experience as evidenced by their professional portfolio. Applicants are also required to submit a research proposal and have the agreement of a suitable supervisor at the time of application.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional

Course duration and attendance

The maximum course duration is four years of full-time or eight years of part-time study.

Subjects are run in intensive mode, with an additional online component. All research students are expected to attend the twiceyearly Research Student Symposia and are required to present a seminar during these weeks, twice a year for full-time students and once a year for part-time students.

Course structure

This degree is a structured program of study and research related to the development and extension of professional practice, culminating in the presentation of a research portfolio for examination. It includes an emphasis on the extension and leadership development of both practice and practitioners in local, national and international contexts. Students are required to undertake a candidature assessment at the end of the first two semesters for full-time students, and at the end of the first three semesters for part-time students. During candidature students complete research preparation subjects and subjects examining the program themes, as well as their selected research projects. Students work closely with a principal supervisor and a supervisory panel and are required to report on their progress each semester.

Course completion requirements

92981	D Nursing Dissertation	
93002	Knowledge Utilisation and Policy in Health	
	Services and Practice	6ср
93003	Research Inquiry: Processes and Practices	6ср
93004	Research Design and Analysis in Health	-
	Services and Practice	6ср
93005	Leading Change in Health Services and Practice	6cp

Course program

The program for the coursework component appears below.

Year 1		
Autumn s	emester	
93003	Research Inquiry: Processes and Practices	6ср
Spring se	mester	
93004	Research Design and Analysis in Health Services and Practice	6ср
Vear 2		

Autumn s	emester	
93002	Knowledge Utilisation and Policy in Health Services and Practice	6c]

Spring semester

93005 Leading Change in Health Services and Practice

Other information

Further information is available from:

Research administration officer

telephone +61 2 9514 4834

email nmhresearch.StudentsAdmin@uts.edu.au and from the UTS Graduate Research School:

www.gradschool.uts.edu.au

C02053v1 Doctor of Midwifery

Award(s): Doctor of Midwifery (DMid)

CRICOS code: 032559G Course EFTSL: 4 Location: City campus

Note(s)

This course is not available for new admissions in 2013. For further information contact the research administrator in UTS: Health.

UTS: Health's research degrees are highly regarded, both nationally and internationally. Candidates for the Doctor of Midwifery have the opportunity to integrate a research focus within a framework of policy development, leadership and international practice. Graduates from a Doctor of Midwifery can lead in the development of practice and take their place in disciplinary research projects.

This course assists students to complete original research that contributes to knowledge in their field within an international context. Research at UTS takes place in a dynamic and outcomes-oriented environment. The University attracts students who want to develop their knowledge and expertise within a professional and stimulating framework. When students enrol, they become part of a lively and vigorous research culture, working closely with academic staff and health industry partners.

Career options

This course prepares midwives for leadership positions within the profession. Opportunities are not limited to Australia and there is the possibility of developing a career on an international level.

Admission requirements

Applicants must have completed a UTS recognised master's by research or bachelor's degree with first or second class honours (division 1), or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Applicants are required to have authorisation to practise as a registered midwife and have substantial professional/administrative experience as evidenced by their professional portfolio. Applicants are also required to submit a research proposal and have the agreement of a suitable supervisor at the time of application.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances

Course duration and attendance

The maximum course duration is four years of full-time or eight years of part-time study.

Subjects are run in intensive mode, with an additional online component. All research students are expected to attend the twiceyearly Research Student Symposia and are required to present a seminar during these weeks, twice a year for full-time students and once a year for part-time students.

Course structure

This degree is a structured program of study and research related to the development and extension of professional practice, culminating in the presentation of a research portfolio for examination. It includes an emphasis on the extension and leadership development of both practice and practitioners in local, national and international contexts. Students are required to undertake a candidature assessment at the end of the first two semesters for full-time students, and at the end of the first three semesters for part-time students. During candidature, students complete research preparation subjects and subjects examining the program themes, as well as their selected research projects. Students work closely with a principal supervisor and a supervisory panel and are required to report on their progress

Course completion requirements

00a.50	completion requirements	
92980	D Midwifery Dissertation	
93002	Knowledge Utilisation and Policy in Health	
	Services and Practice	6ср
93003	Research Inquiry: Processes and Practices	6ср
93004	Research Design and Analysis in Health Services	-
	and Practice	6ср
93005	Leading Change in Health Services and Practice	6ср

Course program

The program for the coursework component appears below.

Year 1

Autumn semester

93003 Research Inquiry: Processes and Practices 6ср Spring semester

93004

Research Design and Analysis in Health Services and Practice 6cp

Year 2

Autumn semester

93002 Knowledge Utilisation and Policy in Health Services and Practice 6cp

Spring semester

93005 Leading Change in Health Services and Practice 6ср

Other information

Further information is available from:

Research administration officer

telephone +61 2 9514 4834

email nmhresearch.StudentsAdmin@uts.edu.au

and from the UTS Graduate Research School:

www.gradschool.uts.edu.au

C02054v1 Doctor of Health Services

Award(s): Doctor of Health Sciences (DHS)

CRICOS code: 066311F Course EFTSL: 4 Location: City campus

Note(s)

This course is not available for new admissions in 2013. For further information contact the research administrator in UTS: Health.

Overview

UTS: Health's research degrees are highly regarded, both nationally and internationally. Candidates for the Doctor of Health Services have the opportunity to integrate a research focus within a framework of policy development, leadership and international practice. Graduates from a Doctor of Health Services can lead in the development of health service delivery and management and take their place in disciplinary research projects.

This course assists students to complete original research that contributes to knowledge in their field within an international context. Research at UTS takes place in a dynamic and outcomes-oriented environment. The University attracts students who want to develop their knowledge and expertise within a professional and stimulating framework. When students enrol, they become part of a lively and vigorous research culture, working closely with academic staff and health industry partners.

Career options

The Doctor of Health Services prepares health professionals for leadership positions within the profession. Opportunities are not limited to Australia and there is the possibility of developing a career on an international level.

Admission requirements

Applicants must have completed a UTS recognised master's by research or bachelor's degree with first or second class honours (division 1), or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Applicants are required to have a position in the health services sector and substantial professional / administrative experience as evidenced by their professional portfolio. Applicants are also required to submit a research proposal and have the agreement of a suitable supervisor at the time of application.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is four years of full-time or eight years of part-time study.

Subjects are run in intensive mode, with an additional online component. All research students are expected to attend the twiceyearly Research Student Symposia and are required to present a seminar during these weeks, twice a year for full-time students and once a year for part-time students.

Course structure

This degree is a structured program of study and research related to the development and extension of professional practice, culminating in the presentation of a research portfolio for examination. It includes an emphasis on the extension and leadership development of both practice and practitioners in local, national and international contexts. Students are required to undertake a candidature assessment at the end of the first two semesters for full-time students, and at the end of the first three semesters for part-time students. During candidature, students complete research preparation subjects and subjects examining the program themes, as well as their selected research projects. Students work closely with a principal supervisor and a supervisory panel, and are required to report on their progress each semester.

Course completion requirements

92979	Health Services Dissertation	
93002	Knowledge Utilisation and Policy in Health	
	Services and Practice	6ср
93003	Research Inquiry: Processes and Practices	6ср
93004	Research Design and Analysis in Health Services	-
	and Practice	6ср
93005	Leading Change in Health Services and Practice	6cp

Course program

The course program is shown below.

Year 1

Autumn semester

93003 Research Inquiry: Processes and Practices 6ср Spring semester

93004

Research Design and Analysis in Health Services and Practice 6ср

Year 2

Autumn semester

Knowledge Utilisation and Policy in Health 93002 Services and Practice 6cp

Spring semester

93005 Leading Change in Health Services and Practice 6ср

Other information

Further information is available from:

Research administration officer

telephone +61 2 9514 4834

email nmhresearch.StudentsAdmin@uts.edu.au and from the University Graduate School:

www.gradschool.uts.edu.au

C02055v1 Doctor of Education

Award(s): Doctor of Education (EdD) Course EFTSL: 4 Location: Hong Kong

Note(s)

This is the offshore version of the Doctor of Education (C02050) (see page 481) offered in Hong Kong.

Overview

The Doctor of Education is designed to meet the needs of practitioners who wish to research some aspect of their field of practice. Candidates embark on high-level, practice-based research into one of the areas of research strength in UTS: Education.

The course caters not only for students committed to an academic path, but for senior practitioners from public and private sectors who wish to study and undertake research at the highest level.

Course aims

The purpose of the course is to enhance the practitioner's capacity to question, analyse, critique and develop their profession and its practices. It is a research degree whose purpose is to assist professionals to develop a relationship between research and their professional activities, in areas such as policy development and appraisal, innovation and administration.

Career options

Career options include leadership roles in the education field as a principal, manager, planner, policy adviser, teacher or trainer, in a government, industrial, commercial or community setting.

Admission requirements

Applicants must have completed a UTS recognised master's by research or bachelor's degree with first or second class honours (division 1), or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Previous qualifications must be in education or a related discipline. Applicants are required to provide UTS: Education with a copy of a previously completed thesis, piece of substantial academic writing or research report as part of their evidence of academic record. Applicant must also develop of a brief research proposal that indicates a scope and standard appropriate to an educational doctoral degree.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: A; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is four years of full-time or eight years of part-time study. Students can complete the course in less than the maximum time.

This course is normally completed on a part-time basis, taking between three and four-and-a-half years. Students continue their professional work while they study. There is provision for early submission of the thesis on application.

Course structure

The course is structured into three phases. Phase 1 involves a structured foundation of research development workshops, in which participants work collaboratively with their supervisors, other academics and fellow students to develop their research proposals. Students can enter the course having professional experience as well as having demonstrated potential to do research. There are specific skills and capabilities required of doctoral level research and study, which are systematically developed through these workshops, with a particular focus on researching practice and on the development of a portfolio. A formal doctoral presentation is undertaken at the end of Phase 1 in which candidates present a full proposal for evaluation, which is a prerequisite for entering Phase 2.

In Phase 2, candidates develop their individual program of research which culminates in Phase 3 in a sustained contribution to some aspect of professional practice and which is presented in a portfolio of outcomes. Each portfolio is developed according to a negotiated process with supervisors, and is accompanied by a statement establishing the scale and standard of work. Candidates participate in a range of research and development activities throughout this phase to assist them in developing the capabilities of a successful doctoral graduate in education.

Course completion requirements

019950 EdD Thesis: Education

Other information

Further information is available from the research degrees administrator:

email Margaret.McGrath@uts.edu.au

C02056v1 Doctor of Philosophy

Award(s): Doctor of Philosophy (PhD) CRICOS code: 074603E

Course EFTSL: 4 Location: City campus

Overview

This is a research degree requiring an original and significant contribution to knowledge. It is the traditional path for those wishing to assume leadership positions in research. It requires students to undertake a large research project under academic supervision.

This course assists students to complete original research that contributes to knowledge in their field within an international context. Research at UTS takes place in a dynamic and outcome-oriented environment. The University attracts students who want to develop their knowledge and expertise within a professional and stimulating framework. When students enrol, they become part of a lively and vigorous research culture, working closely with academic staff and professionals from the pharmacy and healthcare industries.

Career options

This degree prepares candidates for leadership positions in teaching, management and research. Opportunities are not limited to Australia and there is the possibility of developing a career on an international level.

Admission requirements

Applicants must have completed a UTS recognised master's by research or bachelor's degree with first or second class honours (division 1), or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is four years of full-time or eight years of part-time study. Students can complete the course in less than the maximum time.

Course completion requirements

95589 PhD Thesis: Pharmacy

Other information

For further information, contact UTS: Pharmacy: email pharmacy@uts.edu.au www.pharmacy.uts.edu.au

C03001v3 Master of Architecture (Research)

Award(s): Master of Architecture (MArch) CRICOS code: 008672F Course EFTSL: 2 Location: City campus

Note(s)

Research degrees are offered on a sponsored, scholarship, faculty part-sponsored or full-fee-paying basis. Contact a UTS Student Centre or the UTS: Graduate Research School for further details.

Overview

A limited number of places are offered each year to suitably qualified students to follow a program of study leading to this award. This degree is for graduates seeking to extend and deepen their knowledge by undertaking an appropriate research investigation under professional supervision by UTS: Design, Architecture and Building academic staff.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is two years of full-time or four years of part-time study.

Course structure

The requirement of this degree is the preparation of a thesis which is judged by its examiners to be a distinct contribution to the knowledge of the subject. The format of the body of work and the length of the written dissertation are determined after discussion with UTS: Design, Architecture and Building staff and must be approved by the Graduate Studies Committee. Candidates may be required to first undertake coursework subjects in research methodology to gain experience with research methods and skills. Candidates are required to present papers, which form part of the preparation of their thesis, at UTS: Design, Architecture and Building postgraduate seminars.

Course completion requirements

13905 Thesis (Architecture)

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

or from the UTS: Graduate Research School on:

telephone +61 2 9514 1336 email ugs@uts.edu.au

www.gradschool.uts.edu.au

C03002v4 Master of Built Environment (Research)

Award(s): Master of Built Environment (MBuiltEnv)

CRICOS code: 008674D Course EFTSL: 2 Location: City campus

Note(s)

Research degrees are offered on a sponsored, scholarship, faculty part-sponsored or full-fee-paying basis. Contact a UTS Student Centre or the UTS: Graduate Research School for further details.

Overview

A limited number of places are offered each year to suitably qualified students to follow a program of study leading to this award. This degree is for graduates seeking to extend and deepen their knowledge by undertaking an appropriate research investigation under professional supervision by UTS: Design, Architecture and Building academic staff.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is two years of full-time or four years of part-time study.

Course structure

The requirement of this degree is the preparation of a thesis which is judged by its examiners to be a distinct contribution to the knowledge of the subject. The format of the body of work and the length of the written dissertation are determined after discussion with UTS: Design, Architecture and Building staff and must be approved by the Graduate Studies Committee. Candidates may be required to first undertake coursework subjects in research methodology to gain experience with research methods and skills. Candidates are required to present papers, which form part of the preparation of their thesis, at the UTS: Design, Architecture and Building postgraduate seminars.

Course completion requirements

Select one of the following:

14903 Thesis (Building)

15903 Thesis (Quantity Surveying)

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

or from the UTS: Graduate Research School on:

telephone +61 2 9514 1336

email ugs@uts.edu.au

www.gradschool.uts.edu.au

C03012v3 Master of Design (Research)

Award(s): Master of Design (MDesign) CRICOS code: 030867M

Course EFTSL: 2 Location: City campus

Note(s)

Research degrees are offered on a sponsored basis for permanent residents or on a full-fee-paying basis for international students. Contact a UTS Student Centre or the UTS: Graduate Research School for further details.

Overview

This degree is for graduates who want to deepen their understanding and hands-on skills in both research-for-design and research-by-design as a way to define the future of the design profession.

Design challenges are becoming more and more complex: digitisation, globalisation, the growing importance of services and the shift towards culturally and socially intelligent design means that the profile and role of the designer are changing. Research for design and researching through design experiments are becoming part of new design practice. In this course, students are challenged to develop a deep understanding of what this means for them as practising designers. They are trained in the insights and hands-on skills to do the various types of research that are becoming all-important in modern design practice.

Career options

Graduates are the new guard of academically trained designers who have deepened their insight into where design is going, and can offer employers the combination of design and research skills that they need for their long-term prosperity. There is also a clear path from this degree towards a more research-focused career, either in industry or in academia.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is two years of full-time or four years of part-time study.

Course structure

The requirement of this degree is the preparation of a thesis which is judged by its examiners to be a distinct contribution to the knowledge of the subject. The format of the body of work and the length of the written dissertation are determined after discussion with UTS: Design, Architecture and Building staff and must be approved by the Graduate Studies Committee.

Candidates may be required first to undertake coursework subjects in research methodology to gain experience with research methods and skills. Candidates are also required to present papers, which form part of the preparation of their thesis, at the UTS: Design, Architecture and Building postgraduate seminars.

Specialisations are generally available within the areas of fashion and textile, industrial, interior and visual communication design, subject to supervisor availability.

Course completion requirements

81821 Thesis (Design)

Further study at UTS

This course can articulate into a PhD program of advanced research.

Other information

Further information is available from the Building 6 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.dab.uts.edu.au

or from the UTS: Graduate Research School on:

telephone +61 2 9514 1336 email ugs@uts.edu.au

www.gradschool.uts.edu.au

C03017v2 Master of Engineering (Research)

Award(s): Master of Engineering (ME)

CRICOS code: 009468B Course EFTSL: 2 Location: City campus

Note(s)

Research degrees are offered on a sponsored, scholarship, faculty part-sponsored or full-fee-paying basis. Contact UTS: Engineering or the UTS: Graduate Research School for further details.

Overview

This degree may be awarded to candidates who have completed an individual program of supervised work and submitted a thesis embodying the results. Topics which involve close cooperation with industry are strongly encouraged, and a majority of current candidates are engaged in topics which are actively supported by their employers.

This degree provides practising engineers with an opportunity to pursue, in depth, the solution of an engineering problem which requires individual effort beyond the scope of a bachelor's degree. In keeping with the faculty's overall policies, the accent is on applied research and development work, although basic research proposals are also welcomed and supported.

Career options

Career options include positions in universities and other institutions undertaking research or other academic work including teaching. Opportunities involving research and development also exist with national and international firms.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.0 overall with a writing score of 6.0; or TOEFL: paper based: 500-549 overall with TWE of 4.5, internet based: 60-78 overall with a writing score of 21; or DEEP: C; or PTE: 50-57; or CAE: 52-57

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is two years of full-time or four years of part-time study.

Candidates may commence their studies from January or July in any given year and the work may be carried out either using faculty facilities or in an industrial location. Candidates who are specially qualified in the relevant discipline may be allowed to complete the program in less than the maximum time.

Course structure

The Master of Engineering is undertaken by candidates who complete a thesis on a topic of their choice, which has been approved by the University. The thesis must make a distinct contribution to knowledge in the area covered. Its contents may report the results of an original investigation or review, or criticise some aspect of engineering knowledge, or present an engineering design or solution involving the application of new or known techniques to an engineering problem of significance. There are no coursework subjects in this course. There is a formal assessment of progress at the end of the first two semesters for both full-time and part-time candidates, in accordance with University Rule 11.13.

Course completion requirements

49776 Master of Engineering Thesis

Other information

Further information is available from the Faculty of Engineering and Information Technology Research and Development Office on:

telephone +61 2 9514 2686 email research@eng.uts.edu.au www.eng.uts.edu.au

C03018v2 Master of Arts in Humanities and Social Sciences (Research)

Award(s): Master of Arts (MA) CRICOS code: 014624G Course EFTSL: 2 Location: City campus

Note(s)

Research degrees are offered on a sponsored, scholarship, faculty partsponsored or full-fee-paying basis. Contact UTS: Communication or the UTS: Graduate Research School for further details.

Overview

The Master of Arts in Humanities and Social Sciences (Research) provides an opportunity for graduates to develop their research skills, to deepen their knowledge in an area of the social sciences or humanities, and to undertake some original research.

Career options

The research degrees offered by UTS: Communication are especially valuable for those wishing to pursue an academic career, a career in research or an advanced level of professional practice.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Selection criteria include the quality of the research proposal, UTS: Communication's ability to offer appropriate supervision in the applicant's chosen field of study, and, where necessary, possession of generic technical skills.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: A; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

Course structure

This research degree is undertaken wholly or mainly by thesis. A master's thesis is normally a work of 30,000-40,000 words. Coursework subjects may be prescribed, according to individual student requirements.

While the usual master's thesis is written in dissertation style, candidates may, if they wish, illustrate their argument by submitting film, video, sound/audio, photography or other formats together with a written dissertation of shorter length. Applicants should contact the research degrees administrator for further information on non-traditional formats for thesis presentation.

Course completion requirements

51984 Master of Arts Thesis

Other information

Further information is available from the research degrees administrator on:

telephone +61 2 9514 4512

email hss.researchdegrees@uts.edu.au

C03024v5 Master of Laws (Research)

Award(s): Master of Laws (LLM) CRICOS code: 006407F Course EFTSL: 2 Location: City campus

Overview

The Master of Laws (Research) provides an opportunity for graduates to develop their research skills, to deepen their knowledge in some area of the law and to undertake original research. The degree is awarded to candidates who demonstrate competence in research, an understanding of research method, and make some contribution to knowledge.

This course is suitable for students who have completed a coursework degree and wish to deepen their knowledge in a particular legal area by means of research. Students develop critical and analytical skills and advanced research skills to enable in-depth exploration of their chosen area. This degree is valuable for those wishing to pursue a career in research.

Career options

Career options include positions in universities, undertaking research, contributions to public policy, or other academic work including teaching, submissions to think tanks and interest groups and legal publishing.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Previous qualifications must be in a relevant discipline.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Applications

Applicants must submit a research proposal at the point of application. Once final approval is obtained for a research proposal, the topic cannot be changed except with the approval of the University.

Detailed information about the application process can be found at: www.research.uts.edu.au/future-students

Course duration and attendance

The maximum course duration is two years of full-time or four years of part-time study. Students can complete the course in less than the maximum time.

The work may be carried out either on University premises or at a site external to the University, or some combination of both. Candidates are required to make contact with their supervisor(s) at least once a month to discuss the progress of the research being undertaken.

Course structure

Students are required to submit a thesis of approximately 40,000–60,000 words. As part of this course, students must also complete the subject 77697 Higher Degree Research Seminar.

The candidate is required to undertake all assessments as part of the Faculty's Doctoral Framework three-stage program. Within the first stage candidates must complete a formal candidature assessment, and within the second stage candidates must complete a progress confirmation, to ensure their progress is consistent with completion of the research program in the prescribed time and that they demonstrate potential to complete the work to standard.

Information regarding UTS: Law's key research areas and strengths, and the research interests of staff members, is available at postgraduate research degrees (see page 101).

Course completion requirements

77698 Thesis (Law)

77697 Higher Degree Research Seminar 8cp

Transfer between UTS courses

Candidates in the Master of Laws (Research) who wish to transfer to the PhD but do not meet the PhD admission requirements can apply to transfer. Transfer applicants must have completed a minimum of one year's study and have reached a standard equivalent to that of a bachelor's degree with first or second class honours (division 1). Candidates applying to transfer must also demonstrate, with the support of their supervisor(s), that their topic has doctoral scope.

Other information

Further information is available from the faculty research officer: telephone +61 2 9514 3753

fax +61 2 9514 3400

email law.research@uts.edu.au

www.law.uts.edu.au

Applicants are encouraged to visit the UTS: Graduate Research School website at:

www.gradschool.uts.edu.au

C03025v3 Master of Science in Computing Sciences (Research)

Award(s): Master of Science (MSc) CRICOS code: 001121E Course EFTSL: 2

Location: City campus

Note(s)

Research degrees are offered on a sponsored, scholarship, faculty part-sponsored or full-fee-paying basis. Contact UTS: Information Technology or the UTS: Graduate Research School for further details.

Overview

This course enables graduates to extend and deepen their knowledge in a specialised area of computing by undertaking research under the supervision of a member of academic staff.

The course enables students to advance themselves in their career in computing and information technology, and offers flexibility in the choice of research topic so it may be closely aligned with students' professional careers.

Career options

This course enables graduates to extend and deepen their knowledge of a specialised area of computing by undertaking research. The course enables students to advance themselves in their career in computing and information technology, and offers flexibility in the choice of research topic so it may be closely aligned with students' professional careers. Career options include positions in universities and other institutions undertaking research or other academic work including teaching. Opportunities involving research and development also exist with national and international firms.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Previous qualifications must have a major computing component. Before submitting a formal application for admission to this degree course, applicants should first seek the approval of a potential supervisor for their proposed research work.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.0 overall with a writing score of 6.0; or TOEFL: paper based: 500-549 overall with TWE of 4.5, internet based: 60-78 overall with a writing score of 21; or DEEP: C; or PTE: 50-57; or CAE: 52-57

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is two years of full-time or four years of part-time study.

UTS: Information Technology has a strong preference for research work that proceeds at a full-time pace. However, this preference should not be seen as a deterrent to those students who wish to remain in employment. Students who are working full time are encouraged to select a topic for their research which is closely aligned with their professional work.

Course structure

Candidates are required to complete two subjects covering technology research preparation and technology research methods respectively (some candidates may be exempt from completing these subjects).

The degree is examined through presentation of a thesis.

All thesis students are required to submit, in consultation with their supervisor(s), a progress report at the end of each semester. The UTS: Graduate Research School contacts each student and their supervisor(s) to initiate this process.

Course completion requirements

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31675	Thesis (Computing Science)	
32144	Technology Research Preparation	6ср
32931	Technology Research Methods	6cp

Other information

Further information is available from the UTS: Graduate Research School at:

telephone +61 2 9514 1336 www.gradschool.uts.edu.au or from UTS: Information Technology at: Research Administration Officer telephone +61 2 9514 4460 email Craig.Shuard@uts.edu.au

C03026v5 Master of Science in Mathematical Sciences (Research)

Award(s): Master of Science (MSc) CRICOS code: 032335A Course EFTSL: 2 Location: City campus

Note(s)

Research degrees are offered on a sponsored, scholarship, faculty part-sponsored or full-fee-paying basis. Contact UTS: Science or the UTS: Graduate Research School for further details.

Overview

This course provides an opportunity to acquire research skills and to deepen knowledge in one of the areas of mathematics. The aim of the program is the professional development of candidates through mastery of a substantial body of mathematical literature together with original research work under the guidance of a supervisor.

Career options

Skills in research and the ability to think mathematically are in growing demand in industry, finance and various government organisations. As a consequence, graduates of this course significantly broaden their career choices, and the research topic may be chosen to further facilitate their career paths, for example, in senior levels of market research, quantitative management and quantitative finance.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances

Course duration and attendance

The maximum course duration is two years of full-time or four years of part-time study.

Course structure

Students work under the guidance of a supervisor who is a member of the full-time academic staff of the University. The degree is examined through the presentation of a thesis. Students are also required to present seminars during the time of their enrolment and at the completion of their program. Students may be required to take one or several subjects deemed necessary by their principal supervisor or the Faculty Research Committee.

Course completion requirements

34776 Thesis (Mathematics)

Other information

Further information is available from: Office of the Associate Dean (Research and Development) telephone +61 2 9514 2490 fax +61 2 9514 1656 email science.research@uts.edu.au

C03029v3 Master of Science (Research)

Award(s): Master of Science (MSc) CRICOS code: 030869J Course EFTSL: 2 Location: City campus

Note(s)

Research degrees are offered on a sponsored, scholarship, faculty part-sponsored or full-fee-paying basis. Contact UTS: Science or the UTS: Graduate Research School for further details.

Overview

This course provides an opportunity for graduates to acquire research skills and deepen their knowledge in an area of science.

Course aims

The aim of the program is the professional development of the candidate, providing experience in problem definition, hypothesis formulation and testing, data acquisition, analysis and interpretation, and project presentation.

Career options

Career options include environmental consultant, medical scientist, researcher, resource manager, scientist or technologist.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

Course structure

Students work under the guidance of a supervisor who is a member of the full-time academic staff of the University. The degree is examined through presentation of a thesis. Students may be required to take a prescribed subject in research methodology or any other subject deemed necessary by their principal supervisor or the Faculty Research Committee.

Course completion requirements

91774 Master of Science Thesis

Other information

Further information is available from:
Office of the Associate Dean (Research and Development)
telephone +61 2 9514 2490
fax +61 2 9514 1656
email science.research@uts.edu.au

C03032v3 Master of Sustainable Futures (Research)

Award(s): Master of Sustainable Futures (Research) [MSF(Res)]

CRICOS code: 028886D Course EFTSL: 2 Location: City campus

Note(s)

Research degrees are offered on a sponsored, scholarship or full-feepaying basis. Contact the Institute for Sustainable Futures or the UTS: Graduate Research School for further details.

Overview

This degree involves a period of supervised study and research, culminating in the submission of a thesis. It is offered to both local and international students.

Graduates from the master's have consistently achieved excellent examiners' reports from international leaders in their fields. Most have been eligible for the UTS Chancellor's Award, and several have been placed on the Chancellor's List.

Course aims

The institute aims to support students taking a trans-disciplinary or interdisciplinary approach to research while building on their existing expertise.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Previous qualifications must be in a relevant field. Submission of a brief research proposal is also required.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

Course structure

This research degree is undertaken wholly by thesis.

Course completion requirements

95583 Master of Sustainable Futures Thesis

Other information

Further information is available from the Institute for Sustainable Futures on:

telephone +61 2 9514 4950

email isf@uts.edu.au

www.isf.uts.edu.au

Applicants may also contact the UTS: Graduate Research School on:

telephone +61 2 9514 1336

email ugs@uts.edu.au

www.gradschool.uts.edu.au

C03034v2 Master of Arts in International Studies (Research)

Award(s): Master of Arts in International Studies (MA)

CRICOS code: 043338G Course EFTSL: 2

Location: City campus and China

Note(s)

This course is only offered offshore. It is available in China. The language of tuition is English.

Research degrees are offered on a sponsored, scholarship, faculty part-sponsored or full-fee-paying basis. Contact UTS: International Studies or the UTS: Graduate Research School for further details.

Overview

This degree provides an opportunity for graduates to develop their research skills, to deepen their knowledge in some area of international study and to undertake some original, independent research.

The Faculty of Arts and Social Sciences has strong expertise in China studies. University rules allow for the submission of a thesis in a language other than English providing that specific conditions have been met

Career options

The research degrees offered by UTS: International Studies are especially valuable for those wishing to pursue an academic career or a career in research.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Each applicant should, prior to application, discuss their proposed thesis topic with UTS: International Studies' research coordinator to determine whether supervision is possible. Information and application forms are available in English and Chinese.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: A; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

Course duration and attendance

The maximum course duration is two years of full-time or four years of part-time study. Students can complete the course in less than the maximum time.

Students are, in general, not required to attend classes, however, regular contact is maintained with the candidate's supervisor(s) throughout enrolment.

Course structure

This degree is undertaken wholly by thesis. A Master of Arts thesis is normally a work of around 40,000 words and is examined by two appropriate examiners, at least one of whom is external to UTS.

Candidates who are resident in China and who have difficulty travelling to Sydney can receive supervision in China through periodic visits by their supervisor, email contact and cooperation with a local university.

Theses can be supervised in the fields of cultural diversity, social change, contemporary culture, politics and modern history in China, Japan, Europe and the Americas.

Course completion requirements

979110 Thesis (International Studies)

Other information

Further information is available from the Building 1 Student Centre on: telephone 1300 ask UTS (1300 275 887)

or +61 2 9514 1222

Ask UTS www.ask.uts.edu.au

www.internationalstudies.uts.edu.au

and the UTS: Graduate Research School on:

telephone +61 2 9514 1336 email ugs@uts.edu.au www.gradschool.uts.edu.au

C03044v2 Master of Creative Arts (Research)

Award(s): Master of Creative Arts (Research) (MCA (Res))

CRICOS code: 066173M Course EFTSL: 2 Location: City campus

Note(s)

The Master of Creative Arts (Research) is offered primarily on a full-fee-paying basis, however some scholarship places may be available. Contact UTS: Communication or the UTS: Graduate Research School for further details.

Overview

The Master of Creative Arts (Research) is generally intended for people with industry experience in the media and creative arts who want to undertake creative research involving the preparation and presentation of a major creative work and a thesis of about 10,000-15,000 words. Candidates may also participate in classroom or online seminars on thesis preparation in the first semester of enrolment.

The course provides an opportunity for those seeking to develop specific knowledge, research and creative skills relevant to the creative industries that are emerging locally and internationally.

Career options

Career options include positions in the creative industries.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Selection criteria for admission include professional and creative experience in a creative arts field, the quality of the research proposal, the quality of the applicant's portfolio of creative work, UTS: Communication's ability to offer appropriate supervision in the applicant's chosen field of study, and, where necessary, demonstration of generic technical skills.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: A; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is two years of full-time or four years of part-time study.

Course structure

This research degree is undertaken through the production of a major creative work and a supporting 10,000-15,000-word thesis. Coursework subjects may be prescribed according to individual student requirements. Examples of the creative research component include an exhibition in a traditional gallery venue or relevant digital format, such as CD-ROM, a website, video, DVD or piece of journalism.

Course completion requirements

51985 Master of Creative Arts Thesis

Other information

Further information is available from the research degrees administrator on:

telephone + 61 2 9514 4512 email Juleigh.Slater@uts.edu.au

C03046v2 Master of Business (Research)

Award(s): Master of Business (MBus)

CRICOS code: 069858B Course EFTSL: 2

Location: City and/or Kuring-gai campuses

Note(s)

This is an exit-only course. There is no direct admission to it. Current UTS students may be able to transfer into this course. Check with your faculty.

Overview

The Master of Business (Research) is for students who may be required to transfer from a Doctor of Philosophy. Students extend and deepen their knowledge through an appropriate research investigation under supervision by UTS: Business academic staff.

This program is suitable for students who may be required to transfer from a Doctor of Philosophy. Students develop critical and analytical skills and advanced research skills to enable in-depth exploration of their chosen area.

Career options

Career options include management-level positions in industry or government, and academic positions.

Course duration and attendance

The maximum course duration is two years of full-time or four years of part-time study.

Course structure

The main requirement of the degree is the preparation of a thesis of 40,000-50,000 words, which presents the results of original research of a theoretical or applied nature.

Students may be required to enrol in subjects specified by their supervisors. During their candidature, students' progress is monitored by a master's assessment and regular progress reports. For further details, refer to UTS: Business's postgraduate course information (see page 52).

Course completion requirements

Select one of the following:

21990 Master of Business Thesis (Management) 22990 Master of Business Thesis (Accounting) 24990 Master of Business Thesis (Marketing) 25990 Master of Business Thesis (Finance) 23990 Master of Business Thesis (Economics)

Other information

Further information is available from the UTS: Graduate Research School at:

www.gradschool.uts.edu.au

C03047v1 Master of Education (Research)

Award(s): Master of Education (Research) (MEd(Res))

CRICOS code: 040690D Course EFTSL: 2 Location: City campus

Note(s)

Research degrees are offered on a sponsored, scholarship, faculty part-sponsored or full-fee-paying basis. Contact UTS: Education or the UTS: Graduate Research School for further details.

Overview

The Master of Education (Research) is intended for those who wish to pursue advanced research in one of the areas of faculty expertise.

Career options

Career options include management-level positions in industry or government, and academic positions.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Entry is by direct admission or through a research pathway from the Master of Education (by coursework) (C04232) (see page 349).

Direct admission requires evidence of potential to conduct research. Entry from the Master of Education (by coursework) is based on demonstrated research potential and academic prowess.

The research topic needs to be aligned with one of the faculty research areas, and a potential supervisor must be available.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: A; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is two years of full-time or four years of part-time study. Students can complete the course in less than the maximum time.

Course structure

The program comprises research coursework, participation in faculty research seminars and a thesis of 50,000 words.

The coursework component consists of the two 6-credit-point research subjects currently offered in the Master of Education.

The thesis work of candidates is generally closely related to the research interests of supervising members of staff in UTS: Education's areas of research strength.

Course completion requirements

oou.se	completion requirements	
016102	Thesis (Education)	
013952	Research Perspectives	6ср
013112	Research Design	6cp

Further study at UTS

This course can also serve as a pathway into higher research degrees (PhD, EdD) if the student's research project and progress are considered acceptable at the master's assessment.

Other information

Further information is available from the UTS Student Centre on: telephone +61 2 9514 3900 $\,$

email Margaret.McGrath@uts.edu.au

C03048v2 Master of Nursing (Research)

Award(s): Master of Nursing (Research) (MN(Res))

CRICOS code: 052679M Course EFTSL: 2 Location: City campus

Note(s)

Research degrees are offered on a sponsored, scholarship or full-feepaying basis. Contact UTS: Health or the UTS Graduate Research School for further details.

Overview

This degree is designed for registered nurses wanting to develop research skills that have practical application for innovations in the health care industry and scholarly understanding of nursing practice. It enables informed participation in research endeavours and clinical practice innovation and improvement. In this degree, students extend and deepen their knowledge of a specialised area in nursing through a program of supervised research.

This course assists students to complete original research that contributes to knowledge in their field within an international context. Research at UTS takes place in a dynamic and outcomes-oriented environment. The University attracts students who want to develop their knowledge and expertise within a professional and stimulating framework. Students are part of a lively and vigorous research culture, working closely with academic staff and health industry partners.

Career options

This degree offers solid research training to registered nurses who are required to undertake research in their current employment or who aspire to such positions.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Applicants are required to have authorisation to practise as a registered nurse. Applicants are also required to submit a research proposal and have the agreement of a suitable supervisor at the time of application.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is two years of full-time or four years of part-time study.

Subjects are run in intensive mode, with an additional online component. All research students are expected to attend the twice-yearly Research Student Symposia and are required to present a seminar during these weeks, twice a year for full-time students and once a year for part-time students.

Course structure

This course is a structured program of study incorporating research preparation subjects undertaken in the first year and the production of a research thesis for examination.

Students are required to undertake a candidature assessment at the end of the first two semesters for full-time students, and at the end of the first three semesters for part-time students. Students work closely with a principal supervisor and a supervisory panel, and are required to report on their progress each semester.

Course completion requirements

92975	Master of Nursing (Honours) Thesis	
92972	Health Care Research Methodology	6ср
92973	Developing Health Care Theory	6cp
92974	Investigating Health Care Change	6cp

Course program

The program for the coursework component appears below.

C :		
92972	Health Care Research Methodology	6ср

Spring semester

92973	Developing Health Care Theory	6ср
92974	Investigating Health Care Change	6ср

Other information

Further information is available from:

Research administration officer

telephone +61 2 9514 4834

email nmhresearch.StudentsAdmin@uts.edu.au and from the UTS Graduate Research School:

www.gradschool.uts.edu.au

C03049v2 Master of Midwifery (Research)

Award(s): Master of Midwifery (Research) (MMid(Res))

CRICOS code: 052680G Course EFTSL: 2 Location: City campus

Research degrees are offered on a sponsored, scholarship or full-feepaying basis. Contact the UTS: Health or the UTS Graduate Research School for further details.

This degree is designed for registered midwives wanting to develop research skills that have practical application for innovations in the health care industry and scholarly understanding of midwifery practice. It enables informed participation in research endeavours and clinical practice innovation and improvement. Students extend and deepen their knowledge of a specialised area in midwifery through a program of supervised research.

This course assists students to complete original research that contributes to knowledge in their field within an international context. Research at UTS takes place in a dynamic and outcomesoriented environment. The University attracts students who want to develop their knowledge and expertise within a professional and stimulating framework. Students are a part of a lively and vigorous research culture, working closely with academic staff and health industry partners.

Career options

This degree offers solid research training to registered midwives who are required to undertake research in their current employment or who aspire to such positions.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Applicants are required to have authorisation to practise as a registered midwife. Applicants are also required to submit a research proposal and have the agreement of a suitable supervisor at the time

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard fulltime duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is two years of full-time or four years of part-time study.

Subjects are run in intensive mode, with an additional online component. All research students are expected to attend the twice yearly Research Student Symposia and are required to present a seminar during these weeks, twice a year for full-time students and once a year for part-time students.

Course structure

This course is a structured program of study incorporating research preparation subjects undertaken in the first year and the production of a research thesis for examination.

Students are required to undertake a candidature assessment at the end of the first two semesters for full-time students, and at the end of the first three semesters for part-time students. Students work closely with a principal supervisor and a supervisory panel, and are required to report on their progress each semester.

Course completion requirements

92972	Health Care Research Methodology	6ср
92973	Developing Health Care Theory	6cp
92974	Investigating Health Care Change	6cp
92976	Master of Midwifery (Honours) Thesis	*

Course program

The program for the coursework component is provided below.

Year 1

Autumn semester

92972	Health Care Research Methodology	6ср
Spring s	emester	
92973	Developing Health Care Theory	6ср
92974	Investigating Health Care Change	6cn

Investigating Health Care Change

Other information

Further information is available from:

Research administration officer

telephone +61 2 9514 4834

email nmhresearch.StudentsAdmin@uts.edu.au

and from the UTS Graduate Research School:

www.gradschool.uts.edu.au

C03050v2 Master of Health Services (Research)

Award(s): Master of Health Services (Research) (MHS(Res))

CRICOS code: 055629G Course EFTSL: 2 Location: City campus

Note(s)

Research degrees are offered on a sponsored, scholarship or full-feepaying basis. Contact UTS: Health or the UTS Graduate Research School for further details.

Overview 3 4 1

This degree is designed for health service professionals wanting to develop research skills that have practical application for innovations and policy in the health care sector, and scholarly understanding of health services provision. It enables informed participation in research endeavours and health services innovation and improvement. Students extend and deepen their knowledge of a specialised area in health services through a program of supervised research.

This course assists students to complete original research that contributes to knowledge in their field within an international context. Research at UTS takes place in a dynamic and outcomes-oriented environment. The University attracts students who want to develop

their knowledge and expertise within a professional and stimulating framework. Students are part of a lively and vigorous research culture, working closely with academic staff and health industry partners.

Career options

This degree offers solid research training to health service professionals who are required to undertake research in their current employment or who aspire to such positions.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Applicants are required to have qualifications and experience in the health services sector. Applicants are also required to submit a research proposal and have the agreement of a suitable supervisor at the time of application.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is two years of full-time or four years of part-time study.

Subjects are run in intensive mode, with an additional online component. All research students are expected to attend the twice-yearly Research Student Symposia and are required to present a seminar during these weeks, twice a year for full-time students and once a year for part-time students.

Course structure

This course is a structured program of study incorporating research preparation subjects undertaken in the first year and the production of a research thesis for examination.

Students are required to undertake a candidature assessment at the end of the first two semesters for full-time students, and at the end of the first three semesters for part-time students. Students work closely with a principal supervisor and a supervisory panel, and are required to report on their progress each semester.

Course completion requirements

	completion requirements	
92972	Health Care Research Methodology	6ср
92973	Developing Health Care Theory	6ср
92974	Investigating Health Care Change	6ср
92977	Master of Health Services (Honours) Thesis	-

Course program

The program for the coursework component is provided below.

Health Care Research Methodology

Year 1

92972

Autı	ımn	sem	este

	8,	1
Spring 9	semester	
92973	Developing Health Care Theory	6ср
92974	Investigating Health Care Change	6cp

Other information

Further information is available from:

Research administration officer telephone +61 2 9514 4834

email nmhresearch.StudentsAdmin@uts.edu.au and from the UTS Graduate Research School: www.gradschool.uts.edu.au

C03051v1 Master of Analytics (Research)

Award(s): Master of Analytics (Research) (MAnalytics(Res))

CRICOS code: 075277F Course EFTSL: 2 Location: City campus

Overview

UTS is at the forefront of analytics education in Australia with its focus on practice-based, interdisciplinary analytics and decision-making research. Big data in the internet age is very complex and growing exponentially, posing greater challenges for organisations.

In this course, students can focus on real-world business problems in their own organisations and develop solutions as part of their research. This course enables graduates to extend and deepen their knowledge in a specialised area of analytics by undertaking research under the supervision of a member of academic staff.

The core program is supplemented by short courses, seminars and projects. These courses provide academic rigour while using cutting-edge technologies.

The course offers flexibility in the choice of research topics so that the research is closely aligned with the student's professional requirements. Students can undertake research in analytics to solve the problems that directly impact their organisations: research with a purpose.

Advanced analytics techniques and solutions are increasingly being used by industry to drive productivity, transform business and increase competitiveness. The demand for skilled analytics professionals with the ability to work in both traditional and emerging industries continues to grow. With high-level analytics skills graduates are able to make a significant contribution to their organisation. Students also benefit from being able to work with world-leading researchers in this area.

Career options

There is a skills shortage of professionals with work-ready skills in analytics. The demand for skilled professionals in analytics crosses a range of industries from banking, e-commerce, education, finance, government, health, insurance, marketing, taxation, telecommunications and transport. In a knowledge economy there is significant demand for graduates in this area.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Previous qualifications must have a major in analytics, computing, applied statistics or applied mathematics. Before submitting a formal application for admission to this degree, applicants should first seek the approval of a potential supervisor for their proposed research work.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.0 overall with a writing score of 6.0; or TOEFL: paper based: 500-549 overall with TWE of 4.5, internet based: 60-78 overall with a writing score of 21; or DEEP: C; or PTE: 50-57; or CAE: 52-57

Eligibility for admission does not guarantee offer of a place.

International students

6cp

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is two years of full-time or four years of part-time study.

Course structure

Candidates are required to complete two subjects covering technology research preparation and technology research methods respectively (some candidates may be exempt from completing these subjects), and selected learning modules, seminars, projects and practice.

The degree is examined through presentation of a thesis.

All thesis students are required to submit, in consultation with their supervisor(s), a progress report at the end of each semester. The UTS: Graduate Research School contacts each student and their supervisor(s) to initiate this process.

Course completion requirements

31676 Thesis (Analytics)

32144 Technology Research Preparation 6cp 32931 Technology Research Methods 6cp

Other information

Further information is available from the UTS: Graduate Research School at:

telephone +61 2 9514 1336 www.gradschool.uts.edu.au

or from UTS: Information Technology at:

Research Administration Officer telephone +61 2 9514 4460 email Craig.Shuard@uts.edu.au

C03052v1 Master of Sport and Exercise (Research)

Award(s): Master of Sport and Exercise (Research) (MSportEx(Res)) CRICOS code: 032336M Course EFTSL: 2

Note(s)

Research degrees are offered on a sponsored, scholarship or full-feepaying basis. Contact the UTS: Health or the UTS Graduate Research School for further details.

Overview

The Master of Sport and Exercise (Research) program is for graduates who wish to enhance their knowledge of an area, address policy or management issues, or pursue a research/academic career.

This program is suitable for students who have completed a coursework degree and wish to develop in a more focused way by means of research. Students develop critical and analytical skills and advanced research skills to enable in-depth exploration of their chosen area.

Career options

Career options include management-level positions in industry or government, and academic positions.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 6.5 overall with a writing score of 6.0; or TOEFL: paper based: 550-583 overall with TWE of 4.5, internet based: 79-93 overall with a writing score of 21; or DEEP: C; or PTE: 58-64; or CAE: 58-66

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

Course duration and attendance

The maximum course duration is two years of full-time, or four years of part-time study.

Course structure

The main requirement of the degree is the preparation of a thesis of 40,000-50,000 words, which presents the results of original research of a theoretical or applied nature.

Students are also required to complete the two-subject sequence relevant to their thesis topic. The first is an advanced research methods

subject that also covers statistical analysis. The second involves reading and formal seminar presentations on current topics in the chosen area of study. In addition to these subjects, candidates may be required to enrol in subjects specified by their supervisors. During their candidature, students' progress is monitored by a master's assessment and regular progress reports.

Course completion requirements

92052 Master of Sport and Exercise Thesis

92054 Research and Statistics for Sport and Exercise 6cp

Other information

Further information is available from: Research administration officer telephone +61 2 9514 4834 email nmhresearch.StudentsAdmin@uts.edu.au and from the UTS Graduate Research School:

C03053v1 Master of Pharmacy

(Research) Award(s): Master of Pharmacy (Research) (MPharm(Res))

www.gradschool.uts.edu.au

CRICOS code: 076138J Course EFTSL: 2 Location: City campus

Overview

This course is intended for registered pharmacists, or students who have completed a registrable pharmacy degree, who wish to pursue a career in pharmacy research or gain a competitive advantage in their career by completing an additional postgraduate qualification. Students gain research skills and expertise in their area of research interest, and demonstrate their outstanding academic ability and commitment to pharmacy through the completion of the degree.

The Master of Pharmacy (Research) gives students the opportunity to work with leading national and international researchers in their area of interest to develop and complete an original research project, which contributes to knowledge. Students gain research training and skills, as well as developing extensive knowledge and expertise in an area of research. Students are supported by a strong and vibrant research culture, both within the School and the University and have access to other researchers, a wide variety of workshops, the University library and research facilities.

Career options

The Master of Pharmacy (Research) is excellent preparation for those students who wish to pursue doctoral research study, a career in research or higher level pharmacy positions. Career options include academic appointments, expanded practice roles, advisory positions and industry roles.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Applicants need to have completed a prior degree that would make them eligible for registration as a pharmacist.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

All applicants are required to contact UTS: Pharmacy prior to applying to establish eligibility and supervisory arrangements.

Course duration and attendance

The maximum course duration is two years of full-time or four years of part-time study.

Students are also required to attend on-campus meetings with supervisors, research training sessions and other forums as required.

Course structure

This course consists of one thesis subject which is undertaken for the duration of the degree.

Students are required to undertake a candidature assessment at the end of the first two semesters for full-time students, and at the end of the first three semesters for part-time students. Students work closely with a principal supervisor and a supervisory panel, and are required to report on their progress each semester.

Course completion requirements

95590 Master of Pharmacy Thesis

Other information

For further information, contact UTS: Pharmacy: email pharmacy@uts.edu.au www.pharmacy.uts.edu.au www.gradschool.uts.edu.au

C03054v1 Master of Pharmaceutical Sciences (Research)

Award(s): Master of Pharmaceutical Sciences (Research) (MPharmSc(Res)) CRICOS code: 076139G Course EFTSL: 2

Overview

The Master of Pharmaceutical Sciences (Research) is intended for students who have completed a relevant degree in science, who wish to pursue a career in pharmaceutical sciences research or gain a competitive advantage in their career by completing an additional postgraduate qualification. Students in this course gain research skills, technical skills and expertise in their area of research interest and demonstrate their outstanding academic ability and commitment to pharmaceutical science through the completion of the degree.

The course gives students the opportunity to work with leading national and international researchers in their area of interest to develop and complete an original research project, which contributes to knowledge. Students gain research training and skills, as well as developing extensive knowledge and expertise in an area of research. Students are supported by a strong and vibrant research culture, both within the School and the University and have access to other researchers, a wide variety of workshops, the University library and research facilities.

Career options

The Master of Pharmaceutical Sciences (Research) is excellent preparation for those students who wish to pursue doctoral research study, a career in research or higher level pharmaceutical science positions. Career options include academic appointments, industy roles and advisory positions.

Admission requirements

Applicants must have completed a UTS recognised bachelor's degree, or an equivalent or higher qualification, or submitted other evidence of general and professional qualifications that demonstrates potential to pursue graduate research studies.

Applicants need to have completed a relevant bachelor's degree in science.

The English proficiency requirement for international students or local applicants with international qualifications is: Academic IELTS: 7.0 overall with a writing score of 7.0; or TOEFL: paper based: 584-609 overall with TWE of 5.0, internet based: 94-101 overall with a writing score of 23; or DEEP: B+; or PTE: 65-72; or CAE: 67-73

Eligibility for admission does not guarantee offer of a place.

International students

Visa requirement: To obtain a student visa to study in Australia, international students must enrol full time and on campus. Australian student visa regulations also require international students studying

on student visas to complete the course within the standard full-time duration. Students can extend their courses only in exceptional circumstances.

All applicants are required to contact UTS: Pharmacy prior to applying to establish eligibility and supervisory arrangements.

Course duration and attendance

The maximum course duration is two years full time or four years part time.

Students are also required to attend on-campus meetings with supervisors, research training sessions and other forums as required.

Course structure

This course consists of one thesis subject which is undertaken for the duration of the degree.

Students are required to undertake a candidature assessment at the end of the first two semesters for full-time students, and at the end of the first three semesters for part-time students. Students work closely with a principal supervisor and a supervisory panel, and are required to report on their progress each semester.

Course completion requirements

95591 Master of Pharmaceutical Sciences Thesis

Other information

For further information, contact UTS: Pharmacy: email pharmacy@uts.edu.au www.pharmacy.uts.edu.au www.gradschool.uts.edu.au

STUDY PACKAGE DIRECTORY

01101	25 DI 2016		48580	Advanced Control	6an	
CHUIC	CE BLOCKS		48581	Digital Electronics	6ср 6ср	
			48582	Power Systems Analysis and Design	6ср	
CBK900	05 Country major choice		48583	Power Systems Operation and Protection	6cp	
	credit points from the following options:	96ср	48600	Mechanical Design 1	6cp	
MAJ0891	. 1	96ср	48601	Mechanical Vibration and Measurement	6ср	
MAJ0891		96cp	48610	Introduction to Mechanical and	•	
MAJ0892	0 France	96cp		Mechatronic Engineering	6ср	
	1 Germany	96cp	48620	Fundamentals of Mechanical Engineering	6ср	
MAJ0892	3 Italy	96cp	48621	Manufacturing Engineering	6cp	
MAJ0892		96cp	48622	Mechatronics 1	6cp	
MAJ0892		96cp	48623 48640	Mechatronics 2	6cp	
MAJ0892		96cp	48641	Machine Dynamics Fluid Mechanics	6ср 6ср	
MAJ0893	2 Switzerland 3 Canada	96cp	48642	Strength of Engineering Materials	6ср	
	0 Latino USA	96cp 96cp	48650	Mechanical Design 2	6ср	
	4 Argentina	96cp	48651	Thermodynamics	6cp	
	9 Colombia	96cp	48660	Dynamics and Control	6ср	
,		Total 96cp	48661	Heat Transfer	6ср	
		1	48663	Advanced Manufacturing	6ср	
CBK900	09 Business IT sub-major choice		48662	Mechanical Applications	6cp	
Select 12	credit points from the following options:	12cp	48670	Mechanical and Mechatronic Design	6cp	
32509	Interaction Design	6ср	48720 48730	Network Fundamentals Authentication and System Security	6cp	
32531	Global Information Systems	6ср	48740	Communications Networks	6ср 6ср	
32536	Advanced Software Modelling	6ср	48750	Network Planning and Management	6ср	
32702	Contemporary Telecommunications	6cp	48770	Continuous Communications	6ср	
		Total 12cp	48771	Discrete Communications	6cp	
CBKOUU	10 No specified major		48780	Mobile Communications	6cp	
	e of the following:	6an	48821	Ecological Engineering	6ср	
4802	O	6ср 6ср	48840	Water Supply and Wastewater Engineering	6ср	
4822		6cp	48850	Environmental Planning and Law	6cp	
48016	Capstone Project Part A	6ср	48860	Pollution Control and Waste Management	6cp	
48026	Capstone Project Part B	6cp	48881	Water and Environmental Design	6cp	
48210	Interrogating Technology: Sustainability,	1	60101 68038	Chemistry and Materials Science Advanced Mathematics and Physics	6ср 6ср	
	Environment and Social Change	6ср	48410	Introduction to ICT Engineering	6ср	
	credit points from the following options:	96cp	48471	ICT Analysis	6ср	
48023	Programming Fundamentals	6cp	48481	ICT Design	6cp	
48024 48080	Applications Programming Introduction to Innovation	6ср 6ср	48221	Engineering Computations	6ср	
48330	Soil Behaviour	6cp	48321	Engineering Mechanics	6cp	
48331	Mechanics of Solids	6cp	48320	Surveying	6ср	
48340	Construction	6cp	48310	Introduction to Civil and Environmental Engineering	6cn	
48342	Structural Behaviour and Design	6cp		Liighteering	6cp Total	120ср
48349	Structural Analysis	6cp				r
48350 48352	Environmental and Sanitation Engineering Construction Materials	6cp	CBK900	11 Electives		
48353	Concrete Design	6ср 6ср	Select 24	credit points from the following options:		24cp
48360	Geotechnical Engineering	6ср	48023	Programming Fundamentals	6ср	
48362	Hydraulics and Hydrology	6cp	48024	Applications Programming	6ср	
48364	Materials Testing	6cp	48027	Language and Contexts of Australian		
48365	Materials Performance	6ср	40071	Engineering	6cp	
48366	Steel and Timber Design	6ср	48071 48080	Engineering Analytical Modelling Introduction to Innovation	6ср 6ср	
48370	Road and Transport Engineering	6ср	48211	Review of External Course	2cp	
48371	Advanced Engineering Computing	6cp	48221	Engineering Computations	6cp	
48372	Water Quantity and Quality Processes	6ср	48330	Soil Behaviour	6ср	
48389 48430	Computer Modelling and Design Embedded C	6cp	48331	Mechanics of Solids	6cp	
48433	Software Architecture	6ср 6ср	48340	Construction	6ср	
48434	Embedded Software	6ср	48349	Structural Analysis	6ср	
48440	Software Engineering Practice	6cp	48350	Environmental and Sanitation Engineering	6ср	
48441	Introductory Digital Systems	6cp	48352	Construction Materials	6cp	
48450	Real-time Operating Systems	6ср	48359	Structural Design 1	6cp	
48451	Advanced Digital Systems	6ср	48360	Geotechnical Engineering	6cp	
48510	Introduction to Electrical Engineering	6ср	48362 48369	Hydraulics and Hydrology Structural Design 2	6ср 6ср	
48520	Electronics and Circuits	6cp	48370	Road and Transport Engineering	6ср	
48521 48530	Fundamentals of Electrical Engineering	6cp	48389	Computer Modelling and Design	6ср	
48530 48531	Circuit Analysis Electromechanical Automation	6cp	48430	Embedded C	6ср	
48540	Signals and Systems	6ср 6ср	48433	Software Architecture	6cp	
48541	Signal Theory	6ср 6ср	48434	Embedded Software	6ср	
48550	Renewable Energy Systems	6ср	48440	Software Engineering Practice	6cp	
48551	Analog Electronics	6cp	48441	Introductory Digital Systems	6cp	
48560	Introductory Control	6ср	48450	Real-time Operating Systems	6cp	
48561	Power Electronics and Drives	6ср	48451	Advanced Digital Systems	6cp	
48570	Data Acquisition and Distribution	6ср	48510 48520	Introduction to Electrical Engineering Electronics and Circuits	6ср 6ср	
48571	Electrical Machines	6ср	48530	Circuit Analysis	6ср	
48572	Power Circuit Theory	6ср	10000		J-P	

48531	Electromechanical Automation	6ср	49136	Application of Timber in Engineering	
48540	Signals and Systems	6cp	17100	Structures	6ср
48541	Signal Theory	6cp	49150	Prestressed Concrete Design	6ср
48550	Renewable Energy Systems	6cp	49151	Concrete Technology and Practice	6cp
48551	Analog Electronics	6ср	49152	Rehabilitation of Concrete Structures	6cp
48560	Introductory Control	6ср	49225	Software Project Management	6ср
48561	Power Electronics and Drives	6ср	49247	Object-oriented Technology	6ср
48570	Data Acquisition and Distribution	6ср	49261	Biomedical Instrumentation	6ср
48610	Introduction to Mechanical and		49262	Web Technologies	6ср
40.000	Mechatronic Engineering	6ср	49274	Advanced Robotics	6ср
48620	Fundamentals of Mechanical Engineering	6cp	49275	Neural Networks and Fuzzy Logic	6cp
48621	Manufacturing Engineering	6cp	49285	Emergency Management	6cp
48622	Mechatronics 1	6ср	49286	Vehicle Design	6ср
48623	Mechatronics 2	6cp	49307	Internal Combustion Engines	6cp
48640	Machine Dynamics	6cp	49316 49321	Materials Handling	6cp
48641 48642	Fluid Mechanics	6cp	49321	Energy Conversion Airconditioning	6cp
48650	Strength of Engineering Materials Mechanical Design 2	6cp 6cp	49322	Vibration Analysis	6ср 6ср
48651	Thermodynamics	6ср	49325	Computer-aided Mechanical Design	6ср
48660	Dynamics and Control	6ср	49328	Turbomachines	6ср
48661	Heat Transfer	6ср	49329	Control of Mechatronic Systems	6ср
48662	Mechanical Applications	6cp	49330	Sensors and Signal Processing	6ср
48663	Advanced Manufacturing	6cp	49928	Design Optimisation for Manufacturing	6cp
48670	Mechanical and Mechatronic Design	6ср	49118	Applied Geotechnics	6ср
48720	Network Fundamentals	6cp	48033	Wireless Sensor Networks: Technology and	1
48730	Authentication and System Security	6cp		Applications	6ср
48740	Communications Networks	6cp	49255	Catchment Modelling	6cp
48750	Network Planning and Management	6ср	49256	Flood Estimation	6ср
48770	Continuous Communications	6ср	49257	Geographic Information Systems	6ср
48771	Discrete Communications	6ср	49048	Wireless Networking Technologies	6ср
48780	Mobile Communications	6ср	49099	GSM, GPRS and EDGE Technologies	6ср
48840	Water Supply and Wastewater Engineering	6ср	49110	3G Mobile Communication Systems	6ср
48850	Environmental Planning and Law	6ср	49201	Integrated Services Networks	6ср
48860	Pollution Control and Waste Management	6ср	49202	Communication Protocols	6ср
48901	Professional Service Project A	6ср	49205	Transmission Systems	6ср
48902	Professional Service Project B	6cp	49223	Satellite Communication Systems	6ср
48903	Professional Service Project C	4cp	49119	Problematic Soils and Ground	C
48904	Professional Service Project D	2cp	40054	Improvement Techniques	6ср
35010	Foundation Mathematics	6cp	49254	Advanced Soil Mechanics and Foundation	(
48342	Structural Behaviour and Design	6cp	10050	Design Revenuent Analysis and Design	6cp
48353 48364	Concrete Design Materials Testing	6cp 6cp	49258 49312	Pavement Analysis and Design Advanced Flow Modelling	6ср 6ср
48365	Materials Performance	6cp	49116	Contaminated Site and Waste Remediation	6ср
48366	Steel and Timber Design	6cp	49127	On-site Water and Wastewater Treatment	6ср
48371	Advanced Engineering Computing	6ср	41101	Fundamentals of Biomedical Engineering	6ср
48372	Water Quantity and Quality Processes	6ср	41105	Biomedical Signal and Image Processing	6ср
48821	Ecological Engineering	6ср	11100	220metreur organic until mange i roccoomig	Total 24cp
48881	Water and Environmental Design	6cp			-1
65111	Chemistry 1	6cp	CBK9001	4 200-level disciplinary choice: Cultural	l Studies
48521	Fundamentals of Electrical Engineering	6cp		edit points from the following options:	8ср
48571	Electrical Machines	6cp	58225	Introduction to Film Studies	8cp
48572	Power Circuit Theory	6ср	58320	Australian Fiction	8cp
48580	Advanced Control	6ср	58120	Creativity and Culture	8cp
48581	Digital Electronics	6ср		•	Total 8cp
48582	Power Systems Analysis and Design	6ср			-
48583	Power Systems Operation and Protection	6ср	CBK9001	5 300-level disciplinary choice: Cultural	l Studies
48600	Mechanical Design 1	6ср	Select 8 cr	edit points from the following options:	8ср
48601	Mechanical Vibration and Measurement	6ср	58323	Contemporary World Cinema	8ср
49006	Risk Management in Engineering	6ср	58217	Experiments in Culture	8cp
49016	Technology and Innovation	6an	58321	Australian Film	8ср
40047	Management Finite Element Analysis	6cp	58322	Screening the Past	8ср
49047 49049	Air and Noise Pollution	6cp			Total 8cp
49102	Traffic and Transportation	6cp 6cp	001/0004	/ 000 L L L L L L L L L L L L L L L L L	
49106	Road Engineering Practice	6ср	CRKAOOJ	6 200-level disciplinary choice: Social, F	olitical,
49107	Road Englicering Fractice		Historica	l Studies	
49108		6cn			
49109	Urban Stormwater Design	6cp		edit points from the following options:	8cp
17107	Urban Stormwater Design Local Government Powers and Practice	6ср 6ср		edit points from the following options: Ideology, Beliefs and Visions	8cp 8cp
	Urban Stormwater Design Local Government Powers and Practice Engineered Natural Water Treatment	6ср	Select 8 cr		8cp 8cp
49115	Urban Stormwater Design Local Government Powers and Practice Engineered Natural Water Treatment Systems	6cp 6cp	Select 8 cr 58218	Ideology, Beliefs and Visions Australian Pasts and Places Social Bodies	8cp
49115 49117	Urban Stormwater Design Local Government Powers and Practice Engineered Natural Water Treatment Systems Facade Engineering	6cp 6cp 6cp	Select 8 cro 58218 58224	Ideology, Beliefs and Visions Australian Pasts and Places	8cp 8cp 8cp 8cp
	Urban Stormwater Design Local Government Powers and Practice Engineered Natural Water Treatment Systems	6cp 6cp	Select 8 cro 58218 58224 58223	Ideology, Beliefs and Visions Australian Pasts and Places Social Bodies	8cp 8cp 8cp
49117 49121 49122	Urban Stormwater Design Local Government Powers and Practice Engineered Natural Water Treatment Systems Facade Engineering Floodplain Risk Management in NSW	6cp 6cp 6cp 6cp	Select 8 cm 58218 58224 58223 58228	Ideology, Beliefs and Visions Australian Pasts and Places Social Bodies Climate Change: Politics and Ecology	8cp 8cp 8cp 8cp Total 8cp
49117 49121 49122 49123	Urban Stormwater Design Local Government Powers and Practice Engineered Natural Water Treatment Systems Facade Engineering Floodplain Risk Management in NSW Environmental Assessment and Planning	6cp 6cp 6cp 6cp 6cp	Select 8 cm 58218 58224 58223 58228 CBK9001	Ideology, Beliefs and Visions Australian Pasts and Places Social Bodies Climate Change: Politics and Ecology 7 300-level disciplinary choice: Social, F	8cp 8cp 8cp 8cp Total 8cp
49117 49121 49122 49123 49124	Urban Stormwater Design Local Government Powers and Practice Engineered Natural Water Treatment Systems Facade Engineering Floodplain Risk Management in NSW Environmental Assessment and Planning Ecology and Sustainability	6cp 6cp 6cp 6cp 6cp 6cp	Select 8 cm 58218 58224 58223 58228	Ideology, Beliefs and Visions Australian Pasts and Places Social Bodies Climate Change: Politics and Ecology 7 300-level disciplinary choice: Social, F	8cp 8cp 8cp 8cp Total 8cp
49117 49121 49122 49123 49124 49125	Urban Stormwater Design Local Government Powers and Practice Engineered Natural Water Treatment Systems Facade Engineering Floodplain Risk Management in NSW Environmental Assessment and Planning Ecology and Sustainability Waste and Pollution Management Water Quality Management Environmental Risk Assessment	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Select 8 cm 58218 58224 58223 58228 CBK9001 Historica	Ideology, Beliefs and Visions Australian Pasts and Places Social Bodies Climate Change: Politics and Ecology 7 300-level disciplinary choice: Social, F	8cp 8cp 8cp 8cp Total 8cp
49117 49121 49122 49123 49124 49125 49126	Urban Stormwater Design Local Government Powers and Practice Engineered Natural Water Treatment Systems Facade Engineering Floodplain Risk Management in NSW Environmental Assessment and Planning Ecology and Sustainability Waste and Pollution Management Water Quality Management Environmental Risk Assessment Environmental Management of Land	6cp	Select 8 cm 58218 58224 58223 58228 CBK9001 Historica Select 8 cm 58316	Ideology, Beliefs and Visions Australian Pasts and Places Social Bodies Climate Change: Politics and Ecology 7 300-level disciplinary choice: Social, Fl Studies	8cp 8cp 8cp 8cp Total 8cp
49117 49121 49122 49123 49124 49125 49126 49131	Urban Stormwater Design Local Government Powers and Practice Engineered Natural Water Treatment Systems Facade Engineering Floodplain Risk Management in NSW Environmental Assessment and Planning Ecology and Sustainability Waste and Pollution Management Water Quality Management Environmental Risk Assessment Environmental Management of Land Bridge Design	6cp	Select 8 cm 58218 58224 58223 58228 CBK9001 Historica Select 8 cm 58316 58222	Ideology, Beliefs and Visions Australian Pasts and Places Social Bodies Climate Change: Politics and Ecology 7 300-level disciplinary choice: Social, Fl Studies edit points from the following options: Sex, Race and Empire Global Politics from Above and Below	8cp 8cp 8cp 8cp Total 8cp Political,
49117 49121 49122 49123 49124 49125 49126 49131 49132	Urban Stormwater Design Local Government Powers and Practice Engineered Natural Water Treatment Systems Facade Engineering Floodplain Risk Management in NSW Environmental Assessment and Planning Ecology and Sustainability Waste and Pollution Management Water Quality Management Environmental Risk Assessment Environmental Management of Land Bridge Design Stability of Structures	6cp	Select 8 cm 58218 58224 58223 58228 CBK9001 Historica Select 8 cm 58316 58222 58318	Ideology, Beliefs and Visions Australian Pasts and Places Social Bodies Climate Change: Politics and Ecology 7 300-level disciplinary choice: Social, Fl Studies edit points from the following options: Sex, Race and Empire Global Politics from Above and Below Gender, Culture, Power	8cp 8cp 8cp Total 8cp Political, 8cp 8cp 8cp 8cp
49117 49121 49122 49123 49124 49125 49126 49131 49132 49133	Urban Stormwater Design Local Government Powers and Practice Engineered Natural Water Treatment Systems Facade Engineering Floodplain Risk Management in NSW Environmental Assessment and Planning Ecology and Sustainability Waste and Pollution Management Water Quality Management Environmental Risk Assessment Environmental Management of Land Bridge Design Stability of Structures Steel and Composite Design	6cp	Select 8 cm 58218 58224 58223 58228 CBK9001 Historica Select 8 cm 58316 58222 58318 58319	Ideology, Beliefs and Visions Australian Pasts and Places Social Bodies Climate Change: Politics and Ecology 7 300-level disciplinary choice: Social, Fl Studies edit points from the following options: Sex, Race and Empire Global Politics from Above and Below Gender, Culture, Power Rights and Territories	8cp 8cp 8cp 8cp Total 8cp Political, 8cp 8cp 8cp 8cp 8cp
49117 49121 49122 49123 49124 49125 49126 49131 49132	Urban Stormwater Design Local Government Powers and Practice Engineered Natural Water Treatment Systems Facade Engineering Floodplain Risk Management in NSW Environmental Assessment and Planning Ecology and Sustainability Waste and Pollution Management Water Quality Management Environmental Risk Assessment Environmental Management of Land Bridge Design Stability of Structures Steel and Composite Design Structural Dynamics and Earthquake	6cp	Select 8 cm 58218 58224 58223 58228 CBK9001 Historica Select 8 cm 58316 58222 58318	Ideology, Beliefs and Visions Australian Pasts and Places Social Bodies Climate Change: Politics and Ecology 7 300-level disciplinary choice: Social, Fl Studies edit points from the following options: Sex, Race and Empire Global Politics from Above and Below Gender, Culture, Power	8cp 8cp 8cp 8cp Total 8cp Political, 8cp 8cp 8cp 8cp 8cp
49117 49121 49122 49123 49124 49125 49126 49131 49132 49133 49134	Urban Stormwater Design Local Government Powers and Practice Engineered Natural Water Treatment Systems Facade Engineering Floodplain Risk Management in NSW Environmental Assessment and Planning Ecology and Sustainability Waste and Pollution Management Water Quality Management Environmental Risk Assessment Environmental Management of Land Bridge Design Stability of Structures Steel and Composite Design Structural Dynamics and Earthquake Engineering	6cp	Select 8 cm 58218 58224 58223 58228 CBK9001 Historica Select 8 cm 58316 58222 58318 58319	Ideology, Beliefs and Visions Australian Pasts and Places Social Bodies Climate Change: Politics and Ecology 7 300-level disciplinary choice: Social, Fl Studies edit points from the following options: Sex, Race and Empire Global Politics from Above and Below Gender, Culture, Power Rights and Territories	8cp 8cp 8cp 8cp Total 8cp Political, 8cp 8cp 8cp 8cp 8cp
49117 49121 49122 49123 49124 49125 49126 49131 49132 49133	Urban Stormwater Design Local Government Powers and Practice Engineered Natural Water Treatment Systems Facade Engineering Floodplain Risk Management in NSW Environmental Assessment and Planning Ecology and Sustainability Waste and Pollution Management Water Quality Management Environmental Risk Assessment Environmental Management of Land Bridge Design Stability of Structures Steel and Composite Design Structural Dynamics and Earthquake	6cp	Select 8 cm 58218 58224 58223 58228 CBK9001 Historica Select 8 cm 58316 58222 58318 58319	Ideology, Beliefs and Visions Australian Pasts and Places Social Bodies Climate Change: Politics and Ecology 7 300-level disciplinary choice: Social, Fl Studies edit points from the following options: Sex, Race and Empire Global Politics from Above and Below Gender, Culture, Power Rights and Territories	8cp 8cp 8cp 8cp Total 8cp Political, 8cp 8cp 8cp 8cp 8cp

Select 8 credit points from the following options: 8cp CBK90019 200/300-level disciplinary choice 58219 Social Change Communication 8ср Select 8 credit points from the following options: 8cp 50001 Online Documentary 8cp Investigating Media, Reflective Practices 8cp Total 8cp 58221 Social Informatics 8ср 58226 Media, Mediation, Power 8ср CBK90033 300-level professional choice: Social Inquiry 58225 Introduction to Film Studies 8cp 58323 Contemporary World Cinema 8cp 8ср Select 8 credit points from the following options: Ideology, Beliefs and Visions 58218 8cp 50260 Parliamentary Placement 8ср 8ср 58224 Australian Pasts and Places 8cp Total 8cp 58314 Social Inquiry Placement 58223 Social Bodies 8ср Sex, Race and Empire 8ср 58316 58222 Global Politics from Above and Below 8cp CBK90034 200-level professional choice: Writing 8ср Gender, Culture, Power 58318 Select 16 credit points from the following options: 16cp 58227 Balancing World Views: Introduction to Imagining the Real Fictional Forms 58216 8ср Aboriginal Cultures 8cp 58121 8cp 58326 Australian Aboriginal Politics and History 8ср 8ср 58901 Screenwriting 58328 The New Economy of Post-Nature 8cp Total 16cp 8ср 58320 Australian Fiction Creativity and Culture Climate Change: Politics and Ecology 58120 8ср CBK90035 300-level professional choice: Writing 58228 8cp Select 16 credit points from the following options: 16ср 8ср 58127 Information Cultures 58313 Writing Laboratory 8ср 58202 Regulating Communication: Law, Ethics, 58900 Poetry 8cp Politics 8ср Writing Through Genre 8ср 58902 58325 Audiences, Users, Publics, Communities 8ср Total 16cp Transnational Media 58317 8cp 8ср 58322 Screening the Past CBK90036 No specified major 58321 Australian Film 8cp 8ср Select one of the following: 58217 Experiments in Culture 6ср Programming Fundamentals 8ср 58329 Culture, Science and Nature 48023 6ср 48221 Engineering Computations Rights and Territories 58319 8cp 6ср 48016 Capstone Project Part A 58327 Indigenous Futures 8cp 6ср 50251 Genocide Studies 8cp 48026 Capstone Project Part B 6ср 48210 Interrogating Technology: Sustainability, 58231 Organisational Communication 8ср Total 8cp Environment and Social Change 6ср Select 90 credit points from the following options: 90cp Programming Fundamentals CBK90022 200-level professional choice: Journalism 48023 6ср Select 16 credit points from the following options: 48024 Applications Programming 6ср 16cp 48080 Introduction to Innovation 6ср 58111 Reporting with Sound and Image 48330 Soil Behaviour 6ср 58112 Reporting and Editing for Print and Online 48331 Mechanics of Solids 6ср Journalism 8ср Storytelling, Narrative and Features 48340 Construction 58210 6ср 8cp Total 16cp 48342 Structural Behaviour and Design 6ср 48349 Structural Analysis 6ср 48350 Environmental and Sanitation Engineering CBK90023 300-level professional choice: Journalism 6ср 48352 Construction Materials 6ср Select 16 credit points from the following options: 16cp 48353 Concrete Design 6ср 58211 Specialist Reporting, Audiences and 48360 Geotechnical Engineering 6ср Interactivity 8ср Hydraulics and Hydrology 48362 6ср 58310 Media Hub 8ср Materials Testing 48364 6ср Online Documentary 50001 Materials Performance 48365 6ср Total 16cp 48366 Steel and Timber Design 6ср 48370 Road and Transport Engineering 6ср CBK90024 200-level professional choice: Media Arts and Advanced Engineering Computing 48371 6ср 48372 Water Quantity and Quality Processes 6ср Select 16 credit points from the following options: 16ср 48389 Computer Modelling and Design 6ср 8ср 58114 Fictions: Storytelling, Narrative and Drama 48430 Embedded C 6ср 8ср 58213 Research and Practice 48433 Software Architecture 6ср Composing the Real 58115 **Embedded Software** 48434 6ср Total 16cp Software Engineering Practice 48440 6ср 48441 Introductory Digital Systems 6ср CBK90025 300-level professional choice: Media Arts and 48450 Real-time Operating Systems 6ср **Production** 48451 Advanced Digital Systems 6ср 48510 Introduction to Electrical Engineering 6ср Select 16 credit points from the following options: 16cp 48520 Electronics and Circuits 6ср 58212 Aesthetics 8cp 8cp Fundamentals of Electrical Engineering Media Arts Project 48521 6ср 58311 48530 Circuit Analysis 6ср 50001 Online Documentary 48531 Electromechanical Automation Total 16cp 6ср 48540 Signals and Systems 6ср Signal Theory 48541 CBK90030 200-level professional choice: Social Inquiry 6ср 48550 Renewable Energy Systems 6ср Select 8 credit points from the following options: 48551 Analog Electronics 6ср Local Transformations 58124 8cp 48560 Introductory Control 6ср 8cp Total 8cp 58123 Society, Economy and Globalisation 48561 Power Electronics and Drives 6ср 48570 Data Acquisition and Distribution 6ср

CBK90032 300-level professional choice: Social Inquiry

CBK90018 200/300-level disciplinary choice

Free choice of electives.

48571	Electrical Machines	6ср	CBK900	39 Media Arts choice	
48572	Power Circuit Theory	6ср	Select 16	credit points from the following options:	16cp
48580	Advanced Control	6cp	57168	Sound and Interaction	8ср
48581	Digital Electronics	6cp	57179	Project Development and Creative Practice	8cp
48582	Power Systems Analysis and Design	6cp	57989		
48583	Power Systems Operation and Protection	6cp		Mise-en-Scene Creative Producing	8cp
48600	Mechanical Design 1	6ср	57175		8cp
48601	Mechanical Vibration and Measurement	6ср	57061	Issues in Documentary	8cp
48610	Introduction to Mechanical and	оср	57166	Documentary Production	8cp
40010		6an	57178	Digital and Multiplatform Storytelling	8cp
19620	Mechatronic Engineering	6cp	57173	Advanced Post Production	8cp
48620	Fundamentals of Mechanical Engineering	6cp	57176	Directing	8cp
48621	Manufacturing Engineering	6cp			Total 16cp
48622	Mechatronics 1	6cp			
48623	Mechatronics 2	6cp	CBK900	40 Media Production choice	
48640	Machine Dynamics	6ср	Select 16	credit points from the following options:	16cp
48641	Fluid Mechanics	6ср	57173	Advanced Post Production	8cp
48642	Strength of Engineering Materials	6ср	57175	Creative Producing	8cp
48650	Mechanical Design 2	6ср	57176	Directing	8cp
48651	Thermodynamics	6ср	57168	Sound and Interaction	8cp
48660	Dynamics and Control	6ср	57166	Documentary Production	8cp
48661	Heat Transfer	6ср	57178	Digital and Multiplatform Storytelling	8cp
48663	Advanced Manufacturing	6ср	57179	Project Development and Creative Practice	_ *
48662	Mechanical Applications	6cp	3/1/9	1 Toject Development and Creative I factice	8cp Total 16cp
48670	Mechanical and Mechatronic Design	6ср			iotai iocp
48720	Network Fundamentals	6cp	CBKOOO	42 Ontions	
48730	Authentication and System Security	6ср		42 Options	_
48740	Communications Networks	6ср		credit points from the following options:	24cp
48750	Network Planning and Management	6ср	76521	Intellectual Property and Traditional	
48770	Continuous Communications	6ср		Knowledge	6ср
48771	Discrete Communications	6cp	77794	International Environmental Law	6cp
48780	Mobile Communications	6cp	78008	Law of the Sea	6ср
48821	Ecological Engineering		76003	Asian Law and Legal Systems	6ср
48840		6cp	76005	Islamic Law	6ср
	Water Supply and Wastewater Engineering	6cp	76006	Public International Law	6ср
48850	Environmental Planning and Law	6ср	76007	International Human Rights Law	6cp
48860	Pollution Control and Waste Management	6cp	76008	Jurisprudence	6cp
48881	Water and Environmental Design	6cp	76012	Criminology	6ср
60101	Chemistry and Materials Science	6ср	76015	Labour Law	6ср
68038	Advanced Mathematics and Physics	6ср	76016	Advanced Revenue Law	6ср
48410	Introduction to ICT Engineering	6ср	76023	Deceptive Trade Practices and Product	оср
48471	ICT Analysis	6ср	70025	Liability	6cm
48481	ICT Design	6ср	76024	Environmental Law	6cp
		Total 114cp	76024	Competition Law	6cp
			76027	Jessup International Moot	6cp
CBK900	37 Options		76039	Research Thesis	6cp
Select 18	credit points from the following options:	18cp			6ср
013098	Independent Study Project 1	6ср	76042	Electronic Communications Content	C
013105	Language Development	6cp	76045	Regulation	6ср
013132	Technology Enhanced Language Learning	6cp	76045	Medicine and Law	6ср
013159	Independent Study Project 2	6cp	76047	Advanced Contracts	6cp
013121	Theory and Practice of Teaching English to	ocp.	76048	Citizenship and Immigration Law	6cp
010121	Speakers of other Languages	6ср	76052	Dispute Resolution Advocacy	6ср
013141	Language Programming and Assessment	6ср	76053	Industrial Law	6ср
013104	Language and Power	6ср	76063	Media Law	6ср
013117			76066	Children and the Law	6ср
013117	Theory and Practice of Literacy Learning and Change	6ср 6ср	76068	Indigenous Peoples and the Law	6ср
			76069	Community Justice Studies	6ср
010039 57999	Teaching English for Academic Purposes	6cp	76070	Biomedical Law and Bioethics	6cp
	Digital and Multiplatform Storytelling	6ср	76074	Australian Civil Liberties Law	6ср
013983	Academic Literacies in TESOL and Applied	6 000	76075	Contemporary Legal Studies 1	6ср
	Linguistics	6cp	76076	Contemporary Legal Studies 2	6ср
		Total 18cp	76080	Finance Law	6ср
CDIVOO	20 No specified maior		76115	Insolvency	6cp
CBK900	38 No specified major		76212	Revenue Law	6ср
This stud	y package allows candidates to tailor their own	program of	76516	Family Law	6cp
	various ways such as:	r0	76517	Succession	6cp
	bining technical subjects from two or more ma	ior arose	76703	Indigenous Peoples, the Environment and	1
				Property	6ср
	pleting more or fewer than the required	number of	76801	Exchange Subject 1	6cp
	agement subjects for individual major areas		76802	Exchange Subject 2	6ср
	bining any postgraduate engineering subjects i		76803	Exchange Subject 3	6ср
and	logical form based around some type of theme	!.	76804	Exchange Subject 4	6ср
A progra	m of subjects is normally identified prior to	enrolment,	76900	Moot	6ср
	tation with one or more academic members of		76901	Vis Arbitral Moot	6ср
	by the Director of PG coursework programs.	,	76002	Sports Law	6ср
			78021	Contemporary Issues in Constitutional	oc _P
Complet	ion requirements		, 5021	Law	6ср
-	ce of electives.		77704	European Union Law	6ср
1100 0101	of electives.		77704	Banking Law	6ср 6ср
			77713	Securities Markets Law	
			77901 78025		6cp
				Intellectual Property: Law and Policy	6cp
			76081	Gender, Law and Sexuality	6cp
			78040	The Law and Education	6ср

70040	E : (1D) : 1		010105	DI I ID III	,
78042	Environmental Planning and		013107	Phonology and Pronunciation	6ср
	DevelopmentLaw	6ср	013112	Research Design	6ср
76082	International Regulation of Financial		013113	Skill Learning and the Development of	
	Institutions	6ср		Expertise	6ср
STM9070	8 Practical Legal Training	12ср	013117	Theory and Practice of Literacy	6ср
78039	Wickedness and Vice	6ср	013120	The Psychology of Adult Development	6ср
76013	World Trade Law	6ср	013121	Theory and Practice of Teaching English to	
76037	Advanced Criminal Law	6ср		Speakers of other Languages	6ср
76009	Introduction to Chinese Business Law	6cp	013122	Understanding Adult Education and	1
76019	Broadcasting and Telecommunications	1		Training	6ср
	Regulation	6ср	013123	Work and Learning	6cp
76001	Comparative Law	6ср	013125	Adult Education: History, Policy and	I
76112	Conflict of Laws	6cp		Context	6ср
76020	Entertainment Law	6cp	013127	Communication Management	6ср
76021	Advanced Remedies	6cp	013128	Learning and Change in Organisations	6cp
78013	Refugee Law and Practice	6ср	013129	Effective Cognitive Learning Strategies	6ср
76010	Disability and the Law	6ср	013130	Education for Social Change 1	6ср
76022	Insurance Law	. *	013131	Education for Social Change 2	6ср
76022		6cp	013131	Technology Enhanced Language Learning	
	International Organisations	6cp			6cp
78030	Criminal Sentencing Law	6cp	013133	Individual Instruction for Diverse Learners	6cp
76904	Price International Media Law Moot	6cp	013134	Changing Practices Research Seminar	6ср
		Total 24cp	013135	Literary Theory and Education	6ср
001/000	(/ Education auticute (DO)		013136	Developing People and Teams	6cp
	44 Education subjects (PG)		013137	Educational Leadership	6cp
	credit points from the following options:	42cp	013138	Teaching and Learning in Higher Education	
013087	Discourse Analysis	6ср	013139	Assessing Learning	6ср
013090	e-Learning Design	6cp	013140	Simulation and Games	6ср
013091	e-Learning Experiences 1	6cp	013141	Language Programming and Assessment	6ср
013092	e-Learning Experiences 2	6ср	013142	Adult Learning and Program Development	6ср
013093	e-Learning Technologies	6cp	013143	Designs for Learning Research Seminar	6ср
013095	Global Englishes	6ср	013144	Learning and the Family	6ср
013096	Grammar and the Construction of Meaning	6cp	013145	Culture, Difference and Curriculum	6cp
013098	Independent Study Project 1	6ср	013146	Using Film for Critical Pedagogy	6cp
013104	Language and Power	6ср	013147	Human Resources and Organisational	I
013105	Language Development	6ср		Development	6ср
013106	Mentoring in the Workplace	. *	013159	Independent Study Project 2	6ср
013100		6cp	013952	Research Perspectives	6ср
013107	Phonology and Pronunciation	6cp	013951	Learning and Change	6ср
	Research Design	6ср	010701	Ecuriniz and Change	Total 12cp
013113	Skill Learning and the Development of	(iotai izep
010117	Expertise	6ср	CBK6UU%	7 Elective (e-Business)	
013117	Theory and Practice of Literacy	6ср			
013120	The Psychology of Adult Development	6ср	Free choic	e of electives.	
013120 013121	Theory and Practice of Teaching English to	-			
013121	Theory and Practice of Teaching English to Speakers of other Languages	6ср		e of electives. 9 Education subjects (PG)	
013121 013123	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning	-	CBK9004		24cp
013121	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and	6ср	CBK9004	9 Education subjects (PG)	24cp 6cp
013121 013123 013125	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context	6ср	CBK9004 Select 24 c	.9 Education subjects (PG) redit points from the following options:	1
013121 013123 013125 013127	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management	6cp 6cp	CBK9004 Select 24 c 013087	.9 Education subjects (PG) redit points from the following options: Discourse Analysis e-Learning Design	6cp 6cp
013121 013123 013125	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations	6cp 6cp	CBK9004 Select 24 c 013087 013090	redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1	6ср
013121 013123 013125 013127	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management	6cp 6cp 6cp 6cp 6cp	CBK9004 Select 24 c 013087 013090 013091 013092	redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2	6cp 6cp 6cp
013121 013123 013125 013127 013128	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations	6cp 6cp 6cp 6cp	CBK9004 Select 24 c 013087 013090 013091 013092 013093	redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies	6cp 6cp 6cp 6cp 6cp
013121 013123 013125 013127 013128 013129	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2	6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9004 Select 24 c 013087 013090 013091 013092 013093 013095	redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Global Englishes	6cp 6cp 6cp 6cp 6cp 6cp
013121 013123 013125 013127 013128 013129 013130	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2	6cp 6cp 6cp 6cp 6cp 6cp	CBK9004 Select 24 c 013087 013090 013091 013092 013093 013095 013096	redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Global Englishes Grammar and the Construction of Meaning	6cp 6cp 6cp 6cp 6cp 6cp 6cp
013121 013123 013125 013127 013128 013129 013130 013131	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9004 Select 24 c 013087 013090 013091 013092 013093 013095 013096 013098	redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Global Englishes Grammar and the Construction of Meaning Independent Study Project 1	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013121 013123 013125 013127 013128 013129 013130 013131 013132	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9004 Select 24 c 013087 013090 013091 013092 013093 013095 013096 013098 013104	redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Global Englishes Grammar and the Construction of Meaning Independent Study Project 1 Language and Power	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013121 013123 013125 013127 013128 013129 013130 013131 013132 013133	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9004 Select 24 c 013087 013090 013091 013092 013093 013095 013096 013098 013104 013105	redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Global Englishes Grammar and the Construction of Meaning Independent Study Project 1 Language and Power Language Development	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013121 013123 013125 013127 013128 013129 013130 013131 013132 013133 013134	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9004 Select 24 c 013087 013090 013091 013092 013093 013095 013096 013098 013104 013105 013106	redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Global Englishes Grammar and the Construction of Meaning Independent Study Project 1 Language and Power Language Development Mentoring in the Workplace	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013121 013123 013125 013127 013128 013129 013130 013131 013132 013133 013134 013135	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9004 Select 24 c 013087 013090 013091 013092 013093 013095 013096 013104 013105 013106 013107	redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Global Englishes Grammar and the Construction of Meaning Independent Study Project 1 Language and Power Language Development Mentoring in the Workplace Phonology and Pronunciation	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013121 013123 013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9004 Select 24 c 013087 013090 013091 013092 013093 013095 013096 013104 013105 013106 013107 013112	redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Global Englishes Grammar and the Construction of Meaning Independent Study Project 1 Language and Power Language Development Mentoring in the Workplace Phonology and Pronunciation Research Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013121 013123 013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9004 Select 24 c 013087 013090 013091 013092 013093 013095 013096 013104 013105 013106 013107	redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Global Englishes Grammar and the Construction of Meaning Independent Study Project 1 Language and Power Language Development Mentoring in the Workplace Phonology and Pronunciation Research Design Skill Learning and the Development of	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013121 013123 013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013139	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9004 Select 24 c 013087 013090 013091 013092 013093 013096 013098 013104 013105 013106 013107 013112 013113	redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Global Englishes Grammar and the Construction of Meaning Independent Study Project 1 Language and Power Language Development Mentoring in the Workplace Phonology and Pronunciation Research Design Skill Learning and the Development of Expertise	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013121 013123 013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013139 013140	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9004 Select 24 c 013087 013090 013091 013092 013095 013096 013098 013104 013105 013106 013107 013112 013117	redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Global Englishes Grammar and the Construction of Meaning Independent Study Project 1 Language and Power Language Development Mentoring in the Workplace Phonology and Pronunciation Research Design Skill Learning and the Development of Expertise Theory and Practice of Literacy	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013121 013123 013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013139 013140 013141	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9004 Select 24 c 013087 013090 013091 013092 013095 013096 013098 013104 013105 013106 013107 013112 013117 013120	redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Global Englishes Grammar and the Construction of Meaning Independent Study Project 1 Language and Power Language Development Mentoring in the Workplace Phonology and Pronunciation Research Design Skill Learning and the Development of Expertise Theory and Practice of Literacy The Psychology of Adult Development	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013121 013123 013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013139 013140 013141 013142	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment Adult Learning and Program Development	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9004 Select 24 c 013087 013090 013091 013092 013095 013096 013098 013104 013105 013106 013107 013112 013117	redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Global Englishes Grammar and the Construction of Meaning Independent Study Project 1 Language and Power Language Development Mentoring in the Workplace Phonology and Pronunciation Research Design Skill Learning and the Development of Expertise Theory and Practice of Literacy The Psychology of Adult Development Theory and Practice of Teaching English to	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013121 013123 013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013139 013140 013141 013142	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9004 Select 24 c 013087 013090 013091 013092 013095 013096 013098 013104 013105 013106 013107 013112 013113	redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Global Englishes Grammar and the Construction of Meaning Independent Study Project 1 Language and Power Language Development Mentoring in the Workplace Phonology and Pronunciation Research Design Skill Learning and the Development of Expertise Theory and Practice of Literacy The Psychology of Adult Development Theory and Practice of Teaching English to Speakers of other Languages	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013121 013123 013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013139 013140 013141 013142 013143	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Culture, Difference and Curriculum	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9004 Select 24 c 013087 013090 013091 013092 013095 013096 013098 013104 013105 013106 013107 013112 013117 013120	redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Global Englishes Grammar and the Construction of Meaning Independent Study Project 1 Language and Power Language Development Mentoring in the Workplace Phonology and Pronunciation Research Design Skill Learning and the Development of Expertise Theory and Practice of Literacy The Psychology of Adult Development Theory and Practice of Teaching English to Speakers of other Languages Understanding Adult Education and	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013121 013123 013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013139 013140 013141 013141 013142 013143 013145 013146	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Culture, Difference and Curriculum Using Film for Critical Pedagogy	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9004 Select 24 c 013087 013090 013091 013092 013093 013095 013096 013098 013104 013105 013107 013112 013113 013117 013120 013121	redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Global Englishes Grammar and the Construction of Meaning Independent Study Project 1 Language and Power Language Development Mentoring in the Workplace Phonology and Pronunciation Research Design Skill Learning and the Development of Expertise Theory and Practice of Literacy The Psychology of Adult Development Theory and Practice of Teaching English to Speakers of other Languages Understanding Adult Education and Training	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
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013121 013123 013125 013127 013128 013129 013130 013131 013132 013133 013133 013134 013137 013138 013139 013140 013141 013142 013143 013145 013146 013147 013144 013952 013951 CBK9006 Select 12 013087	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Culture, Difference and Curriculum Using Film for Critical Pedagogy Human Resources and Organisational Development Learning and the Family Research Perspectives Learning and Change	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9004 Select 24 c 013087 013090 013091 013092 013098 013096 013098 013104 013105 0131106 013107 013112 013113 013117 013120 013121 013122 013123 013125 013127 013128 013129 013130 013131 013132 013131	redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Global Englishes Grammar and the Construction of Meaning Independent Study Project 1 Language and Power Language Development Mentoring in the Workplace Phonology and Pronunciation Research Design Skill Learning and the Development of Expertise Theory and Practice of Literacy The Psychology of Adult Development Theory and Practice of Teaching English to Speakers of other Languages Understanding Adult Education and Training Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
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013121 013123 013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013139 013140 013141 013142 013143 013145 013146 013147 013144 013952 013951 CBK900 Select 12 013087 013096 013098 013104	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Culture, Difference and Curriculum Using Film for Critical Pedagogy Human Resources and Organisational Development Learning and the Family Research Perspectives Learning and Change 45 Education subjects (PG) credit points from the following options: Discourse Analysis Global Englishes Grammar and the Construction of Meaning Independent Study Project 1 Language and Power	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9004 Select 24 ct 013087 013090 013091 013092 013093 013095 013096 013098 013104 013107 013112 013113 013117 013120 013121 013122 013123 013125 013127 013128 013129 013130 013131 013131 013131 013132 013133 013134 013135 013136	redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Global Englishes Grammar and the Construction of Meaning Independent Study Project 1 Language and Power Language Development Mentoring in the Workplace Phonology and Pronunciation Research Design Skill Learning and the Development of Expertise Theory and Practice of Literacy The Psychology of Adult Development Theory and Practice of Teaching English to Speakers of other Languages Understanding Adult Education and Training Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership	6cp
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013121 013123 013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013139 013140 013141 013142 013143 013145 013146 013147 013144 013952 013951 CBK900 Select 12 013087 013096 013098 013104	Theory and Practice of Teaching English to Speakers of other Languages Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Culture, Difference and Curriculum Using Film for Critical Pedagogy Human Resources and Organisational Development Learning and the Family Research Perspectives Learning and Change 45 Education subjects (PG) credit points from the following options: Discourse Analysis Global Englishes Grammar and the Construction of Meaning Independent Study Project 1 Language and Power	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9004 Select 24 ct 013087 013090 013091 013092 013093 013095 013096 013098 013104 013107 013112 013113 013117 013120 013121 013122 013123 013125 013127 013128 013129 013130 013131 013131 013131 013132 013133 013134 013135 013136	redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Global Englishes Grammar and the Construction of Meaning Independent Study Project 1 Language and Power Language Development Mentoring in the Workplace Phonology and Pronunciation Research Design Skill Learning and the Development of Expertise Theory and Practice of Literacy The Psychology of Adult Development Theory and Practice of Teaching English to Speakers of other Languages Understanding Adult Education and Training Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership	6cp

013141							
	Language Programming and Assessment	6ср		024713	Teaching English to International Students	6ср	
						. *	
013142	Adult Learning and Program Development	6cp		026702	Music and Society	6cp	
013143	Designs for Learning Research Seminar	6ср		020705	Educational Drama	6ср	
013144	Learning and the Family	6ср		020705	Educational Drama	6ср	
013145	Culture, Difference and Curriculum	6cp		022203	HSIE Study 2: Conflicts and Resolutions	6cp	
						оср	
013146	Using Film for Critical Pedagogy	6ср		022204	HSIE Study 3: Multicultural Australia in its		
013147	Human Resources and Organisational				Asia-Pacific Regional Context, Implications		
	Development	6ср			for Teaching	6ср	
013139	Assessing Learning	6cp		028412	Science and Technology Study 2: Science	1	
				020112		600	
013951	Learning and Change	6cp			and Technology in Daily Life	6ср	
013952	Research Perspectives	6ср		028413	Science and Technology Study 3: Issues in		
		Total	l 24cp		Science, Technology and Society	6ср	
			1	024413	English Study 3: The Literature of Protest	6cp	
CBKOUU	50 Education subjects (PG)					оср	
				024414	English Study 4: Cultural and Textual	,	
Select 48 o	credit points from the following options:		48cp		Cross-currents	6ср	
013087	Discourse Analysis	6ср	-	020412	Art Study 2: A Sense of Place	6ср	
013090	e-Learning Design	6cp		020413	Art Study 3: Stories, Myths and Truth	6ср	
				027411	PDHPE Study 1: Theory and Practice of	· · · · ·	
013091	e-Learning Experiences 1	6cp		027 111			
013092	e-Learning Experiences 2	6ср			Personal Development Health and Physical		
013093	e-Learning Technologies	6ср			Education and Support	6ср	
013095	Global Englishes	6cp		024422	Children's Theatre and Creative Arts Study		
					2: Acting and Performing Skills - Genres		
013096	Grammar and the Construction of Meaning	6cp				600	
013098	Independent Study Project 1	6ср		004400	for Children	6ср	
013104	Language and Power	6ср		024423	Children's Theatre and Creative Arts Study		
013105	Language Development	6ср			3: Production and Direction	6cp	
013106	Mentoring in the Workplace	6cp				Tot	al 6cp
							o-F
013107	Phonology and Pronunciation	6ср		CDMOODE	O No anacified mater		
013112	Research Design	6ср		CBKA002	3 No specified major		
013113	Skill Learning and the Development of	•		48006	Capstone Project		6ср
	Expertise	6ср			of the following:		6ср
012117					0	(оср
013117	Theory and Practice of Literacy	6ср		48023		6ср	
013120	The Psychology of Adult Development	6ср		48221	Engineering Computations	6ср	
013121	Theory and Practice of Teaching English to	_		Select 90 c	redit points from the following options:	_	90cp
	Speakers of other Languages	6ср		48023	Programming Fundamentals	6ср	·······································
012122		оср					
013122	Understanding Adult Education and	_		48024	Applications Programming	6ср	
	Training	6ср		48080	Introduction to Innovation	6ср	
013123	Work and Learning	6ср		48210	Interrogating Technology: Sustainability,		
013125	Adult Education: History, Policy and	1			Environment and Social Change	6ср	
010120	Context	6 000		48330	Soil Behaviour		
04040=		6cp				6cp	
013127	Communication Management	6ср		48331	Mechanics of Solids	6ср	
013129	Effective Cognitive Learning Strategies	6ср		48340	Construction	6ср	
013128	Learning and Change in Organisations	6ср		48342	Structural Behaviour and Design	6ср	
013130	Education for Social Change 1			48349	Structural Analysis	6cp	
		6ср		40047	Structural Ariarysis	ocp	
	E1 ((C · 1Cl)			40050	E · · · · · · · · · · · · · · · · · · ·		
013131	Education for Social Change 2	6ср		48350	Environmental and Sanitation Engineering	6cp	
	Education for Social Change 2 Technology Enhanced Language Learning	6ср 6ср		48350 48352	Environmental and Sanitation Engineering Construction Materials	6cp 6cp	
013131 013132	Technology Enhanced Language Learning	6cp		48352	Construction Materials	6ср	
013131 013132 013133	Technology Enhanced Language Learning Individual Instruction for Diverse Learners	6cp 6cp		48352 48353	Construction Materials Concrete Design	6cp 6cp	
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013131 013132 013133 013134 013135 013136	Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams	6cp 6cp 6cp 6cp		48352 48353 48360 48362 48364	Construction Materials Concrete Design Geotechnical Engineering Hydraulics and Hydrology Materials Testing	6cp 6cp 6cp 6cp	
013131 013132 013133 013134 013135 013136 013137	Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership	6cp 6cp 6cp 6cp 6cp		48352 48353 48360 48362 48364 48365	Construction Materials Concrete Design Geotechnical Engineering Hydraulics and Hydrology Materials Testing Materials Performance	6cp 6cp 6cp 6cp 6cp	
013131 013132 013133 013134 013135 013136 013137 013138	Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education	6cp 6cp 6cp 6cp 6cp 6cp		48352 48353 48360 48362 48364 48365 48366	Construction Materials Concrete Design Geotechnical Engineering Hydraulics and Hydrology Materials Testing Materials Performance Steel and Timber Design	6cp 6cp 6cp 6cp 6cp 6cp	
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013131 013132 013133 013134 013135 013136 013137 013138 013139 013140	Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		48352 48353 48360 48362 48364 48365 48366 48370 48371	Construction Materials Concrete Design Geotechnical Engineering Hydraulics and Hydrology Materials Testing Materials Performance Steel and Timber Design Road and Transport Engineering Advanced Engineering Computing	6cp 6cp 6cp 6cp 6cp 6cp 6cp	
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10/10				3.5 to 10. 75 to 10.	
48610	Introduction to Mechanical and		78029	Mediation Practice	6ср
	Mechatronic Engineering	6ср	77889	Trade Marks Law	6ср
48620	Fundamentals of Mechanical Engineering	6ср	77890	Trade Marks Practice	6ср
48621	Manufacturing Engineering	6ср	78036	Technology, Law and the Future of	
48622	Mechatronics 1	6ср		Entertainment	6ср
48623	Mechatronics 2	6ср	78039	Wickedness and Vice	6ср
48640	Machine Dynamics	6cp	78041	New Families, New Technologies	6cp
48641	Fluid Mechanics	6ср	78040	The Law and Education	6ср
48642	Strength of Engineering Materials	6cp	78042	Environmental Planning and	···r
48650	Mechanical Design 2	6cp	70012	DevelopmentLaw	6ср
48651	Thermodynamics	6cp	76008	Jurisprudence	6ср
48660	Dynamics and Control		76024	Environmental Law	
	5	6cp			6cp
48661	Heat Transfer	6ср	76053	Industrial Law	6ср
48663	Advanced Manufacturing	6ср	76115	Insolvency	6ср
48662	Mechanical Applications	6ср	76212	Revenue Law	6ср
48670	Mechanical and Mechatronic Design	6ср	78111	Banking and Finance Law	6ср
48720	Network Fundamentals	6ср	78113	Securities Regulation	6ср
48730	Authentication and System Security	6ср	78115	Financial Analysis for the Transactional	
48740	Communications Networks	6ср		Lawyer	6ср
48750	Network Planning and Management	6ср	78117	International Regulation of Financial	
48770	Continuous Communications	6ср		Institutions	6ср
48771	Discrete Communications	6cp	78122	Corporate Insolvency	6cp
48780	Mobile Communications	6cp	78126	Corporate Governance	6cp
48821	Ecological Engineering	6ср	78129	Child Law in Australia	6ср
48840	Water Supply and Wastewater Engineering	6cp	78131	Complex Parenting Disputes	6ср
48850	Environmental Planning and Law	6cp	78133	Complex Financial and Property Disputes	оср
48860	Pollution Control and Waste Management		70133		6an
		6cp	70125	(in Family Law)	6cp
48881	Water and Environmental Design	6ср	78135	Current Issues in Family Law	6ср
60101	Chemistry and Materials Science	6ср	78138	Facilitation	6ср
68038	Advanced Mathematics and Physics	6ср	78141	International and Comparative Family	
48410	Introduction to ICT Engineering	6ср		Law	6ср
48471	ICT Analysis	6ср	78145	Contemporary Issues in Health Law	6ср
48481	ICT Design	6ср	78147	Dilemmas in Biomedical Law	6ср
		Total 102cp	78150	Law and Mental Health	6ср
		•	78153	International Commercial Transactions	6ср
CBK9005	54 No specified major		78156	International Environmental Law: Policy	1
	credit points from the following options:	30ср		and Implementation	6ср
77746	Advanced Mediation		78158	Private International Law	6cp
77945		6cp	78160	Rights and Obligations in the International	ocp
	Current Issues in Taxation	6cp	70100	Legal System	6ср
77715	Banking Law	6ср	78162	Global Governance and Social Justice	6ср
77752	Commercial Arbitration (Domestic)	6ср	78164		
77903	Copyright Law	6ср		Law and Regulation	6ср
77792	Crisis Negotiation	6ср	78166	Media and Entertainment Law and	(
77893	Designs Law and Practice	6ср	204 60	Regulation	6ср
79771	Dispute Resolution	6ср	78168	Perspectives on Regulation	6ср
77761	Dispute Resolution in Commerce	6ср	78170	Regulatory Strategies and Compliance	
77704	European Union Law	6ср		Principles	6ср
77760	Family Dispute Resolution	6ср	78178	Telecommunications Law and Regulations	6ср
77900	Goods and Services Tax	6cp	78173	Dispute Resolution in Civil Practice	6ср
77724	International Banking and Finance Law	6cp	78101	Postgraduate Legal Research	6ср
77751	International Commercial	· · I	78180	Converging Media Industries: Regulatory	-
,,,,,,	Arbitration	6ср		Challenges	
77935					6cp
	International Business Law		78181		6ср 6ср
	International Business Law International Economic Law (PC)	6ср	78181 78182	Deceptive Trade Practices	6ср
77701	International Economic Law (PG)	6ср 6ср	78182	Deceptive Trade Practices Human Rights Law	6ср 6ср
77701 77794	International Economic Law (PG) International Environmental Law	6cp 6cp 6cp	78182 78188	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation	6cp 6cp 6cp
77701 77794 77953	International Economic Law (PG) International Environmental Law International Taxation Law	6cp 6cp 6cp	78182 78188 78184	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy	6ср 6ср
77701 77794 77953 77716	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law	6cp 6cp 6cp	78182 78188	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional	6cp 6cp 6cp 6cp
77701 77794 77953	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and	6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge	6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice	6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law	6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation	6cp 6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105 78107	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets	6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic	6cp 6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898 77850	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution	6cp 6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105 78107 78109	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105 78107 78109 78197	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Finance Transactions 1	6cp 6cp 6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898 77850	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105 78107 78109 78197 78199	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Finance Transactions 1 Corporate Finance Transactions 2	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898 77850 77740	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105 78107 78109 78197 78199 78201	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Finance Transactions 1 Corporate Finance Transactions 2 International Development Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898 77850 77740 77767	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105 78107 78109 78197 78199	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Finance Transactions 1 Corporate Finance Transactions 2	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898 77850 77740 77767 77796 77924	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105 78107 78109 78197 78199 78201	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Finance Transactions 1 Corporate Finance Transactions 2 International Development Law International Organisations	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898 77850 77740 77767 77796 77924 77867	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105 78107 78109 78197 78199 78201 78206	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Finance Transactions 1 Corporate Finance Transactions 2 International Development Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898 77850 77740 77767 77796 77924 77867 77734	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105 78107 78109 78197 78199 78201 78206 78209	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Finance Transactions 1 Corporate Finance Transactions 2 International Development Law International Organisations Taxation of Commercial Enterprises Law and Literature	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898 77850 77740 77767 77796 77924 77867	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine International Commercial Dispute	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105 78107 78109 78199 78201 78206 78209 78210	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Finance Transactions 1 Corporate Finance Transactions 2 International Development Law International Organisations Taxation of Commercial Enterprises	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898 77850 77740 77767 77796 77924 77867 77734 77783	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine International Commercial Dispute Resolution	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105 78107 78109 78199 78201 78206 78209 78210	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Finance Transactions 1 Corporate Finance Transactions 2 International Development Law International Organisations Taxation of Commercial Enterprises Law and Literature Communications and Technology:	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898 77850 77740 77767 77796 77924 77867 77734 777783	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine International Commercial Dispute Resolution Securities Markets Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105 78107 78109 78199 78201 78206 78209 78210	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Finance Transactions 1 Corporate Finance Transactions 2 International Development Law International Organisations Taxation of Commercial Enterprises Law and Literature Communications and Technology:	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898 77850 77740 77767 77796 77794 777867 777783 777783	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine International Commercial Dispute Resolution Securities Markets Law Insurance Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105 78107 78109 78197 78199 78201 78206 78209 78210 78212	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Finance Transactions 1 Corporate Finance Transactions 2 International Development Law International Organisations Taxation of Commercial Enterprises Law and Literature Communications and Technology: A Primer	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898 77850 77740 77767 77796 77924 77867 77734 77783 77901 77930 78008	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine International Commercial Dispute Resolution Securities Markets Law Insurance Law Law of the Sea	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105 78107 78109 78197 78199 78201 78206 78209 78210 78212	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Finance Transactions 1 Corporate Finance Transactions 2 International Development Law International Organisations Taxation of Commercial Enterprises Law and Literature Communications and Technology: A Primer	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898 77850 77740 77767 77796 77924 77867 77734 77783 77901 77930 78008 78010	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine International Commercial Dispute Resolution Securities Markets Law Insurance Law Law of the Sea International Criminal Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105 78107 78109 78197 78199 78201 78206 78209 78210 78212 CBK9005 Select 6 cre	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Finance Transactions 1 Corporate Finance Transactions 2 International Development Law International Organisations Taxation of Commercial Enterprises Law and Literature Communications and Technology: A Primer	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898 77850 77740 77767 77796 77924 77867 77734 77783 77901 77930 78008 78010 78011	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine International Commercial Dispute Resolution Securities Markets Law Insurance Law Law of the Sea International Criminal Law International Sale of Goods	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105 78107 78109 78199 78201 78206 78209 78210 78212 CBK9005 Select 6 cre	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Finance Transactions 1 Corporate Finance Transactions 2 International Development Law International Organisations Taxation of Commercial Enterprises Law and Literature Communications and Technology: A Primer 66 Nursing subjects (PG) edit points from the following options: Health Breakdown	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898 77850 77740 77767 77796 77924 77867 77734 77783 77901 77930 78008 78010	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine International Commercial Dispute Resolution Securities Markets Law Insurance Law Law of the Sea International Criminal Law International Sale of Goods Global Aspects of Intellectual Property	6cp	78182 78188 78184 78186 78105 78107 78109 78199 78201 78206 78209 78210 78212 CBK9005 Select 6 cre 92713 92847	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Finance Transactions 1 Corporate Finance Transactions 2 International Development Law International Organisations Taxation of Commercial Enterprises Law and Literature Communications and Technology: A Primer 66 Nursing subjects (PG) edit points from the following options: Health Breakdown Planning and Evaluating Health Services	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898 77850 77740 77767 77796 77924 77867 77734 77783 77901 77930 78008 78010 78011 78015	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine International Commercial Dispute Resolution Securities Markets Law Insurance Law Law of the Sea International Criminal Law International Sale of Goods Global Aspects of Intellectual Property Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105 78107 78109 78197 78199 78201 78206 78209 78210 78212 CBK9005 Select 6 cre 92713 92847 92848	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Finance Transactions 1 Corporate Finance Transactions 2 International Development Law International Organisations Taxation of Commercial Enterprises Law and Literature Communications and Technology: A Primer 66 Nursing subjects (PG) edit points from the following options: Health Breakdown	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898 77850 77740 77767 77796 77924 77867 77734 77783 77901 77930 78008 78010 78011	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine International Commercial Dispute Resolution Securities Markets Law Insurance Law Law of the Sea International Criminal Law International Sale of Goods Global Aspects of Intellectual Property	6cp	78182 78188 78184 78186 78105 78107 78109 78197 78199 78201 78206 78209 78210 78212 CBK9005 Select 6 cre 92713 92847 92848 92871	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Finance Transactions 1 Corporate Finance Transactions 2 International Development Law International Organisations Taxation of Commercial Enterprises Law and Literature Communications and Technology: A Primer 66 Nursing subjects (PG) edit points from the following options: Health Breakdown Planning and Evaluating Health Services Facilitation of Clinical Learning Perinatal Development	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898 77850 77740 77767 77796 77924 77867 77734 77783 77901 77930 78008 78010 78011 78015	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine International Commercial Dispute Resolution Securities Markets Law Insurance Law Law of the Sea International Criminal Law International Sale of Goods Global Aspects of Intellectual Property Law International Humanitarian Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105 78107 78109 78197 78199 78201 78206 78209 78210 78212 CBK9005 Select 6 cre 92713 92847 92848 92871 92878	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Finance Transactions 1 Corporate Finance Transactions 2 International Development Law International Organisations Taxation of Commercial Enterprises Law and Literature Communications and Technology: A Primer 66 Nursing subjects (PG) edit points from the following options: Health Breakdown Planning and Evaluating Health Services Facilitation of Clinical Learning	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898 77850 77740 77767 77796 77924 77867 77734 7783 77901 77930 78008 78010 78011 78015	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine International Commercial Dispute Resolution Securities Markets Law Insurance Law Law of the Sea International Criminal Law International Sale of Goods Global Aspects of Intellectual Property Law International Humanitarian Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105 78107 78109 78197 78199 78201 78206 78209 78210 78212 CBK9005 Select 6 cre 92713 92847 92848 92871	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Finance Transactions 1 Corporate Finance Transactions 2 International Development Law International Organisations Taxation of Commercial Enterprises Law and Literature Communications and Technology: A Primer 66 Nursing subjects (PG) edit points from the following options: Health Breakdown Planning and Evaluating Health Services Facilitation of Clinical Learning Perinatal Development Care of the Child in Illness and Disability	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898 77850 77740 77767 77796 77924 77867 77734 777783 77901 77930 78008 78010 78011 78015 78016 STM901111	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine International Commercial Dispute Resolution Securities Markets Law Insurance Law Law of the Sea International Criminal Law International Sale of Goods Global Aspects of Intellectual Property Law International Humanitarian Law Research project (Law PG)	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105 78107 78109 78197 78199 78201 78206 78209 78210 78212 CBK9005 Select 6 cre 92713 92847 92848 92871 92878	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Finance Transactions 1 Corporate Finance Transactions 2 International Development Law International Organisations Taxation of Commercial Enterprises Law and Literature Communications and Technology: A Primer 66 Nursing subjects (PG) edit points from the following options: Health Breakdown Planning and Evaluating Health Services Facilitation of Clinical Learning Perinatal Development Care of the Child in Illness and Disability Foundations of Perioperative Nursing	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
77701 77794 77953 77716 77976 77745 77898 77850 77740 77767 77796 77924 77867 77734 777783 77901 77930 78008 78010 78011 78015 78016 STM901111	International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine International Commercial Dispute Resolution Securities Markets Law Insurance Law Law of the Sea International Criminal Law International Sale of Goods Global Aspects of Intellectual Property Law International Humanitarian Law Research project (Law PG) International Trade Law and the	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	78182 78188 78184 78186 78105 78107 78109 78197 78199 78201 78206 78209 78210 78212 CBK9005 Select 6 cre 92713 92847 92848 92871 92878 92881	Deceptive Trade Practices Human Rights Law Intellectual Property Commercialisation Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Finance Transactions 1 Corporate Finance Transactions 2 International Development Law International Organisations Taxation of Commercial Enterprises Law and Literature Communications and Technology: A Primer 66 Nursing subjects (PG) edit points from the following options: Health Breakdown Planning and Evaluating Health Services Facilitation of Clinical Learning Perinatal Development Care of the Child in Illness and Disability Foundations of Perioperative Nursing Techniques in Perioperative Nursing	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp

92895	Issues in Neonatal Care	6ср		24202	Consumer Behaviour	6ср	
92902	Care of the Acutely Ill Child	6cp		24205	Business-to-Business Marketing	6ср	
92905	Dimensions of Anaesthesia Nursing	6ср		24210	Integrated Marketing Communications	6cp	
92760	Fundamentals of Postanaesthesia Recovery	ocp		24220	International Marketing	6ср	
) 2 /00	Nursing	6ср		21220	international marketing	Total	1 6cn
92917	Using Health Care Data for Decision	оср				1014	госр
92917	Making	6cm		CBKONN	6 Electives (Business, IT, Law)		
02019	0	6cp					0.4
92918	Fundamentals of Critical Care Nursing	6cp			redit points from the following options:		24cp
92919	Complex Critical Care	6cp		31030	Project	6ср	
92920	Neuroscience: Trauma and Cerebrovascular	6ср		31080	Digital Multimedia	6ср	
92921	Neuroscience: Degenerative and			31096	Managing Client/Vendor Relations	6ср	
	Oncological	6ср		31097	IT Operations Management	6ср	
92932	Management for Clinicians	6ср		31100	Enterprise Development with .NET	6ср	
92721	Health Promotion and Health Education	6ср		31335	Extreme Programming	6ср	
92876	Therapeutic Interventions in Mental Health			31338	Network Servers	6ср	
	Care	6ср		31777	Human-Computer Interaction	6cp	
92964	Child and Adolescent Mental Health			31927	Application Development with .NET	6ср	
	Disorders	6ср		31950	Networked Enterprise Design	6cp	
92603	Managing Quality, Risk and Cost in Health	-		31005	Data Mining Algorithms	6ср	
	Care	6ср		31091	Mobile Computing Project	6ср	
92604	Mental Health Assessment	6cp		01071	Woone companing Project	Total	24cn
92605	Therapeutic Interventions in Mental Health	1				10tai	zicp
	Care 2	6ср		CBK9007	8 Electives		
92606	Issues in Australian Health Services	6ср					10
92607	Education for Practice Development	6ср			redit points from the following options:		18ср
92983	Specialty Practice	6ср		31030	Project	6ср	
92050	Policy, Power and Politics in Health Care			31080	Digital Multimedia	6ср	
		6ср		31096	Managing Client/Vendor Relations	6ср	
92051	Health Services Management and Legal	(31097	IT Operations Management	6ср	
02205	Issues	6cp		31100	Enterprise Development with .NET	6ср	
92295	Advanced Health Services Planning	6cp		31335	Extreme Programming	6ср	
92021	Perinatal Mental Health	6cp		31338	Network Servers	6ср	
92612	Research in Health	6ср		31735	Information Systems and Organisation	1	
92610	Law, Ethics and Accountability in Advanced				Development	6ср	
	Practice	6ср		31777	Human-Computer Interaction	6cp	
98728	Leadership, Accountability and Role			31927	Application Development with .NET	6ср	
	Development in Advanced Practice	6ср		31950	Networked Enterprise Design	6cp	
92613	Principles of Child and Family Health			31091	Mobile Computing Project	6ср	
	Nursing	6ср		31005	Data Mining Algorithms	6ср	
92934	Clinical Management of Diabetes	6ср		01000	Zutu mining mgontumo	Total	18cn
015257	Learning in Diabetes Education	6cn				iotai	тоср
015356	Ecuriniz in Diabetes Education	ocp					
92845		6ср 6ср		CBK9007	9 Flectives		
92845	Primary Health Care	6ср			9 Electives		26
		6ср 6ср	l 6cp	Select 36 c	redit points from the following options:		36ср
92845	Primary Health Care	6ср	l 6cp	Select 36 c 32535	redit points from the following options: Database in Distributed Environments	6ср	36ср
92845 92620	Primary Health Care Family and Community Health Practice	6ср 6ср	1 6ср	Select 36 c 32535 32531	redit points from the following options: Database in Distributed Environments Global Information Systems	6ср 6ср	36ср
92845 92620 CBK9007	Primary Health Care Family and Community Health Practice 74 Electives	6cp 6cp Total	1	Select 36 c 32535 32531 32208	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy	6ср	36ср
92845 92620 CBK9007 CBK90162	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT)	6cp 6cp Total	12ср	Select 36 c 32535 32531	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented	6ср 6ср	36ср
92845 92620 CBK9007 CBK90162 Select 12 of	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) credit points from the following options:	6cp 6cp Total	1	Select 36 c 32535 32531 32208	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy	6ср 6ср	36ср
92845 92620 CBK9007 CBK90162 Select 12 of 31080	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) credit points from the following options: Digital Multimedia	6cp 6cp Total 6cp	12ср	Select 36 c 32535 32531 32208 32510 32536	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling	6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9007 CBK90162 Select 12 of 31080 31097	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) credit points from the following options: Digital Multimedia IT Operations Management	6cp 6cp Total 6cp 6cp	12ср	Select 36 c 32535 32531 32208 32510 32536	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling	6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9007 CBK90162 Select 12 c 31080 31097 31335	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) credit points from the following options: Digital Multimedia IT Operations Management Extreme Programming	6cp 6cp Total 6cp 6cp 6cp	12ср	Select 36 c 32535 32531 32208 32510	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering	6cp 6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9007 CBK90162 Select 12 of 31080 31097 31335 31777	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) 2 redit points from the following options: Digital Multimedia IT Operations Management Extreme Programming Human-Computer Interaction	6cp 6cp Total 6cp 6cp 6cp 6cp	12ср	Select 36 c 32535 32531 32208 32510 32536 32106	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management	6cp 6cp 6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9007 CBK90162 Select 12 of 31080 31097 31335 31777 31927	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) credit points from the following options: Digital Multimedia IT Operations Management Extreme Programming Human-Computer Interaction Application Development with .NET	6cp 6cp Total 6cp 6cp 6cp	12ср	Select 36 c 32535 32531 32208 32510 32536 32106 32541 32902	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems	6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9007 CBK90162 Select 12 of 31080 31097 31335 31777	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) 2 redit points from the following options: Digital Multimedia IT Operations Management Extreme Programming Human-Computer Interaction	6cp 6cp Total 6cp 6cp 6cp 6cp	12ср	Select 36 c 32535 32531 32208 32510 32536 32106 32541 32902 32543	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems 3D Animation	6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9007 CBK90162 Select 12 of 31080 31097 31335 31777 31927	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) credit points from the following options: Digital Multimedia IT Operations Management Extreme Programming Human-Computer Interaction Application Development with .NET	6cp 6cp Total 6cp 6cp 6cp 6cp	12ср	Select 36 c 32535 32531 32208 32510 32536 32106 32541 32902 32543 32544	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems 3D Animation Advanced Image Synthesis Techniques	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9007 CBK90162 Select 12 of 31080 31097 31335 31777 31927 31735 31950	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) credit points from the following options: Digital Multimedia IT Operations Management Extreme Programming Human-Computer Interaction Application Development with .NET Information Systems and Organisation	6cp 6cp Total 6cp 6cp 6cp 6cp 6cp	12ср	Select 36 c 32535 32531 32208 32510 32536 32106 32541 32902 32543 32544 32513	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems 3D Animation Advanced Image Synthesis Techniques Advanced Data Mining Algorithms	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9007 CBK90162 Select 12 0 31080 31097 31335 31777 31927 31735	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) credit points from the following options: Digital Multimedia IT Operations Management Extreme Programming Human-Computer Interaction Application Development with .NET Information Systems and Organisation Development	6cp 6cp Total 6cp 6cp 6cp 6cp 6cp	12ср	Select 36 c 32535 32531 32208 32510 32536 32106 32541 32902 32543 32544 32513 32530	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems 3D Animation Advanced Image Synthesis Techniques Advanced Data Mining Algorithms Building Intelligent Agents	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9007 CBK90162 Select 12 of 31080 31097 31335 31777 31927 31735 31950	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) credit points from the following options: Digital Multimedia IT Operations Management Extreme Programming Human-Computer Interaction Application Development with .NET Information Systems and Organisation Development Networked Enterprise Design	6cp 6cp Total 6cp 6cp 6cp 6cp 6cp 6cp	12ср	Select 36 c 32535 32531 32208 32510 32536 32106 32541 32902 32543 32544 32513 32530 32501	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems 3D Animation Advanced Image Synthesis Techniques Advanced Data Mining Algorithms Building Intelligent Agents Computer Graphics	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9007 CBK90162 Select 12 of 31080 31097 31335 31777 31927 31735 31950 31030 31338	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) 2 Eredit points from the following options: Digital Multimedia IT Operations Management Extreme Programming Human-Computer Interaction Application Development with .NET Information Systems and Organisation Development Networked Enterprise Design Project Network Servers	6cp 6cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp	12ср	Select 36 c 32535 32531 32208 32510 32536 32106 32541 32902 32543 32544 32513 32530 32501 32509	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems 3D Animation Advanced Image Synthesis Techniques Advanced Data Mining Algorithms Building Intelligent Agents Computer Graphics Interaction Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср
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92845 92620 CBK9007 CBK90162 Select 12 of 31080 31097 31335 31777 31927 31735 31950 31030 31338 31096 31005 31091	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) 2 Electives (Non-IT) 3 Eredit points from the following options: 3 Digital Multimedia 3 IT Operations Management 3 Extreme Programming 4 Human-Computer Interaction 5 Application Development with .NET 7 Information Systems and Organisation 7 Development 8 Networked Enterprise Design 8 Project 8 Network Servers 8 Managing Client / Vendor Relations 8 Data Mining Algorithms 8 Mobile Computing Project	6cp 6cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	12ср	Select 36 c 32535 32531 32208 32510 32536 32106 32541 32902 32543 32544 32513 32530 32501 32501 32509 32549 32527 32516	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems 3D Animation Advanced Image Synthesis Techniques Advanced Data Mining Algorithms Building Intelligent Agents Computer Graphics Interaction Design Advanced Internet Programming Internetwork Design Internet Programming	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср
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92845 92620 CBK9007 CBK90162 Select 12 of 31080 31097 31335 31777 31927 31735 31950 31030 31338 31096 31005 31091	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) 2 Electives (Non-IT) 3 Eredit points from the following options: 3 Digital Multimedia 3 IT Operations Management 3 Extreme Programming 4 Human-Computer Interaction 5 Application Development with .NET 7 Information Systems and Organisation 7 Development 8 Networked Enterprise Design 8 Project 8 Network Servers 8 Managing Client / Vendor Relations 8 Data Mining Algorithms 8 Mobile Computing Project	6cp 6cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	12cp 12cp	Select 36 ct 32535 32531 32208 32510 32536 32510 32536 32541 32902 32543 32544 32513 32530 32501 32509 32549 32527 32516 32525	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems 3D Animation Advanced Image Synthesis Techniques Advanced Data Mining Algorithms Building Intelligent Agents Computer Graphics Interaction Design Advanced Internet Programming Internetwork Design Internet Programming Web Services Technologies and Applications	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср
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92845 92620 CBK9007 CBK90162 Select 12 of 31080 31097 31335 31777 31927 31735 31950 31030 31338 31096 31005 31001 31100 CBK9007 Select 6 or	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) 2 Electives (Non-IT) 3 Electives (Non-IT) 4 Electives (Non-IT) 5 Electives (Non-IT) 6 Electives (Non-IT) 7 Electives (Non-IT) 8	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	12cp 12cp	Select 36 ct 32535 32531 32208 32510 32536 32106 32541 32902 32543 32544 32513 32509 32549 32527 32516 32525 32523 32547 32521	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems 3D Animation Advanced Image Synthesis Techniques Advanced Data Mining Algorithms Building Intelligent Agents Computer Graphics Interaction Design Advanced Internet Programming Internet Programming Internet Programming Web Services Technologies and Applications Operating Systems for Network Security UNIX Systems Programming WANS and VLANS	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9007 CBK90162 Select 12 of 31080 31097 31335 31777 31927 31735 31950 31030 31338 31096 31005 31091 31100 CBK9007 Select 6 or 21129	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) 2 Electives (Mon-IT) 2 Electives (Mon-IT) 2 Electives (Non-IT) 3 Electives (Non-IT) 4 Electives (Business) 4 Electives (Business) 4 Electives (Business) 5 Electives (Business) 6 Electives (Business)	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	12cp 12cp 12cp	Select 36 ct 32535 32531 32208 32510 32536 32106 32541 32902 32543 32544 32513 32530 32549 32527 32516 32525 32523 32547 32521 32524	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems 3D Animation Advanced Image Synthesis Techniques Advanced Data Mining Algorithms Building Intelligent Agents Computer Graphics Interaction Design Advanced Internet Programming Internet Programming Internet Programming Web Services Technologies and Applications Operating Systems for Network Security UNIX Systems Programming WANS and VLANS LANS and Routing	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9007 CBK90162 31080 31097 31335 31777 31927 31735 31950 31030 31338 31096 31005 31091 31100 CBK9007 Select 6 cr 21129 21407	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) 2 Electives (Non-IT) 3 Electives (Non-IT) 4 Electives (Non-IT) 5 Electives (Non-IT) 6 Electives (Non-IT) 7 Electives (Non-IT) 7 Electives (Non-IT) 7 Electives (Non-IT) 7 Electives (Ron-IT) 8	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	12cp 12cp 12cp	Select 36 ct 32535 32531 32208 32510 32536 32106 32541 32902 32543 32544 32513 32530 32509 32549 32527 32516 32525 32523 32547 32521 32524 32702	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems 3D Animation Advanced Image Synthesis Techniques Advanced Data Mining Algorithms Building Intelligent Agents Computer Graphics Interaction Design Advanced Internet Programming Internet Programming Internet Programming Web Services Technologies and Applications Operating Systems for Network Security UNIX Systems Programming WANS and VLANS	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9005 Select 12 of 31080 31097 31335 31777 31927 31735 31950 31030 31338 31096 31005 31091 31100 CBK9005 Select 6 or 21129 21407 21591	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) Predit points from the following options: Digital Multimedia IT Operations Management Extreme Programming Human-Computer Interaction Application Development with .NET Information Systems and Organisation Development Networked Enterprise Design Project Network Servers Managing Client/Vendor Relations Data Mining Algorithms Mobile Computing Project Enterprise Development with .NET 75 Electives (Business) edit points from the following options: Managing People and Organisations Strategic Human Resource Management Transnational Management	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	12cp 12cp 12cp	Select 36 c 32535 32531 32208 32510 32536 32106 32541 32902 32543 32544 32513 32530 32501 32501 32509 32549 32527 32516 32525 32525 32525 32523 32547 32521 32524 32702 32120	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems 3D Animation Advanced Image Synthesis Techniques Advanced Data Mining Algorithms Building Intelligent Agents Computer Graphics Interaction Design Advanced Internet Programming Internet Programming Internet Programming Web Services Technologies and Applications Operating Systems for Network Security UNIX Systems Programming WANS and VLANS LANS and Routing Contemporary Telecommunications Introduction to e-Business Technology	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9005 Select 12 of 31080 31097 31335 31777 31927 31735 31950 31030 31338 31096 31005 31091 31100 CBK9005 Select 6 cr 21129 21407 21591 22207	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) Predit points from the following options: Digital Multimedia IT Operations Management Extreme Programming Human-Computer Interaction Application Development with .NET Information Systems and Organisation Development Networked Enterprise Design Project Network Servers Managing Client/Vendor Relations Data Mining Algorithms Mobile Computing Project Enterprise Development with .NET 75 Electives (Business) edit points from the following options: Managing People and Organisations Strategic Human Resource Management Transnational Management Accounting for Business Decisions B	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	12cp 12cp 12cp	Select 36 ct 32535 32531 32208 32510 32536 32501 32544 32513 32544 32513 32549 32527 32516 32525 32527 32521 32524 32702 32120 95563	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems 3D Animation Advanced Image Synthesis Techniques Advanced Data Mining Algorithms Building Intelligent Agents Computer Graphics Interaction Design Advanced Internet Programming Internet Programming Internet Programming Web Services Technologies and Applications Operating Systems for Network Security UNIX Systems Programming WANS and VLANS LANS and Routing Contemporary Telecommunications	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9007 CBK90162 Select 12 cd 31080 31097 31335 31777 31927 31735 31950 31030 31338 31096 31005 31091 31100 CBK9007 Select 6 cr 21129 21407 212207 22240	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) 2 Electives (Non-IT) 3 Eredit points from the following options: 3 Digital Multimedia 3 IT Operations Management 4 Extreme Programming 5 Human-Computer Interaction 6 Application Development with .NET 7 Information Systems and Organisation 7 Development 7 Networked Enterprise Design 7 Project 7 Network Servers 7 Managing Client/Vendor Relations 7 Data Mining Algorithms 7 Mobile Computing Project 7 Enterprise Development with .NET 7 Electives (Business) 8 edit points from the following options: 7 Managing People and Organisations 7 Strategic Human Resource Management 7 Transnational Management 7 Accounting for Business Decisions B 8 International Accounting	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	12cp 12cp 12cp	Select 36 c 32535 32531 32208 32510 32536 32106 32541 32902 32543 32544 32513 32530 32501 32501 32509 32549 32527 32516 32525 32525 32525 32523 32547 32521 32524 32702 32120	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems 3D Animation Advanced Image Synthesis Techniques Advanced Data Mining Algorithms Building Intelligent Agents Computer Graphics Interaction Design Advanced Internet Programming Internet Programming Internet Programming Web Services Technologies and Applications Operating Systems for Network Security UNIX Systems Programming WANS and VLANS LANS and Routing Contemporary Telecommunications Introduction to e-Business Technology	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9007 CBK90162 Select 12 of 31080 31097 31335 31777 31927 31735 31950 31030 31338 31096 31005 31091 31100 CBK9007 Select 6 or 21129 21407 21591 22207 22240 22320	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) Tredit points from the following options: Digital Multimedia IT Operations Management Extreme Programming Human-Computer Interaction Application Development with .NET Information Systems and Organisation Development Networked Enterprise Design Project Network Servers Managing Client / Vendor Relations Data Mining Algorithms Mobile Computing Project Enterprise Development with .NET 75 Electives (Business) edit points from the following options: Managing People and Organisations Strategic Human Resource Management Transnational Management Accounting for Business Decisions B International Accounting Accounting for Business Combinations	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	12cp 12cp 12cp	Select 36 ct 32535 32531 32208 32510 32536 32501 32544 32513 32544 32513 32549 32527 32516 32525 32527 32521 32524 32702 32120 95563	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems 3D Animation Advanced Image Synthesis Techniques Advanced Data Mining Algorithms Building Intelligent Agents Computer Graphics Interaction Design Advanced Internet Programming Internet Programming Internet Programming Web Services Technologies and Applications Operating Systems for Network Security UNIX Systems Programming WANS and VLANS LANS and Routing Contemporary Telecommunications Introduction to e-Business Technology Digital Media Development Process	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9007 CBK90162 31080 31097 31335 31777 31927 31735 31950 31030 31338 31096 31005 31005 310005 31001 31100 CBK9007 Select 6 cr 21129 21407 21591 22207 22220 22320 22321	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) 2 Electives (Non-IT) 2 Electives (Non-IT) 3 Electives (Non-IT) 4 Electives (Non-IT) 5 Electives (Non-IT) 6 Electives (Non-IT) 7 Electives (Non-IT) 8	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	12cp 12cp 12cp	Select 36 ct 32535 32531 32208 32510 32536 32501 32544 32513 32544 32513 32549 32527 32516 32525 32527 32516 32521 32524 32524 32524 32524 32524 32524 32524 32524 32524 32524 32524 32524 32524 32524 32524 32524 32524 32524	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems 3D Animation Advanced Image Synthesis Techniques Advanced Data Mining Algorithms Building Intelligent Agents Computer Graphics Interaction Design Advanced Internet Programming Internet Programming Internet Programming Web Services Technologies and Applications Operating Systems for Network Security UNIX Systems Programming WANS and VLANS LANS and Routing Contemporary Telecommunications Introduction to e-Business Technology Digital Media Development Process Digital Media Technologies	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9007 CBK90162 31080 31097 31335 31777 31927 31735 31950 31030 31338 31096 31005 31091 31100 CBK9007 Select 6 cr 21129 21407 21591 22207 22240 22320 22321 22420	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) Tredit points from the following options: Digital Multimedia IT Operations Management Extreme Programming Human-Computer Interaction Application Development with .NET Information Systems and Organisation Development Networked Enterprise Design Project Network Servers Managing Client / Vendor Relations Data Mining Algorithms Mobile Computing Project Enterprise Development with .NET 75 Electives (Business) edit points from the following options: Managing People and Organisations Strategic Human Resource Management Transnational Management Accounting for Business Decisions B International Accounting Accounting for Business Combinations	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	12cp 12cp 12cp	Select 36 ct 32535 32531 32208 32510 32536 32106 32541 32902 32543 32544 32513 32530 32501 32509 32549 32525 32527 32526 32527 32524 32702 32524 32702 95563 95564 95565	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems 3D Animation Advanced Image Synthesis Techniques Advanced Data Mining Algorithms Building Intelligent Agents Computer Graphics Interaction Design Advanced Internet Programming Internet Programming Internet Programming Web Services Technologies and Applications Operating Systems for Network Security UNIX Systems Programming WANS and VLANS LANS and Routing Contemporary Telecommunications Introduction to e-Business Technology Digital Media Development Process Digital Media Technologies Digital Information and Interaction Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9007 CBK90162 31080 31097 31335 31777 31927 31735 31950 31030 31338 31096 31005 31005 310005 31001 31100 CBK9007 Select 6 cr 21129 21407 21591 22207 22220 22320 22321	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) 2 Electives (Non-IT) 2 Electives (Non-IT) 3 Electives (Non-IT) 4 Electives (Non-IT) 5 Electives (Non-IT) 6 Electives (Non-IT) 7 Electives (Non-IT) 8	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	12cp 12cp 12cp	Select 36 ct 32535 32531 32208 32510 32536 32106 32541 32902 32543 32544 32513 32509 32549 32527 32516 32525 32527 32521 32524 32702 32120 95563 95566 95566	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems 3D Animation Advanced Image Synthesis Techniques Advanced Data Mining Algorithms Building Intelligent Agents Computer Graphics Interaction Design Advanced Internet Programming Internetwork Design Internet Programming Web Services Technologies and Applications Operating Systems for Network Security UNIX Systems Programming WANS and VLANS LANS and Routing Contemporary Telecommunications Introduction to e-Business Technology Digital Media Development Process Digital Graphics and Interaction Design Digital Media in Social Context	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9007 CBK90162 31080 31097 31335 31777 31927 31735 31950 31030 31338 31096 31005 31091 31100 CBK9007 Select 6 cr 21129 21407 21591 22207 22240 22320 22321 22420	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) 2 Eredit points from the following options: Digital Multimedia IT Operations Management Extreme Programming Human-Computer Interaction Application Development with .NET Information Systems and Organisation Development Networked Enterprise Design Project Network Servers Managing Client/Vendor Relations Data Mining Algorithms Mobile Computing Project Enterprise Development with .NET 75 Electives (Business) edit points from the following options: Managing People and Organisations Strategic Human Resource Management Transnational Management Accounting for Business Decisions B International Accounting Accounting Standards and Regulations	6cp	12cp 12cp 12cp	Select 36 c 32535 32531 32208 32510 32536 32106 32541 32902 32543 32544 32513 32530 32530 32509 32549 32527 32516 32525 32523 32547 32521 32524 32702 32120 95563 95566 95567 95568	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems 3D Animation Advanced Image Synthesis Techniques Advanced Data Mining Algorithms Building Intelligent Agents Computer Graphics Interaction Design Advanced Internet Programming Internet Programming Web Services Technologies and Applications Operating Systems for Network Security UNIX Systems Programming WANS and VLANS LANS and Routing Contemporary Telecommunications Introduction to e-Business Technology Digital Media Development Process Digital Media Technologies Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9007 CBK90162 31080 31097 31335 31777 31927 31735 31950 31030 31338 31096 31005 31091 31100 CBK9007 Select 6 cr 21129 21407 21591 22207 22240 22321 22420 22566	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) 2 Electives (Non-IT) 2 Electives (Non-IT) 3 Electives (Non-IT) 4 Electives (Non-IT) 5 Electives (Non-IT) 6 Extreme Programming 6 Human-Computer Interaction 7 Application Development with .NET 7 Information Systems and Organisation 7 Development 7 Networked Enterprise Design 7 Project 7 Network Servers 7 Managing Client/Vendor Relations 7 Data Mining Algorithms 7 Mobile Computing Project 7 Enterprise Development with .NET 7 Electives (Business) 7 Electives (Business) 8 Edit points from the following options: 8 Managing People and Organisations 8 Strategic Human Resource Management 8 Transnational Management 8 Accounting for Business Decisions B 8 International Accounting 8 Accounting Standards and Regulations 8 Small Business Management and Accounting 8 Management and Accounting	6cp	12cp 12cp 12cp	Select 36 c 32535 32531 32208 32510 32536 32106 32541 32902 32543 32544 32513 32530 32509 32549 32527 32516 32525 32523 32527 32516 32524 32702 32120 95563 95564 95566 95567 95568 32004	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems 3D Animation Advanced Image Synthesis Techniques Advanced Data Mining Algorithms Building Intelligent Agents Computer Graphics Interaction Design Advanced Internet Programming Internet Programming Web Services Technologies and Applications Operating Systems for Network Security UNIX Systems Programming WANS and VLANS LANS and Routing Contemporary Telecommunications Introduction to e-Business Technology Digital Media Development Process Digital Media Technologies Digital Media in Social Context Digital Sound and the Moving Image Game Programming	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9007 CBK90162 31080 31097 31335 31777 31927 31735 31950 31030 31338 31096 31005 31091 31100 CBK9007 Select 6 cr 21129 21407 21591 22207 22240 22321 22420 22566	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) Predit points from the following options: Digital Multimedia IT Operations Management Extreme Programming Human-Computer Interaction Application Development with .NET Information Systems and Organisation Development Networked Enterprise Design Project Network Servers Managing Client/Vendor Relations Data Mining Algorithms Mobile Computing Project Enterprise Development with .NET 75 Electives (Business) edit points from the following options: Managing People and Organisations Strategic Human Resource Management Transnational Management Accounting for Business Decisions B International Accounting Accounting for Business Combinations Cost Management Systems Accounting Standards and Regulations Small Business Management and Accounting Planning and Control for Small Business Enterprises	6cp	12cp 12cp 12cp	Select 36 c 32535 32531 32208 32510 32536 32106 32541 32902 32543 32544 32513 32530 32501 32509 32549 32527 32516 32525 32523 32547 32524 32702 32120 95563 95566 95566 95566 95566 95568 32004 32003	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems 3D Animation Advanced Image Synthesis Techniques Advanced Data Mining Algorithms Building Intelligent Agents Computer Graphics Interaction Design Advanced Internet Programming Internet Programming Web Services Technologies and Applications Operating Systems for Network Security UNIX Systems Programming WANS and VLANS LANS and Routing Contemporary Telecommunications Introduction to e-Business Technology Digital Media Development Process Digital Media Technologies Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image Game Programming Computer Game Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср
92845 92620 CBK9007 CBK90162 Select 12 of 31080 31097 31335 31777 31927 31735 31950 31030 31338 31096 31005 31091 31100 CBK9007 Select 6 cr 21129 21407 21591 22207 22240 22320 22321 22420 22566 22567	Primary Health Care Family and Community Health Practice 74 Electives 2 Electives (Non-IT) 2 Electives (Non-IT) 3 Electives (Non-IT) 4 Electives (Non-IT) 5 Electives (Non-IT) 5 Electives (Non-IT) 6 Extreme Programming 6 Human-Computer Interaction 7 Application Development with .NET 7 Information Systems and Organisation 7 Development 7 Networked Enterprise Design 7 Project 7 Network Servers 7 Managing Client/Vendor Relations 7 Data Mining Algorithms 7 Mobile Computing Project 7 Enterprise Development with .NET 7 Electives (Business) 7 Electives (Business) 8 Edit points from the following options: 8 Managing People and Organisations 8 Strategic Human Resource Management 8 Transnational Management 8 Accounting for Business Decisions B 8 International Accounting 8 Accounting Standards and Regulations 8 Small Business Management and Accounting 9 Planning and Control for Small Business	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	12cp 12cp 12cp	Select 36 c 32535 32531 32208 32510 32536 32106 32541 32902 32543 32544 32513 32530 32509 32549 32527 32516 32525 32523 32527 32516 32524 32702 32120 95563 95564 95566 95567 95568 32004	redit points from the following options: Database in Distributed Environments Global Information Systems Information Systems Strategy Principles of Object-oriented Programming in C++ Advanced Software Modelling Agile Method Engineering Project Management Recent Advances in Information Systems 3D Animation Advanced Image Synthesis Techniques Advanced Data Mining Algorithms Building Intelligent Agents Computer Graphics Interaction Design Advanced Internet Programming Internet Programming Web Services Technologies and Applications Operating Systems for Network Security UNIX Systems Programming WANS and VLANS LANS and Routing Contemporary Telecommunications Introduction to e-Business Technology Digital Media Development Process Digital Media Technologies Digital Media in Social Context Digital Sound and the Moving Image Game Programming	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	36ср

22550	A.1	ć		001/0000	NF 0	
32550 32118	Advances in Requirements Engineering	6cp			85 Core subjects	
32520	Mobile Communications and Computing UNIX Systems Administration	6ср 6ср			redit points from the following options:	12cp
32548	Network Security	6ср		95566 95567	Digital Information and Interaction Design	6cp
32148	Enterprise Computing	6ср		95568	Digital Media in Social Context Digital Sound and the Moving Image	6ср 6ср
32998	.NET Application Development	6cp		93300	Digital Sound and the Moving image	Total 12cp
32013	.NET Enterprise Development	6ср				тош таер
32209	Advanced Topics in Computer Networks	6ср		CBK9008	86 Sub-major options	
42900	Sustainability and Information Systems	6ср			eredit points from the following options:	24cp
		Total	136ср		Image Studies	24cp
001/000	00 Flacking				Innovation Technologies	24cp
	80 Electives		10	CBK90137	Options (PSM) (A)	24cp
	credit points from the following options:	(12cp			Total 24cp
31080	Digital Multimedia	6cp		001/004		
31097 31335	IT Operations Management	6cp			18 Leisure, Sport and Tourism subjects (PGJ
31735	Extreme Programming Information Systems and Organisation	6ср			edit points from the following options:	6ср
31733	Development	6ср		27715	Sport Business	6ср
31748	Programming on the Internet	6ср		27717	Venue and Facility Management	6ср
31777	Human-Computer Interaction	6cp		27721	Sport Globalisation	6cp
31950	Networked Enterprise Design	6cp		27764 27765	Analysis of the Olympic Games Event Management	6cp
31096	Managing Client/Vendor Relations	6ср		27700	Sustainable Tourism Management	6ср 6ср
31338	Network Servers	6ср		27706	Managing Tourism Services	6ср
31927	Application Development with .NET	6ср		27767	Tourist Behaviour	6ср
31091	Mobile Computing Project	6cp		27935	Applied Studies	6cp
31100	Enterprise Development with .NET	6cp			rr ······	Total 6cp
31005	Data Mining Algorithms	6cp	10			1
		Iota	12cp	CBK9011	6 Core subjects	
CBKOUU	82 Electives			Select 18 c	redit points from the following options:	18cp
			(0	49001	Judgment and Decision Making	6ср
32535	credit points from the following options: Database in Distributed Environments	6cn	60cp	49002	Managing Projects	6ср
32531	Global Information Systems	6ср 6ср		49003	Economic Evaluation	6ср
32208	Information Systems Strategy	6ср		49004	Systems Engineering for Managers	6ср
32510	Principles of Object-oriented	оср		49309	Quality Planning and Analysis	6ср
	Programming in C++	6ср		49680	Value Chain Engineering Systems	6cp
32536	Advanced Software Modelling	6ср		49098	of the following: Begineering Financial Control 6cp	6ср
32106	Agile Method Engineering	6ср		22747		
32933	Research Project	6ср		22/4/	Decisions 6cp	
32934	Research Project	12cp		Select one	of the following:	6ср
32541	Project Management	6cp		49069		··r
32902	Recent Advances in Information Systems	6cp		21844		
32543	3D Animation	6ср				Total 18cp
32544 32513	Advanced Image Synthesis Techniques	6cp				_
32530	Advanced Data Mining Algorithms Building Intelligent Agents	6cp		CBK9012	21 Primary Education	
32501	Computer Graphics	6ср 6ср		Select 144	credit points from the following options:	144cp
32509	Interaction Design	6ср		020412	Art Study 2: A Sense of Place	6ср
32549	Advanced Internet Programming	6cp		020413	Art Study 3: Stories, Myths and Truth	6ср
32527	Internetwork Design	6cp		020703	Issues in Art Education	6ср
32516	Internet Programming	6ср		020704	Studio Practice in Visual Arts	6cp
32525	Web Services Technologies and	_		021311 021412	Computer-mediated Learning for Children Educational Computing Study 2	4cp
	Applications	6ср		021412	ICT in Primary Education: Current Issues	6ср
32523	Operating Systems for Network Security	6cp		021702	and Applications	6ср
32547	UNIX Systems Programming	6cp		022203	HSIE Study 2: Conflicts and Resolutions	6cp
32521	WANS and VLANS	6cp		022204	HSIE Study 3: Multicultural Australia in its	· ·r
32524 32702	LANS and Routing	6cp			Asia-Pacific Regional Context, Implications	
32120	Contemporary Telecommunications Introduction to e-Business Technology	6ср 6ср			for Teaching	6ср
24726	Economics and Marketing in the New	ж		022601	Learning Beyond the Classroom	6ср
	Economy	6ср		022602	Independent Study	6cp
95563	Digital Media Development Process	6ср		022603	Teaching Across the Curriculum	6ср
95564	Digital Media Technologies	6cp		023505	Educational Research	6ср
95565	Digital Graphics and the Still Image	6cp		023614	International Perspectives on Education	6cp
95566	Digital Information and Interaction Design	6ср		023621	School and Community Relations	6ср
95567	Digital Media in Social Context	6ср		023821	Special Education 1: Managing Challenging Behaviours	6cn
95568	Digital Sound and the Moving Image	6ср		023822	Special Education 2: Preventing and	6ср
32004	Game Programming	6cp		020022	Remediating Difficulties in Reading and	
32003	Computer Game Design	6cp			Spelling	6ср
32131	Data Mining and Visualisation	6cp		023823	Special Education 3: Educating Students	r
32133 32550	e-Market Trading Technology	6cp			who have Difficulties with Written Text	6ср
32330	Advances in Requirements Engineering Fundamentals of Data Analytics	6ср 6ср		023824	Special Education 4: Numeracy Instruction	-
32148	i andaniciano di Data i malytico				for Students with Learning Difficulties	
	Enterprise Computing				1 - 1 11111	
	Enterprise Computing Advanced Topics in Computer Networks	6ср 6ср		005	and Disabilities	6ср
32209	Enterprise Computing Advanced Topics in Computer Networks	6cp	l 60cp	023825	Special Education 5: Educating Students	
		6cp	60ср		Special Education 5: Educating Students with Moderate and High Support Needs	6cp 6cp
32209		6cp	60ср	023825 023826	Special Education 5: Educating Students with Moderate and High Support Needs Special Education 6:	
32209 CBK900	Advanced Topics in Computer Networks	6cp	60ср		Special Education 5: Educating Students with Moderate and High Support Needs Special Education 6: Educating Students with Delayed or	6ср
32209 CBK900	Advanced Topics in Computer Networks 83 Electives	6cp	60ср	023826	Special Education 5: Educating Students with Moderate and High Support Needs Special Education 6: Educating Students with Delayed or Disordered Communication	6cp 6cp
32209 CBK900	Advanced Topics in Computer Networks 83 Electives	6cp	60ср		Special Education 5: Educating Students with Moderate and High Support Needs Special Education 6: Educating Students with Delayed or	6cp 6cp

023882	Special Education Professional Experience 2: Collaborative Participation in		024421	Children's Theatre and the Creative Arts 1: Overview of World Theatre, Production	
	Inclusive Service Models	6ср		Roles, Script Writing	6ср
024411	English Study 1: Shapes and Patterns in	оср	024424	Children's Theatre and Creative Arts 4:	-
004414	Literary Narrative from Sendak to Shakespeare	6ср	023200	Staging Performances HSIE Study 1: Social Issues and Social	6ср
024414	English Study 4: Cultural and Textual Cross-currents	6ср	012238	Action Professional Experience 8:	6ср
024422	Children's Theatre and Creative Arts Study 2: Acting and Performing Skills - Genres		023156	Reflecting on Educational Practice Professional Experience 6:	6ср
024423	for Children Children's Theatre and Creative Arts Study	6ср	023157	Promoting Student Centred Learning Professional Experience 7:	6ср
024705	3: Production and Direction Children's Literature and Multi-literacies:	6ср	023158	Reflection on Educational Practice Professional Experience 8: Analysing	6ср
	Teaching Critical, Cultural, Visual and			Current Issues in Australian Education	6ср
00.4544	Digital Literacies through Childrens Books	6ср	024213	English Education 3	6ср
024711	Language, Literacy and Education	6cp	028222	Society, Science, Technology and the	(
024712 024713	Approaches to the Teaching of English Teaching English to International Students	6cp	026411	Environment Music Study 1	6ср 6ср
024713	Music Study 2	6cp 6cp	010052	Music Study 1 Environmental Sustainability Education	6ср
026702	Music and Society	6ср	010032	Environmental Sustamability Education	Total 144cp
027411	PDHPE Study 1: Theory and Practice of	ocp			rotti i i i c
	Personal Development Health and Physical		CBK9012	4 Electives (International)	
028412	Education and Support Science and Technology Study 2: Science	6ср	Free choice	e of electives.	
	and Technology in Daily Life	6ср	CBK9012	7 Electives (Architecture)	
028413	Science and Technology Study 3: Issues in		Select 24 c	redit points from the following options:	24cp
020414	Science, Technology and Society	6ср	11272	Designing with Landscape Elements	6ср
028414	Science and Technology Study 4: Planet Earth	6an	11282	Advanced Building Systems	6ср
012208	English Education 1	6cp	11283	Access in Large Scale Buildings	6ср
012209	English Education 2	6cp 6cp	11285	Advanced Modelmaking	6cp
012210	Mathematics Teaching and Learning 1	6ср	11287	Islamic Architecture 630-1700	6cp
012211	Mathematics Teaching and Learning 2	6ср	11291 11294	Freehand Illustration	6cp
012212	Mathematics Teaching and Learning 3	6ср	11294	Architectural Experience A Architectural Experience B	6ср 6ср
012220	Visual Arts Education	6ср	11296	Architectural Experience C	6ср
012219	Music, Movement and Dance	6ср	11297	Architectural Experience D	6ср
012217	Personal Development, Health and		11301	Fine Houses of Europe and America	6cp
	Physical Education 1	6ср	11304	House and Housing	6cp
012218	Personal Development, Health and		11305	Architecture Study Tour: Special Topics	6ср
010015	Physical Education 2	6cp	11310	Critical Theory	6ср
012215	Social and Environmental Education 1	6cp	11311	Drawing to Diagrams: Topics in	
012216 012213	Social and Environmental Education 2 Learning in Science and Technology 1	6cp		Architectural Theory	6ср
012213	Learning in Science and Technology 2	6cp 6cp	11361	Special Project (Theory)	6cp
012231	Professional Experience 1: Beginning	оср	11362	Special Project (Technology)	6ср
012201	Teaching	6ср	11363	Special Project (Communications)	6cp
012232	Professional Experience 2: Developing	I	11364 11365	Special Project (Design) Special Project (Offshore)	6ср 6ср
	Classroom Management	6ср	11307	Architecture Special Project	6ср
012235	Professional Experience 5: Teaching	_	11308	Reading and Writing Architectural	оср
	Students with Special Educational Needs	6ср		Criticism	6ср
012234	Professional Experience 4: Integrating		11309	Architecture, Cinema and Representation	6ср
010006	Diverse Contexts in Education	6ср	11312	Modern Western Aesthetics	6ср
012236	Professional Experience 6: Programming and Assessing in Education	6ср	11313	Exploring Space 1: from Simple Beginnings	
012233	Professional Experience 3: Integrating	оср	11510	to Baudrillard	6cp
012200	Learning Technologies	6ср	11512	Architecture Competition Project	6cp
012237	Professional Experience 7: Meeting the	I			Total 24cp
	English Language Needs of Learners	6ср	CBK9013	1 Core subjects choice	
012222	Child Development	6ср		redit points from the following options:	30ср
012223	Research in Learning	6ср	83563	Dress, Body and Couture	6ср
012224	Sociology of Education	6ср	83564	Digital Fashion Multimedia	6cp
012225	Issues in Indigenous Australian Education	6ср	83565	Marketing Promotions for Fashion	6cp
012221	Philosophical and Ethical Practice in	(83566	Contemporary Fashion Styling	6cp
010050	Education Student Welfare: Implications for Teaching	6ср		1 7 7 8	Total 30cp
010051	and Learning Beginning Teaching: Surviving and	6ср		2 Design Discipline subjects	10
	Thriving	6ср	85504	redit points from the following options:	18cp
013218	Studio Practice: Painting	6ср	85505	Design Futures: Sustainable Lifestyles Design Interventions: Making Theories	6ср 6ср
013219	Studio Practice: Ceramics Personal Development Health and Physical	6ср	85506	Design Differences: Intercultural Asia	6ср
027412	Personal Development Health and Physical	6an	85509	Design Differences: Community Identities	6ср
023/12	Education: Teachers and Physical Activity	6cp	85500	Design Futures: Creative Technologies	6ср
023412 020705	Education Study 2: Value Educational Drama	6cp 6cp	85601	Design Interventions: Business Innovation	6ср
020703	English Study 2: Images of Australia, the	ocp.	85602	Interdisciplinary Design Lab:	
J= 1114	Place and the People - Literary			Undergraduate	6ср
	Representations in		85603	Interdisciplinary Design Experience:	
	Prose, Poetry and Drama	6ср		Undergraduate	6cp
024413	English Study 3: The Literature of Protest	6ср			Total 18cp
028411	Science and Technology Study 1:	(
	The Human Body	6ср			

CBK901	33 Interior Industry subjects		CBK901	47 Electives		
	credit points from the following options:	18cp		credit points from the following options:		48cp
86150	Consumer Environments	6ср	013081	Aboriginal Studies Project	6ср	тоср
86160	Corporate Environments	6ср	013082	Aboriginal Social and Political History	6ср	
86190	Special Industry Project	6ср	013097	Human Resource Development in	оср	
00170	opecial industry 110,000	Total 18cp	010077	Organisations	6ср	
		r	013099	Individualised Project 1	6cp	
CBK901	34 Interior Theory and Elements subject	ts	013102	Introduction to Language	6ср	
	credit points from the following options:	18ср	013103	Issues in Aboriginal Education	6ср	
86213	Interpreting Cultural Space		013110	Programming and Assessment in Language	ocp	
00213	interpreting Cultural Space	6cp Total 18cp	010110	Literacy and Numeracy	6ср	
		iotai iocp	013115	Professional Practice and Changing Work	6ср	
CRK901	35 Interior Science and Systems subject	c	013118	Teaching and Learning Literacy	6cp	
		3	013124	Work and People	6cp	
Free Choi	ce of electives.		013148	Initiatives in Aboriginal Education	6cp	
CBK001	24 Voor 2 and 2 cubiosts		013151	Project Management	6cp	
	36 Year 2 and 3 subjects		013958	Language Teaching Methodology	6cp	
	redit points from the following options:	6ср	013960	Individual Communication in the	1	
86190	Special Industry Project	6ср		Workplace	6ср	
86133	Interior Systems and Design Detail	6cp	013961	Team Communication in the Workplace	6ср	
		Total 6cp	013963	Cultural Diversity at Work	6ср	
CDI/OO4	OF Ontions (DCM) (A)		013967	e-Learning Design	6cp	
	37 Options (PSM) (A)		013971	Teaching and Learning Numeracy	6cp	
	credit points from the following options:	24cp	013972	Organisational Learning	6cp	
85500	Design Futures: Creative Technologies	6ср	013975	Designing and Developing Simulations	r	
80034	Physical and Tangible Media Interfaces			and Games	6ср	
00-:	for Design Expression	6ср	013976	Strategic Human Resource Development	6cp	
80214	Locative and Sensor Design Technologies	6ср	013979	Organisational Learning and Change:	r	
87669	VC Technology: Digital Photo Media	6ср		Local and Global	6ср	
80035	Photographic Artifice	6ср	013981	Teaching Aboriginal Studies	6ср	
80042	Photography and Seeing Light	6ср	013149	The Language Literacy and Numeracy	1	
	e of the following:	6ср		Learner	6ср	
8003						48cp
	Photography 6cp					· · ·
8006	•		CBK901	48 Education subjects (PG)		
	Interactive Media 6cp			redit points from the following options:		6ср
		Total 24cp	013087	Discourse Analysis	6ср	оср
			013095	Global Englishes	6ср	
CBK901	38 Electives (PSM) (B)		013096	Grammar and the Construction of Meaning	6ср	
Free choi	ce of electives.		013104	Language and Power	6ср	
			013105	Language Development	6ср	
CDK001	41 Language and Culture subject choice					
CDK7UI	4 i Language and Culture Subject Choice		013106			
		16cp	013106 013107	Mentoring in the Workplace	6ср	
Select 16	credit points from the following options:	16cp	013107	Mentoring in the Workplace Phonology and Pronunciation	6cp 6cp	
Select 16 CBK9048	credit points from the following options: 7 Chinese Language and Culture	16cp	013107 013112	Mentoring in the Workplace Phonology and Pronunciation Research Design	6ср	
Select 16 CBK9048 CBK9048	credit points from the following options: 7 Chinese Language and Culture 8 Japanese Language and Culture	16cp 16cp	013107	Mentoring in the Workplace Phonology and Pronunciation Research Design Skill Learning and the Development of	6cp 6cp 6cp	
Select 16 CBK9048 CBK9048 CBK9049	credit points from the following options: 7 Chinese Language and Culture 8 Japanese Language and Culture 0 French Language and Culture	16cp	013107 013112 013113	Mentoring in the Workplace Phonology and Pronunciation Research Design Skill Learning and the Development of Expertise	6cp 6cp 6cp	
Select 16 CBK9048 CBK9049 CBK9049	credit points from the following options: 7 Chinese Language and Culture 8 Japanese Language and Culture	16cp 16cp 16cp	013107 013112 013113 013117	Mentoring in the Workplace Phonology and Pronunciation Research Design Skill Learning and the Development of Expertise Theory and Practice of Literacy	6cp 6cp 6cp 6cp	
Select 16 CBK9048 CBK9049 CBK9049 CBK9049	credit points from the following options: 7 Chinese Language and Culture 8 Japanese Language and Culture 0 French Language and Culture 1 Spanish Language and Culture 2 German Language and Culture	16cp 16cp 16cp 16cp 16cp	013107 013112 013113 013117 013120	Mentoring in the Workplace Phonology and Pronunciation Research Design Skill Learning and the Development of Expertise Theory and Practice of Literacy The Psychology of Adult Development	6cp 6cp 6cp	
Select 16 CBK9048 CBK9049 CBK9049 CBK9049	credit points from the following options: 7 Chinese Language and Culture 8 Japanese Language and Culture 0 French Language and Culture 1 Spanish Language and Culture	16cp 16cp 16cp 16cp	013107 013112 013113 013117	Mentoring in the Workplace Phonology and Pronunciation Research Design Skill Learning and the Development of Expertise Theory and Practice of Literacy The Psychology of Adult Development Theory and Practice of Teaching English to	6cp 6cp 6cp 6cp 6cp	
Select 16 CBK9048 CBK9049 CBK9049 CBK9049 CBK9049	credit points from the following options: 7 Chinese Language and Culture 8 Japanese Language and Culture 0 French Language and Culture 1 Spanish Language and Culture 2 German Language and Culture 3 Italian Language and Culture	16cp 16cp 16cp 16cp 16cp 16cp	013107 013112 013113 013117 013120 013121	Mentoring in the Workplace Phonology and Pronunciation Research Design Skill Learning and the Development of Expertise Theory and Practice of Literacy The Psychology of Adult Development Theory and Practice of Teaching English to Speakers of other Languages	6cp 6cp 6cp 6cp	
Select 16 CBK9048 CBK9049 CBK9049 CBK9049 CBK9049	credit points from the following options: 7 Chinese Language and Culture 8 Japanese Language and Culture 0 French Language and Culture 1 Spanish Language and Culture 2 German Language and Culture	16cp 16cp 16cp 16cp 16cp 16cp	013107 013112 013113 013117 013120	Mentoring in the Workplace Phonology and Pronunciation Research Design Skill Learning and the Development of Expertise Theory and Practice of Literacy The Psychology of Adult Development Theory and Practice of Teaching English to Speakers of other Languages Understanding Adult Education and	6cp 6cp 6cp 6cp 6cp 6cp	
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Select 16 CBK9048 CBK9049 CBK901 Select 8 c 976111 976502 976602 976404 976411 976421 976431 976451 CBK901 Select 36 49121 49122 49123 49125 49126 49049 49127 49109	credit points from the following options: 7 Chinese Language and Culture 8 Japanese Language and Culture 10 French Language and Culture 11 Spanish Language and Culture 12 German Language and Culture 13 Italian Language and Culture 14 Contemporary Society subject 16 redit points from the following options: 17 Contemporary China 18 Contemporary Japan 19 Contemporary Latin(o) Americas 19 Contemporary Canada (Quebec) 10 Contemporary France 10 Contemporary France 10 Contemporary Germany 10 Contemporary Germany 11 Contemporary Spain 17 Contemporary Spain 18 Core subjects 18 Credit points from the following options: 18 Environmental Assessment and Planning 18 Ecology and Sustainability 18 Waste and Pollution Management 18 Environmental Management of Land 18 Air and Noise Pollution 19 On-site Water and Wastewater Treatment 19 Engineered Natural Water Treatment 19 Systems 10 Contaminated Site and Waste Remediation	16cp 16cp 16cp 16cp 16cp 16cp 16cp 16cp	013107 013112 013113 013117 013120 013121 013122 013123 013125 013125 013127 013128 013129 013130 013131 013133 013134 013135 013136 013137 013138 013139 013141 013142 013143 013144 013145 013144 013145 013147	Mentoring in the Workplace Phonology and Pronunciation Research Design Skill Learning and the Development of Expertise Theory and Practice of Literacy The Psychology of Adult Development Theory and Practice of Teaching English to Speakers of other Languages Understanding Adult Education and Training Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family Culture, Difference and Curriculum Using Film for Critical Pedagogy Human Resources and Organisational Development Independent Study Project 1 Independent Study Project 2	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	al 6cp

CBK90149 Science subjects

Consult the course director before selecting this study package.

Completion requirements

Select 12	credit points from the following options:	12cp
91499	Current Topics in Science and Technology	12cp
		Total 12cp

CBK90151 Electives (IT Management)

Free choice of electives.

CBK90152 Visual Communications Technology subjects

Select 12 c	redit points from the following options:		12cp
87007	VC Technology: Pre-press and Print		-
	Production	6ср	
87539	VC Technology: Introduction to Web Media	6cp	
87549	VC Technology: Introduction to Interactive	1	
	Media	6cp	
87559	VC Technology: Introduction to Video	1	
	Media	6ср	
87569	VC Technology: Historical Photo Media	6cp	
	67		l 12cp
			1

CBK90154 Core subjects choice

Select 36 c	redit points from the following options:			36ср
49003	Economic Evaluation		6ср	-
49001	Judgment and Decision Making		6ср	
49002	Managing Projects		6ср	
49004	Systems Engineering for Managers		6ср	
49309	Quality Planning and Analysis		6ср	
Select one	of the following:		6ср	
49098	Engineering Financial Control	6ср		
22747	' Accounting for Managerial			
	Decisions	6ср		
Select one	of the following:		6ср	
49069	Leadership and Responsibility	6ср		
21844		6ср		
49680	Value Chain Engineering Systems		6ср	

6ср Total 36cp

CBK90159 Electives

ODICTO	O7 Electives	
Select 24	credit points from the following options:	24cp
31735	Information Systems and Organisation	-
	Development	6ср
31748	Programming on the Internet	6ср
31777	Human-Computer Interaction	6ср
31927	Application Development with .NET	6ср
31950	Networked Enterprise Design	6ср
31080	Digital Multimedia	6ср
31097	IT Operations Management	6ср
31335	Extreme Programming	6ср
31096	Managing Client/Vendor Relations	6ср
31100	Enterprise Development with .NET	6ср
31338	Network Servers	6ср
31091	Mobile Computing Project	6ср
31005	Data Mining Algorithms	6ср
		Total 24cp

CBK90161 Electives

Select 6 cr	redit points from the following options:	6ср
31080	Digital Multimedia	6ср
31097	IT Operations Management	6ср
31335	Extreme Programming	6ср
31748	Programming on the Internet	6ср
31777	Human-Computer Interaction	6ср
31927	Application Development with .NET	6ср
31735	Information Systems and Organisation	_
	Development	6ср
31950	Networked Enterprise Design	6ср
31096	Managing Client/Vendor Relations	6ср
31100	Enterprise Development with .NET	6ср
31338	Network Servers	6ср
31030	Project	6ср
31091	Mobile Computing Project	6ср
31005	Data Mining Algorithms	6ср
		Total 6cp

CBK90162 Electives (Non-IT)

Free choice of electives.

CBK90166 Electives (International Business Studies submajor)

99863	Exchange Subject 1	6ср
99864	Exchange Subject 2	6cp
99865	Exchange Subject 3	6cp
99866	Exchange Subject 4	6cp
	,	Total 24ch

CBK90167 Taxation Law sub-major choice

Select 6 ca	redit points from the following options:	6ср
79606	Advanced Taxation Law	6ср
79021	International Aspects of Australian	-
	Taxation Law	6ср
79022	GST and other Indirect Taxes	6ср
79026	Estate Planning (UG)	6ср
79027	Retirement Planning (UG)	6ср
	C .	Total 6cp

CDK00140 Major shajes (Business)

CBK90169 Major choice (Business)	
Select 48 credit points from the following options:	48cp
MAJ08437 Accounting	48cp
MAJ09209 Economics	48cp
MAJ08440 Finance	48cp
MAJ08446 Human Resource Management	48cp
MAJ08442 International Business	48cp
MAJ08438 Management	48cp
MAJ08441 Marketing	48cp
MAJ08068 Financial Services	48cp
MAJ08116 Marketing Communication	48cp
_	Total 48cp

CBK90170 Major/Two sub-majors/Sub-major + four electives

Select 48 cr	redit points from the following options:		48cp
MAJ08437	Accounting	48cp	
	Business Law	48cp	
MAJ09209	Economics	48cp	
MAJ08440	Finance	48cp	
MAJ08068	Financial Services	48cp	
MAJ08446	Human Resource Management	48cp	
MAJ02041	Information Technology	48cp	
MAJ08442	International Business	48cp	
MAJ08438	Management	48cp	
	Marketing	48cp	
MAJ08116	Marketing Communication	48cp	
	Sport Management	48cp	
MAJ08443	Tourism Management	48cp	
SMJ08131	Advanced Advertising	24cp	
SMJ08137	Advertising	24cp	
SMJ02036	Business Information Systems	24cp	
	Business Law	24cp	
SMJ09058	Econometrics	24cp	
	Economics	24cp	
SMJ08203	Event Management	24cp	
SMJ08123		24cp	
SMJ08214	Financial Planning	24cp	
SMJ08116	Financial Reporting	24cp	
SMJ08215	Financial Services	24cp	
03 5700444		~	

SMJ08141 Human Resource Development SMJ08128 Human Resource Management

SMJ08117 International Accounting SMJ08139 International Business Studies

SMJ08129 International Management SMJ09034 International Studies SMJ02037 Information Technology

SMJ09035 Language other than English

SMJ08130 Management SMJ08109 Management Consulting SMJ08195 Management Reporting

SMJ08138 Marketing SMJ08132 Marketing Research

SMJ01007 Mathematics SMJ08211 Public Relations 24cp

24cp

24cp 24cp

24cp 24cp 24cp

24cp

24cp 24cp 24cp

24cp 24cp 24cp

24cp

C) (TO(100 C)	2.4		
SMJ01025 Quantitative Management SMJ08120 Small Business Accounting	24cp 24cp	CBK90186 Major/Two sub-majors/Sub-major	+ four
SMJ09036 Specialist Country Studies	24cp 24cp	electives	40
SMJ08126 Sport Management	24cp	Select 48 credit points from the following options:	48cp
SMJ01009 Statistics	24cp	MAJ09209 Economics MAJ08440 Finance	48ср 48ср
SMJ08204 Strategic Marketing	24cp	MAJ08446 Human Resource Management	48cp
SMJ09033 Taxation Law	24cp	MAJ02041 Information Technology	48cp
SMJ08127 Tourism Management CBK90171 Electives	24cp 24cp	MAJ08442 International Business	48cp
CDR/01/1 Liccuves	Total 48cp	MAJ08438 Management	48cp
	1	MAJ08441 Marketing	48cp
CBK90171 Electives		MAJ08445 Sport Management MAJ08443 Tourism Management	48ср 48ср
Free choice of electives.		SMJ01007 Mathematics	24cp
CBK90173 Major choice		SMJ01009 Statistics	24cp
•	12000	SMJ01025 Quantitative Management	24cp
Select 120 credit points from the following options: MAJ03005 Electrical Engineering	120cp 120cp	SMJ02036 Business Information Systems SMJ02037 Information Technology	24cp 24cp
MAJ03007 Mechanical Engineering	120cp	SMJ08109 Management Consulting	24cp
MAJ03012 Mechanical and Mechatronic Engineering	120cp	SMJ08116 Financial Reporting	24cp
MAJ03001 Civil Engineering	120cp	SMJ08117 International Accounting	24cp
MAJ03002 Civil and Environmental Engineering MAJ03029 Innovation Engineering	120ср 120ср	SMJ08120 Small Business Accounting	24cp
MAJ03446 ICT Engineering	120cp 120cp	SMJ08123 Finance SMJ08126 Sport Management	24cp 24cp
CBK90010 No specified major	120cp	SMJ08127 Tourism Management	24cp
,	Total 120cp	SMJ08128 Human Resource Management	24cp
OD!(004E(M : 1 : (E : :)		SMJ08129 International Management	24cp
CBK90174 Major choice (Engineering)	400	SMJ08130 Management	24cp
Select 102 credit points from the following options:	102cp	SMJ08137 Advertising SMJ08138 Marketing	24cp
MAJ03019 Mechanical Engineering MAJ03017 Electrical Engineering	102ср 102ср	SMJ08139 International Business Studies	24cp 24cp
MAJ03014 Civil and Environmental Engineering	102cp	SMJ08141 Human Resource Development	24cp
MAJ03013 Civil Engineering	102cp	SMJ09028 Economics	24cp
CBK90053 No specified major	102cp	SMJ09030 Business Law	24cp
MAJ03448 ICT Engineering	102cp	SMJ09033 Taxation Law	24cp
	Total 102cp	SMJ09034 International Studies SMJ09035 Language other than English	24cp 24cp
CBK90175 Science major choice		SMJ09036 Specialist Country Studies	24cp
Select 78 credit points from the following options:	78cp	CBK90187 Electives	24cp
MAJ01087 Applied Chemistry	78cp	SMJ08195 Management Reporting	24cp
MAJ01088 Applied Physics	78cp	SMJ08204 Strategic Marketing	24cp
MAJ01089 Environmental Science	78cp	SMJ08131 Advanced Advertising SMJ08132 Marketing Research	24cp 24cp
MAJ01090 Biomedical Science MAJ01091 Nanotechnology	78cp 78cp	SMJ08203 Event Management	24cp
STM90348 Core subjects (Medical Science)	78cp	SMJ08211 Public Relations	24cp
STM90274 Core subjects (Biotechnology)	78cp	SMJ09058 Econometrics	24cp
MAJ01095 Mathematics	78cp	SMJ08214 Financial Planning	24cp
	Total 78cp	MAJ08116 Marketing Communication MAJ09401 Business Law	48ср 48ср
CBK90176 Major choice (Engineering)		MAJ08068 Financial Services	48cp
Select 114 credit points from the following options:	114cp	SMJ08215 Financial Services	24cp
MAJ03028 Electrical Engineering	114cp		Total 48cp
MAJ03030 Mechanical Engineering	114cp	CBK90187 Electives	
MAJ03450 Mechanical and Mechatronic Engineering	1	Free choice of electives.	
MAJ03025 Civil Engineering MAJ03026 Civil and Environmental Engineering	114cp 114cp	riee choice of electives.	
MAJ03449 ICT Engineering	114cp 114cp	CBK90190 Electives	
CBK90036 No specified major	114cp	Free choice of electives.	
•	Total 114cp		
CDV00170 Major shajos		CBK90191 Electives	
CBK90178 Major choice	0.4	Free choice of electives.	
Select 84 credit points from the following options: MAJ03413 Electrical Engineering	84cp 84cp	CBK90208 Electives	
MAJ03139 Mechanical Engineering	84cp	Free choice of electives.	
MAJ03134 Civil Engineering	84cp	Tree choice of electives.	
MAJ03412 Civil and Environmental Engineering	84cp	CBK90214 Major/Two sub-majors/Sub-major	+ four
MAJ03024 Innovation Engineering	84cp	electives	
MAJ03447 ICT Engineering STM90357 No specified major	84cp 84cp	Select 48 credit points from the following options:	48cp
511170557 110 specified major	Total 84cp	MAJ08934 Accounting and Finance	48cp
	1	MAJ02044 Information Technology MAJ09362 Business Law	48cp
CBK90185 Business Information Technology m	ajor choice	MAJ08938 Technology Management	48cp 48cp
Select 36 credit points from the following options:	36ср	MAJ08940 Finance	48cp
32509 Interaction Design 32531 Global Information Systems	6cp	MAJ08476 Management	48cp
32536 Advanced Software Modelling	6ср 6ср	MAJ08941 International Business	48cp
32702 Contemporary Telecommunications	6ср	MAJ08480 Marketing MAJ08483 Professional Accounting	48cp
32208 Information Systems Strategy	6cp	MAJ08483 Professional Accounting MAJ08020 Human Resource Management	48cp 48cp
32148 Enterprise Computing	6ср	CBK90216 Electives	24cp
42900 Sustainability and Information Systems	6cp Total 36cp	SMJ02038 Information Technology	24cp
	10tai 30CP	SMJ08037 Operations and Supply Chain	24cp
		SMJ08038 Strategic Management	24cp

SMI08066	Human Resources Management	24cp	49227	Wireless Sensor Networks	6ср
	Arts Management	24cp	49048	Wireless Networking Technologies	6ср
	Engineering Management	24cp	49099	GSM, GPRS and EDGE Technologies	6ср
SMJ08084	l Marketing	24cp	49110	3G Mobile Communication Systems	6ср
SMJ08147	7 Finance	24cp	32516	Internet Programming	6ср
SMI08148	3 International Business	24cp	42901	Object-Relational Databases	6cp
	3 Public Relations	24cp			
-				ne of the following:	6ср
	5 Sport Management	24cp	3293	,	ср
SMJ08156	5 Tourism Management	24cp	3293	34 Research Project 12	ср
	⁷ Business Law	24cp		,	Total 42cp
		24cp			rotar reep
	Project Management		ODIVOOS	OO/ Consider antique de la	
	Marketing Research	24cp	CBK9UZ	226 Specialist option choice	
SMJ10028	3 International Exchange	24ср	Select 24	credit points from the following options:	24cp
SMI08205	5 Strategic Marketing	24cp		55 Biomedical Technology stream	24cp
SMIOSOOS	3 Management	24cp			
CN 4T00200) Comment Monorant			54 Computer-aided Design stream	24cp
	Community Management	24cp	STM9035	52 Sustainable Energy Systems stream	24cp
SMJ08210	Value Creation in Services	24cp		53 Intelligent Systems stream	24cp
MAI0804	9 Accounting Information Systems	48cp		0)	Total 24cp
	B Event Management	24cp			rotar 2 rep
			ODIVOOS	OF FLANKA	
5101100090	3 Accounting Information Systems	24cp	CBK9UZ	227 Elective	
		Total 48cp	Free cho	ice of electives.	
CBK902	16 Electives		CBK902	228 Electives	
The electi	ves chosen should comprise postgraduate s	ubjects only.	Select 18	credit points from the following options:	18ср
			48023	Programming Fundamentals	6ср
Complet	ion requirements		48024	Applications Programming	6ср
-	-				оср
Free choi	ce of electives.		48027	Language and Contexts of Australian	
				Engineering	6ср
CBK902	22 Major/Electives		48071	Engineering Analytical Modelling	6ср
		0.4	48080	Introduction to Innovation	6ср
	credit points from the following options:	24cp		Review of External Course	
35322	Advanced Analysis	6ср	48211		2cp
35335	Mathematical Methods	6ср	48221	Engineering Computations	6ср
35340	Quantitative Management Practice	6cp	48330	Soil Behaviour	6ср
		оср	48331	Mechanics of Solids	6cp
35342	Nonlinear Methods in Quantitative				
	Management	6ср	48340	Construction	6ср
35344	Network and Combinatorial		48349	Structural Analysis	6ср
	Optimisation	6ср	48350	Environmental and Sanitation Engineerin	д 6ср
35355	Quality Control	. *	48352	Construction Materials	6cp
		6cp	48359	Structural Design 1	6cp
35356	Design and Analysis of Experiments	6ср			
35361	Stochastic Processes	6ср	48360	Geotechnical Engineering	6ср
35383	High Performance Computing	6ср	48362	Hydraulics and Hydrology	6ср
35391	Seminar (Mathematics)	6ср	48369	Structural Design 2	6ср
			48370	Road and Transport Engineering	6ср
35393	Seminar (Statistics)	6ср			
MAJ0102	4 Quantitative Management Science	24ср	48389	Computer Modelling and Design	6ср
MAI0102	3 Statistics	24cp	48430	Embedded C	6ср
	6 Mathematics	24cp	48433	Software Architecture	6ср
1417 130 100	o matiematics		48434	Embedded Software	6cp
		Total 24cp	48440		1
				Software Engineering Practice	6ср
CBK902	23 Science major choice		48441	Introductory Digital Systems	6ср
	ce of electives.		48450	Real-time Operating Systems	6ср
riee chor	te of electives.		48451	Advanced Digital Systems	6cp
			48510	Introduction to Electrical Engineering	6ср
CBK902	25 Core subjects choice				
Select 42	credit points from the following options:	42cp	48520	Electronics and Circuits	6ср
32009	Advanced Routing Principles		48530	Circuit Analysis	6ср
		6cp	48531	Electromechanical Automation	6ср
32010	Wide Area Network Implementation	6ср	48540	Signals and Systems	6cp
32011	Multilayer Switched Networks	6ср	48541	Signal Theory	6ср
32109	Troubleshooting Converged Networks	6ср		Renewable Energy Systems	
32520	UNIX Systems Administration	6cp	48550		6ср
32525	Web Services Technologies and	r	48551	Analog Electronics	6ср
52525		600	48560	Introductory Control	6ср
22-2-	Applications	6ср	48561	Power Electronics and Drives	6cp
32527	Internetwork Design	6ср	48570	Data Acquisition and Distribution	6ср
32528	Network Management	6ср			υcρ
32548	Network Security	6ср	48610	Introduction to Mechanical and	
32549	Advanced Internet Programming			Mechatronic Engineering	6ср
		6cp	48620	Fundamentals of Mechanical Engineering	6ср
32001	Mobile Commerce Technologies	6ср	48621	Manufacturing Engineering	6cp
32521	WANS and VLANS	6ср	48622	Mechatronics 1	6ср
32012	Internet Quality of Service (QoS)	6ср			
32702	Contemporary Telecommunications	6cp	48623	Mechatronics 2	6ср
			48640	Machine Dynamics	6ср
32931	Technology Research Methods	6ср	48641	Fluid Mechanics	6ср
95563	Digital Media Development Process	6ср	48642	Strength of Engineering Materials	6ср
95564	Digital Media Technologies	6ср	48650	Mechanical Design 2	
95567	Digital Media in Social Context	6cp			6cp
32509	Interaction Design		48651	Thermodynamics	6ср
		6cp	48660	Dynamics and Control	6ср
79203	Business Law and Ethics	6ср	48661	Heat Transfer	6ср
32310	Network Security Appliances	6ср	48662	Mechanical Applications	6ср
32309	Digital Forensics	6ср	48663	Advanced Manufacturing	
32209	Advanced Topics in Computer Networks	6ср			6ср
32523	Operating Systems for Network Security		48670	Mechanical and Mechatronic Design	6ср
		6cp	48720	Network Fundamentals	6ср
32552	IP Telephony and Voice over IP	6ср	48721	Strategic e-Business Technologies	6ср
32013	.NET Enterprise Development	6ср	48730	Authentication and System Security	6cp
32541	Project Management	6ср	48740	Communications Networks	
32998	.NET Application Development	6cp	40/40	Communications Networks	6ср
	rr	T.			

48750	Network Planning and Management	6ср	CBKOUS	30 Elective	
48770	Continuous Communications	6cp			
48771	Discrete Communications	6cp		redit points from the following options:	(
48780	Mobile Communications	6ср	42900	Sustainability and Information Systems	6cp
48840	Water Supply and Wastewater Engineering	6ср	42901 42902	Object-Relational Databases	6cp
48850	Environmental Planning and Law	6cp	42902	Interior Routing and High Availability Multi Protocol Label Switching	6cp
48860	Pollution Control and Waste Management	6ср	42903	Cloud Computing and Software as a	6ср
48901	Professional Service Project A	6ср	42704	Service	6cn
48902	Professional Service Project B	6ср	49001		6cp
48903	Professional Service Project C	4cp	49002	Judgment and Decision Making Managing Projects	6cp
48904	Professional Service Project D	2cp	49002	Economic Evaluation	6cp
35010	Foundation Mathematics	6cp	49003	Systems Engineering for Managers	6ср 6ср
49124	Water Quality Management	6cp	49006	Risk Management in Engineering	6ср
49006	Risk Management in Engineering	6cp	49013	Managing Information Technology in	оср
49016	Technology and Innovation	1	17010	Engineering	6ср
	Management	6ср	49016	Technology and Innovation	ocp
49047	Finite Element Analysis	6ср	1,010	Management	6ср
49049	Air and Noise Pollution	6ср	49021	Evaluation of Infrastructure	- 1
49102	Traffic and Transportation	6ср		Investments	6ср
49106	Road Engineering Practice	6ср	49022	Energy Resources and Technology	6cp
49107	Urban Stormwater Design	6ср	49023	Energy and Environmental Economics	6cp
49108	Local Government Powers and Practice	6ср	49024	Energy Modelling	6cp
49121	Environmental Assessment and Planning	6ср	49025	Methods for Energy Analysis	6ср
49122	Ecology and Sustainability	6ср	49026	Electricity Sector Planning and	1
49123	Waste and Pollution Management	6cp		Restructuring	6ср
49125	Environmental Risk Assessment	6cp	49027	Energy Demand Analysis and Forecasting	6ср
49126	Environmental Management of Land	6cp	49028	Policy and Planning of Energy	
49131	Bridge Design	6cp		Conservation	6ср
49132	Stability of Structures	6cp	49029	Environmental Policy for Energy Systems	6ср
49133	Steel and Composite Design	6ср	49047	Finite Element Analysis	6ср
49134	Structural Dynamics and Earthquake	(49048	Wireless Networking Technologies	6ср
40125	Engineering Wind Engineering	6cp	49049	Air and Noise Pollution	6ср
49135 49136	Wind Engineering	6ср	49069	Leadership and Responsibility	6ср
49130	Application of Timber in Engineering Structures	6an	49098	Engineering Financial Control	6cp
49150	Prestressed Concrete Design	6cp	49099	GSM, GPRS and EDGE Technologies	6cp
49151	Concrete Technology and Practice	6cp	49102	Traffic and Transportation	6ср
49152	Rehabilitation of Concrete Structures	6ср 6ср	49105	Water Supply and Wastewater	_
49307	Internal Combustion Engines	6cp	40107	Management	6cp
49316	Materials Handling	6cp	49106	Road Engineering Practice	6cp
49322	Airconditioning	6cp	49107	Urban Stormwater Design	6cp
49323	Vibration Analysis	6cp	49108	Local Government Powers and Practice	6ср
49928	Design Optimisation for Manufacturing	6cp	49109	Engineered Natural Water Treatment	6 010
48353	Concrete Design	6cp	49110	Systems 3G Mobile Communication Systems	6cp
48821	Ecological Engineering	6ср	49115	Facade Engineering	6cp
48342	Structural Behaviour and Design	6cp	49116	Contaminated Site and Waste Remediation	6cp
49109	Engineered Natural Water Treatment	1	49117	Floodplain Risk Management in NSW	6ср 6ср
	Systems	6ср	49118	Applied Geotechnics	6ср
49115	Facade Engineering	6cp	49119	Problematic Soils and Ground	оср
49117	Floodplain Risk Management in NSW	6cp	17117	Improvement Techniques	6ср
49225	Software Project Management	6ср	49121	Environmental Assessment and Planning	6ср
49247	Object-oriented Technology	6ср	49122	Ecology and Sustainability	6ср
49262	Web Technologies	6ср	49123	Waste and Pollution Management	6ср
49274	Advanced Robotics	6ср	49124	Water Quality Management	6cp
49275	Neural Networks and Fuzzy Logic	6ср	49125	Environmental Risk Assessment	6cp
49285	Emergency Management	6ср	49126	Environmental Management of Land	6ср
49286	Vehicle Design	6ср	49127	On-site Water and Wastewater Treatment	6cp
49321	Energy Conversion	6cp	49131	Bridge Design	6ср
48521	Fundamentals of Electrical Engineering	6ср	49132	Stability of Structures	6ср
48572	Power Circuit Theory	6cp	49133	Steel and Composite Design	6ср
49261	Biomedical Instrumentation	6ср	49134	Structural Dynamics and Earthquake	
48571	Electrical Machines	6ср		Engineering	6ср
48580	Advanced Control	6ср	49135	Wind Engineering	6ср
48581	Digital Electronics	6cp	49136	Application of Timber in Engineering	
48582 48583	Power Systems Analysis and Design	6cp		Structures	6ср
48600	Power Systems Operation and Protection Mechanical Design 1	6cp	49150	Prestressed Concrete Design	6ср
48601	Mechanical Vibration and Measurement	6cp	49151	Concrete Technology and Practice	6cp
49329	Control of Mechatronic Systems	6ср 6ср	49152	Rehabilitation of Concrete Structures	6ср
49330	Sensors and Signal Processing	6cp	49201	Integrated Services Networks	6ср
49325	Computer-aided Mechanical Design	6cp	49202	Communication Protocols	6cp
49328	Turbomachines	6cp	49205	Transmission Systems	6ср
49118	Applied Geotechnics	6cp	49215	Telecommunications Industry	600
48033	Wireless Sensor Networks: Technology and	r	40222	Management	6cp
	Applications	6ср	49223 49225	Satellite Communication Systems	6cp
49119	Problematic Soils and Ground	- ~F	49225 49227	Software Project Management Wireless Sensor Networks	6cp
	Improvement Techniques	6ср	49227	Telecommunication Networks	6ср
49255	Catchment Modelling	6cp	1 /200	Management	6ср
49256	Flood Estimation	6ср	49247	Object-oriented Technology	6ср
49257	Geographic Information Systems	6cp	49249	Telecommunications Engineering Review	6ср
41101	Fundamentals of Biomedical Engineering	6ср	49249	Advanced Soil Mechanics and Foundation	ocp
41105	Biomedical Signal and Image Processing	6cp	1/201	Design	6ср
	3	Total 18cp		0	

6ср

49255	Catchment Modelling	6ср	97112	Chinese Film	8ср
49256	Flood Estimation	6cp	97204	Japanese Language and Culture 4	8cp
49257	Geographic Information Systems	6cp	97205	Japanese Language and Culture 5	8cp
49258	Pavement Analysis and Design	6cp	97206	Japanese Language and Culture 6	8cp
49261	Biomedical Instrumentation	6cp	97207	Japanese Films and Popular Culture	8cp
49262			97208		
	Web Technologies	6cp		Japanese Language and Identity	8cp
49263	Software Analysis and Design	6ср	97209	Japanese Media and Current Issues	8cp
49274	Advanced Robotics	6cp	97210	Transcultural Communication in Japanese	8cp
49275	Neural Networks and Fuzzy Logic	6ср	97404	French Language and Culture 4	8ср
49285	Emergency Management	6ср	97405	French Language and Culture 5	8cp
49286	Vehicle Design	6ср	97406	French Language and Culture 6	8ср
49306	Quality and Operations Management	•	97407	Francophone Identities in Conflict	8cp
	Systems	6ср	97408	Show and Tell: Francophone Cultures on	1
49307	Internal Combustion Engines	6cp		Display	8ср
49309	Quality Planning and Analysis	6cp	97409	Francophone Cultures of Consumption	8cp
49312	Advanced Flow Modelling	6cp	97410	Places and Spaces of the Francophone	оср
			97410		9.00
49316	Materials Handling	6cp	07504	World	8cp
49321	Energy Conversion	6cp	97504	Spanish Language and Culture 4	8cp
49322	Airconditioning	6ср	97505	Spanish Language and Culture 5	8ср
49323	Vibration Analysis	6ср	97506	Spanish Language and Culture 6	8cp
49325	Computer-aided Mechanical Design	6ср	97507	Spanish Language and Culture 7	8ср
49328	Turbomachines	6ср	97508	Spanish Language and Culture 8	8cp
49329	Control of Mechatronic Systems	6cp	97604	German Language and Culture 4	8cp
49330	Sensors and Signal Processing	6cp	97605	German Language and Culture 5	8cp
49655	Integrated Logistic Support	6cp	97606	German Language and Culture 6	8cp
49678		. *	97607	German Language and Culture 7	
	Reliability Availability and Maintainability	6cp			8cp
49680	Value Chain Engineering Systems	6cp	97608	German Language and Culture 8	8cp
49701	Gas Sector Planning	6ср	97804	Italian Language and Culture 4	8cp
49702	Gas Distribution Technology and		97805	Italian Language and Culture 5	8cp
	Management	6ср	97806	Italian Language and Culture 6	8ср
49703	Selected Topics (Energy Pricing)	6cp	97807	Italian Language and Culture 7	8cp
49706	Regulatory Economics	6cp	97808	Italian Language and Culture 8	8cp
49928	Design Optimisation for Manufacturing	6ср	979510	Contemporary China	8cp
49989	Operations Engineering	6cp	979511	Contemporary Japan	8cp
32555	Fundamentals of Software Development	6ср	979512	Contemporary France	8cp
32603	Systems Quality Management	6ср	979513	Contemporary Spain	8cp
32570	Enterprise Software Architecture and		979514	Contemporary Germany	8ср
	Middleware	6ср	979515	Contemporary Italy	8cp
42001	Bioinformatics	6cp	979516	Contemporary Canada (Quebec)	8cp
		Total 6cp	979517	Contemporary Switzerland	8cp
		rotur ocp	979518	Contemporary Latin(o) Americas	_ *
	24 Flactives (Intermedianal Chudian)		27 2310	Contemporary Lauri(o) Americas	8cp
	31 Electives (International Studies)				Total 24cp
	credit points from the following options:	24cp	001/000	20 El .: (G : 110)	Total 24cp
	· · · · · · · · · · · · · · · · · · ·	24cp	CBK9023	32 Electives (Science UG)	Total 24cp
Select 24	credit points from the following options:	_		32 Electives (Science UG) te of electives.	Total 24cp
Select 24	credit points from the following options: Intercultural and International Communication	8cp			Total 24cp
Select 24 57025 97401	credit points from the following options: Intercultural and International Communication French Language and Culture 1	8cp 8cp	Free choic	ce of electives.	Total 24cp
Select 24 57025 97401 97402	credit points from the following options: Intercultural and International Communication French Language and Culture 1 French Language and Culture 2	8cp 8cp 8cp	Free choice CBK9023	ce of electives. 33 Electives	Total 24cp
Select 24 57025 97401 97402 97403	credit points from the following options: Intercultural and International Communication French Language and Culture 1 French Language and Culture 2 French Language and Culture 3	8cp 8cp 8cp 8cp	Free choice CBK9023	ce of electives.	Total 24cp
Select 24 57025 97401 97402 97403 97101	credit points from the following options: Intercultural and International Communication French Language and Culture 1 French Language and Culture 2 French Language and Culture 3 Chinese Language and Culture 1	8cp 8cp 8cp 8cp 8cp	Free choice Free choice	te of electives. 33 Electives te of electives.	Total 24cp
Select 24 57025 97401 97402 97403 97101 97102	credit points from the following options: Intercultural and International Communication French Language and Culture 1 French Language and Culture 2 French Language and Culture 3 Chinese Language and Culture 1 Chinese Language and Culture 2	8cp 8cp 8cp 8cp 8cp 8cp	Free choice Free choice	ce of electives. 33 Electives	Total 24cp
Select 24 57025 97401 97402 97403 97101 97102 97103	credit points from the following options: Intercultural and International Communication French Language and Culture 1 French Language and Culture 2 French Language and Culture 3 Chinese Language and Culture 1 Chinese Language and Culture 2 Chinese Language and Culture 3	8cp 8cp 8cp 8cp 8cp 8cp 8cp	CBK9023 Free choice CBK9023	te of electives. 33 Electives te of electives.	Total 24cp
Select 24 57025 97401 97402 97403 97101 97102 97103 97601	credit points from the following options: Intercultural and International Communication French Language and Culture 1 French Language and Culture 2 French Language and Culture 3 Chinese Language and Culture 1 Chinese Language and Culture 2 Chinese Language and Culture 3 German Language and Culture 3	8cp 8cp 8cp 8cp 8cp 8cp	CBK9023 Free choice CBK9023	te of electives. 33 Electives te of electives. 34 Electives (Cultural Studies)	Total 24cp
Select 24 57025 97401 97402 97403 97101 97102 97103	credit points from the following options: Intercultural and International Communication French Language and Culture 1 French Language and Culture 2 French Language and Culture 3 Chinese Language and Culture 1 Chinese Language and Culture 2 Chinese Language and Culture 3 German Language and Culture 3	8cp 8cp 8cp 8cp 8cp 8cp 8cp	CBK9023 Free choice CBK9023 Free choice	te of electives. 33 Electives te of electives. 34 Electives (Cultural Studies) te of electives.	Total 24cp
Select 24 57025 97401 97402 97403 97101 97102 97103 97601 97602	credit points from the following options: Intercultural and International Communication French Language and Culture 1 French Language and Culture 2 French Language and Culture 3 Chinese Language and Culture 1 Chinese Language and Culture 2 Chinese Language and Culture 3 German Language and Culture 3 German Language and Culture 1 German Language and Culture 1	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	Free choice CBK9023 Free choice CBK9023 Free choice CBK9023	te of electives. 33 Electives te of electives. 34 Electives (Cultural Studies) te of electives. 35 Major choice	
Select 24 57025 97401 97402 97403 97101 97102 97103 97601 97602 97603	credit points from the following options: Intercultural and International Communication French Language and Culture 1 French Language and Culture 2 French Language and Culture 3 Chinese Language and Culture 1 Chinese Language and Culture 2 Chinese Language and Culture 3 German Language and Culture 3 German Language and Culture 1 German Language and Culture 2 German Language and Culture 3	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	CBK9023 Free choice CBK9023 Free choice CBK9023 Select one	te of electives. 33 Electives te of electives. 34 Electives (Cultural Studies) te of electives. 35 Major choice to of the following:	84cp
Select 24 57025 97401 97402 97403 97101 97102 97103 97601 97602 97603 97801	credit points from the following options: Intercultural and International Communication French Language and Culture 1 French Language and Culture 2 French Language and Culture 3 Chinese Language and Culture 1 Chinese Language and Culture 2 Chinese Language and Culture 3 German Language and Culture 1 German Language and Culture 1 German Language and Culture 2 German Language and Culture 3 Italian Language and Culture 3	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	CBK9023 Free choice CBK9023 Free choice CBK9023 Select one MAJ	te of electives. 33 Electives te of electives. 34 Electives (Cultural Studies) te of electives. 35 Major choice to of the following: 08914 Human Resource Development	84cp 84cp
Select 24 57025 97401 97402 97403 97101 97102 97103 97601 97602 97603 97801 97802	credit points from the following options: Intercultural and International Communication French Language and Culture 1 French Language and Culture 2 French Language and Culture 3 Chinese Language and Culture 1 Chinese Language and Culture 2 Chinese Language and Culture 3 German Language and Culture 1 German Language and Culture 2 German Language and Culture 2 Italian Language and Culture 3 Italian Language and Culture 3 Italian Language and Culture 1	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	CBK9023 Free choice CBK9023 Free choice CBK9023 Select one MAJ	te of electives. 33 Electives te of electives. 34 Electives (Cultural Studies) te of electives. 35 Major choice to of the following:	84cp 84cp 84cp
Select 24 57025 97401 97402 97403 97101 97102 97103 97601 97602 97603 97801 97802 97803	credit points from the following options: Intercultural and International Communication French Language and Culture 1 French Language and Culture 2 French Language and Culture 3 Chinese Language and Culture 1 Chinese Language and Culture 2 Chinese Language and Culture 3 German Language and Culture 1 German Language and Culture 2 German Language and Culture 3 Italian Language and Culture 3 Italian Language and Culture 1 Italian Language and Culture 2 Italian Language and Culture 2	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	Free choice CBK9023 Free choice CBK9023 Free choice CBK9023 Select one MAJ MAJ	te of electives. 33 Electives te of electives. 34 Electives (Cultural Studies) te of electives. 35 Major choice to of the following: 08914 Human Resource Development	84cp 84cp 84cp 84cp 84cp
Select 24 57025 97401 97402 97403 97101 97102 97103 97601 97602 97603 97801 97802 97803 97801	credit points from the following options: Intercultural and International Communication French Language and Culture 1 French Language and Culture 2 French Language and Culture 3 Chinese Language and Culture 1 Chinese Language and Culture 2 Chinese Language and Culture 3 German Language and Culture 1 German Language and Culture 2 German Language and Culture 3 Italian Language and Culture 1 Italian Language and Culture 2 Italian Language and Culture 3 Japanese Language and Culture 3	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	Free choice CBK9023 Free choice CBK9023 Free choice CBK9023 Select one MAJ MAJ	te of electives. 33 Electives te of electives. 34 Electives (Cultural Studies) te of electives. 35 Major choice to of the following: 08914 Human Resource Development 08915 Management	84cp 84cp 84cp 84cp 84cp
Select 24 57025 97401 97402 97403 97101 97102 97103 97601 97602 97603 97801 97802 97803 97201 97202	credit points from the following options: Intercultural and International Communication French Language and Culture 1 French Language and Culture 2 French Language and Culture 3 Chinese Language and Culture 1 Chinese Language and Culture 2 Chinese Language and Culture 3 German Language and Culture 3 German Language and Culture 1 German Language and Culture 2 German Language and Culture 3 Italian Language and Culture 1 Italian Language and Culture 2 Italian Language and Culture 3 Japanese Language and Culture 3 Japanese Language and Culture 1 Japanese Language and Culture 1	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	Free choice CBK9023 Free choice CBK9023 Free choice CBK9023 Select one MAJ MAJ	te of electives. 33 Electives te of electives. 34 Electives (Cultural Studies) te of electives. 35 Major choice to of the following: 08914 Human Resource Development 08915 Management	84cp 84cp 84cp
Select 24 57025 97401 97402 97403 97101 97102 97103 97601 97602 97603 97801 97802 97803 97201 97202 97203	credit points from the following options: Intercultural and International Communication French Language and Culture 1 French Language and Culture 2 French Language and Culture 3 Chinese Language and Culture 1 Chinese Language and Culture 2 Chinese Language and Culture 3 German Language and Culture 1 German Language and Culture 1 German Language and Culture 2 Italian Language and Culture 2 Italian Language and Culture 2 Italian Language and Culture 3 Japanese Language and Culture 3 Japanese Language and Culture 3 Japanese Language and Culture 2 Japanese Language and Culture 2 Japanese Language and Culture 2	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	Free choice CBK9023 Free choice CBK9023 Free choice CBK9023 Select one MAJ MAJ STM	te of electives. 33 Electives te of electives. 34 Electives (Cultural Studies) te of electives. 35 Major choice to of the following: 08914 Human Resource Development 08915 Management 90365 No specified major	84cp 84cp 84cp 84cp 84cp
Select 24 57025 97401 97402 97403 97101 97102 97103 97601 97602 97603 97801 97802 97803 97201 97202 97203 97501	credit points from the following options: Intercultural and International Communication French Language and Culture 1 French Language and Culture 2 French Language and Culture 3 Chinese Language and Culture 1 Chinese Language and Culture 2 Chinese Language and Culture 3 German Language and Culture 3 German Language and Culture 1 German Language and Culture 2 Italian Language and Culture 2 Italian Language and Culture 2 Italian Language and Culture 3 Japanese Language and Culture 3 Japanese Language and Culture 1 Japanese Language and Culture 2 Japanese Language and Culture 3 Spanish Language and Culture 3	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	CBK9023 Free choice CBK9023 Free choice CBK9023 Select one MAJ MAJ STM CBK9023	te of electives. 33 Electives te of electives. 34 Electives (Cultural Studies) te of electives. 35 Major choice te of the following: 08914 Human Resource Development 08915 Management 90365 No specified major 36 Electives (Journalism)	84cp 84cp 84cp 84cp Total 84cp
Select 24 57025 97401 97402 97403 97101 97102 97103 97601 97602 97603 97801 97802 97803 97201 97202 97203	credit points from the following options: Intercultural and International Communication French Language and Culture 1 French Language and Culture 2 French Language and Culture 3 Chinese Language and Culture 1 Chinese Language and Culture 2 Chinese Language and Culture 3 German Language and Culture 1 German Language and Culture 1 German Language and Culture 2 Italian Language and Culture 2 Italian Language and Culture 2 Italian Language and Culture 3 Japanese Language and Culture 3 Japanese Language and Culture 3 Japanese Language and Culture 2 Japanese Language and Culture 2 Japanese Language and Culture 2	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	CBK9023 Free choice CBK9023 Free choice CBK9023 Select one MAJ MAJ STM CBK9023 Select 8 cm	the of electives. 33 Electives the of electives. 34 Electives (Cultural Studies) the of electives. 35 Major choice to of the following: 08914 Human Resource Development 08915 Management 90365 No specified major 36 Electives (Journalism) the dit points from the following options:	84cp 84cp 84cp 84cp Total 84cp
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Select 24 57025 97401 97402 97403 97101 97102 97103 97601 97602 97603 97801 97802 97203 97201 97202 97203 97501 57022 57028 57031 57061 57100 57138 57145 57152 57167 57178 57182 97104 97105 97106 97109	credit points from the following options: Intercultural and International Communication French Language and Culture 1 French Language and Culture 2 French Language and Culture 3 Chinese Language and Culture 1 Chinese Language and Culture 2 Chinese Language and Culture 2 Chinese Language and Culture 3 German Language and Culture 3 German Language and Culture 1 German Language and Culture 2 German Language and Culture 3 Italian Language and Culture 3 Italian Language and Culture 2 Italian Language and Culture 2 Italian Language and Culture 1 Japanese Language and Culture 2 Japanese Language and Culture 2 Spanish Language and Culture 2 Spanish Language and Culture 2 Spanish Language and Culture 3 Spanish Language and Culture 3 Spanish Loguage and Culture 3 Research and Reporting for Journalism Foundations of Communication Research for Communication Professionals Non-fiction Writing Issues in Documentary People, Information and Knowledge International and Comparative Journalism Freelance Writing Investigative Research in the Digital Environment Moving Image Digital and Multiplatform Storytelling Rethinking Media Chinese Language and Culture 4 Chinese Language and Culture 5 Chinese Mass Media	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	CBK9023 Select 8 ct 57014 CBK9023 Select 8 ct 57014	ge of electives. 33 Electives ge of electives. 34 Electives (Cultural Studies) ge of electives. 35 Major choice ge of the following: 08914 Human Resource Development 08915 Management 90365 No specified major 36 Electives (Journalism) gedit points from the following options: Journalism Studies Regulation of the Media Feature Writing 37 Journalism subjects gedit points from the following options: Feature Writing 38 Electives gedit points from the following options: Online Documentary 39 400-level Media Arts subjects gedit points from the following options: Mise-en-Scene	84cp 84cp 84cp 84cp Total 84cp Total 84cp 8cp 8cp 8cp Total 8cp 8cp Total 8cp 8cp Scp Total 8cp
Select 24 57025 97401 97402 97403 97101 97102 97103 97601 97602 97801 97802 97803 97201 97202 97203 97501 97502 97503 57011 57022 57028 57031 57061 57100 57138 57145 57152 57167 57178 57182 97104 97106 97109 97110	credit points from the following options: Intercultural and International Communication French Language and Culture 1 French Language and Culture 2 French Language and Culture 3 Chinese Language and Culture 1 Chinese Language and Culture 2 Chinese Language and Culture 2 Chinese Language and Culture 3 German Language and Culture 3 German Language and Culture 1 German Language and Culture 2 German Language and Culture 3 Italian Language and Culture 2 Japanese Language and Culture 1 Japanese Language and Culture 2 Japanese Language and Culture 2 Spanish Language and Culture 2 Spanish Language and Culture 3 Spanish Language and Culture 3 Spanish Language and Culture 3 Research and Reporting for Journalism Foundations of Communication Research for Communication Professionals Non-fiction Writing Issues in Documentary People, Information and Knowledge International and Comparative Journalism Freelance Writing Investigative Research in the Digital Environment Moving Image Digital and Multiplatform Storytelling Rethinking Media Chinese Language and Culture 4 Chinese Language and Culture 5 Chinese Language and Culture 6 Chinese Mass Media Twentieth Century Chinese Fiction	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	CBK9023 Select 8 cr 57014	the of electives. 33 Electives the of electives. 34 Electives (Cultural Studies) the of electives. 35 Major choice the following: 08914 Human Resource Development 08915 Management 90365 No specified major 36 Electives (Journalism) the dit points from the following options: Journalism Studies Regulation of the Media Feature Writing 37 Journalism subjects the dit points from the following options: Feature Writing 38 Electives the dit points from the following options: Online Documentary 39 400-level Media Arts subjects the dit points from the following options: Online Documentary	84cp 84cp 84cp 84cp 84cp Total 84cp Total 84cp 8cp 8cp 8cp Total 8cp 8cp Total 8cp 8cp Total 8cp
Select 24 57025 97401 97402 97403 97101 97102 97103 97601 97602 97603 97801 97802 97203 97201 97202 97203 97501 57022 57028 57031 57061 57100 57138 57145 57152 57167 57178 57182 97104 97105 97106 97109	credit points from the following options: Intercultural and International Communication French Language and Culture 1 French Language and Culture 2 French Language and Culture 3 Chinese Language and Culture 1 Chinese Language and Culture 2 Chinese Language and Culture 2 Chinese Language and Culture 3 German Language and Culture 3 German Language and Culture 1 German Language and Culture 2 German Language and Culture 3 Italian Language and Culture 3 Italian Language and Culture 2 Italian Language and Culture 2 Italian Language and Culture 1 Japanese Language and Culture 2 Japanese Language and Culture 2 Spanish Language and Culture 2 Spanish Language and Culture 2 Spanish Language and Culture 3 Spanish Language and Culture 3 Spanish Loguage and Culture 3 Research and Reporting for Journalism Foundations of Communication Research for Communication Professionals Non-fiction Writing Issues in Documentary People, Information and Knowledge International and Comparative Journalism Freelance Writing Investigative Research in the Digital Environment Moving Image Digital and Multiplatform Storytelling Rethinking Media Chinese Language and Culture 4 Chinese Language and Culture 5 Chinese Mass Media	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	CBK9023 Select 8 ct 57014 CBK9023 Select 8 ct 57014	ge of electives. 33 Electives ge of electives. 34 Electives (Cultural Studies) ge of electives. 35 Major choice ge of the following: 08914 Human Resource Development 08915 Management 90365 No specified major 36 Electives (Journalism) gedit points from the following options: Journalism Studies Regulation of the Media Feature Writing 37 Journalism subjects gedit points from the following options: Feature Writing 38 Electives gedit points from the following options: Online Documentary 39 400-level Media Arts subjects gedit points from the following options: Mise-en-Scene	84cp 84cp 84cp 84cp Total 84cp Total 84cp 8cp 8cp 8cp Total 8cp 8cp Total 8cp 8cp Scp Total 8cp

CBK90240 Electives		SMI0903	5 Language other than English	24cp
Select 8 credit points from the following options:	8ср		6 Specialist Country Studies	24cp
50001 Online Documentary	8ср	SMJ0904	5 Information Technology Law	24cp
57109 Film Animation	8cp		6 Quantitative Management	24cp
	Total 8cp		8 Advertising Principles	24cp
CDV002/4 Floatives (Cound)			8 Advertising Principles 7 Marketing Principles	24cp 24cp
CBK90241 Electives (Sound) Free choice of electives.			6 Innovation	24cp
Free choice of electives.		•		Total 24cp
CBK90242 Sub-major/Electives (DAB)		CBK902	50 Electives (Humanities and Social Scie	ncesì
Select 24 credit points from the following options:	24cp		redit points from the following options:	8ср
CBK90246 Electives	24cp	50001	Online Documentary	8ср
SMJ09035 Language other than English SMJ09036 Specialist Country Studies	24cp 24cp	50190	Professional Information Project	8cp
SMJ08157 Business Accounting	24cp	50251	Genocide Studies	8cp
SMJ10020 Architectural Studies	24cp	57147	Enterprise Content Management	8cp
SMJ08198 Advertising Principles	24cp			Total 8cp
SMJ08197 Marketing Principles	24cp	CBK902	51 Electives	
SMJ08206 Research Methods SMJ08211 Public Relations	24cp 24cp		credit points from the following options:	32cp
SMJ08212 Advertising	24cp	58324	Investigating Media, Reflective Practices	8cp
SMJ09048 Transnational Studies	24cp	58226	Media, Mediation, Power	8cp
SMJ09049 Reading Australia	24cp	58225	Introduction to Film Studies	8cp
SMJ09050 Environmental Studies	24cp	58323 58224	Contemporary World Cinema Australian Pasts and Places	8ср 8ср
SMJ09051 Bodies, Genders, Rights SMJ10032 Media Studies	24cp	50001	Online Documentary	8ср
SMJ10032 Media Studies SMJ10033 Screen Studies	24cp 24cp	58223	Social Bodies	8cp
SMJ10041 Writing and Cultural Studies	24cp	58316	Sex, Race and Empire	8ср
SMJ09053 Social Inquiry	24cp	58222	Global Politics from Above and Below	8cp
SMJ09043 Information	24cp	58318 50190	Gender, Culture, Power Professional Information Project	8cp
SMJ10034 Journalism	24cp	58117	Principles of Public Relations	8ср 8ср
SMJ09052 Aboriginal Studies SMJ09054 Information and Media	24cp 24cp	58128	Strategic Public Relations	8cp
51v1j02034 Information and Wedia	Total 24cp	58118	Principles of Advertising	8cp
	I	58129	Advertising Campaign Practice	8cp
CBK90244 Sub-major/Electives		58122	Introduction to Social Inquiry	8cp
Select 24 credit points from the following options:	24cp	50251 97101	Genocide Studies Chinese Language and Culture 1	8ср 8ср
CBK90127 Electives (Architecture)	24cp	97101	Chinese Language and Culture 2	8cp
SMJ04016 Architectural Experience	24cp Total 24cp	97401	French Language and Culture 1	8cp
	10tai 24cp	97402	French Language and Culture 2	8ср
CBK90246 Electives		97601	German Language and Culture 1	8cp
Free choice of electives.		97602 97801	German Language and Culture 2 Italian Language and Culture 1	8ср 8ср
		97802	Italian Language and Culture 2	8cp
CBK90247 Sub-major choice		97201	Japanese Language and Culture 1	8cp
Select 24 credit points from the following options: SMJ02043 Internetworking	24cp	97202	Japanese Language and Culture 2	8cp
SMJ02043 Internetworking SMJ02044 Mobile Computing	24cp 24cp	97501	Spanish Language and Culture 1	8cp
SMJ02045 Applications Development	24cp	97502 58110	Spanish Language and Culture 2 Introduction to Journalism	8ср 8ср
SMJ02047 IT Management	24cp	58227	Balancing World Views: Introduction to	оср
SMJ02039 Computer Graphics and Animation	24cp		Aboriginal Cultures	8cp
SMJ02040 Software Engineering SMJ08163 Internet Business Technology	24cp	58326	Australian Aboriginal Politics and History	8cp
5MJ00103 Internet business rectitology	24cp Total 24cp	58328 58320	The New Economy of Post-Nature Australian Fiction	8cp
	r	58111	Reporting with Sound and Image	8ср 8ср
CBK90248 Major choice		58112	Reporting and Editing for Print and Online	~ -r
Select 30 credit points from the following options:	30ср		Journalism	8cp
MAJ09313 Commercial Law	30cp	58116	The Ecology of Public Communication	8cp
MAJ09320 Dispute Resolution MAJ09367 Family Law	30ср 30ср	58119 58120	Text and Context Creativity and Culture	8cp
MAJ09307 Family Law MAJ09323 Information Technology Law	30cp	58120	Fictional Forms	8ср 8ср
MAJ09363 Industrial and Intellectual Property Law	30cp	58123	Society, Economy and Globalisation	8cp
MAJ09322 International Law	30ср	58124	Local Transformations	8ср
MAJ09364 International Trade Law	30cp	58125	Creative Information Design	8cp
CBK90054 No specified major	30cp Total 30cp	58126 58127	Information Discovery and Analysis Information Cultures	8cp
	Total Socp	58317	Transnational Media	8ср 8ср
CBK90249 Sub-major/Electives		58319	Rights and Territories	8cp
Select 24 credit points from the following options:	24cp	58321	Australian Film	8cp
CBK90074 Electives	24cp	58322	Screening the Past	8cp
SMJ08157 Business Accounting	24cp	58325 58327	Audiences, Users, Publics, Communities Indigenous Futures	8cp
SMJ09040 Introductory Economics SMJ08159 Employment Relations	24cp 24cp	58327 58228	Climate Change: Politics and Ecology	8ср 8ср
SMJ08160 International Management	24cp 24cp	58329	Culture, Science and Nature	8cp
SMJ01010 Electronics and Computer Interfacing	24cp	58999	Professional Internship	8ср
SMJ01012 Physics	24cp	58900	Poetry	8ср
SMJ01009 Statistics	24cp	58901 58902	Screenwriting Writing Through Copre	8cp
SMJ02057 Scientific Computing SMJ09034 International Studies	24cp 24cp	58902	Writing Through Genre	8cp Total 32cp
ongovor international studies	2 KP			ozep

	52 Electives (Media Arts and Production)			97102	Chinese Language and Culture 2	8cp
Select 32	credit points from the following options:	3	32ср	97401	French Language and Culture 1	8ср
58324	Investigating Media, Reflective Practices	8cp	1	97402	French Language and Culture 2	8cp
58225	Introduction to Film Studies	8cp		97601	German Language and Culture 1	8cp
58323	Contemporary World Cinema	8cp		97602	German Language and Culture 2	8cp
50001	Online Documentary	8cp		97801 97802	Italian Language and Culture 1	8cp
58224	Australian Pasts and Places	8cp		97802	Italian Language and Culture 2	8cp
58223	Social Bodies	8cp		97201	Japanese Language and Culture 1 Japanese Language and Culture 2	8ср 8ср
58316	Sex, Race and Empire	8cp		97501	Spanish Language and Culture 1	8ср
58222	Global Politics from Above and Below	8cp		97502	Spanish Language and Culture 2	8cp
58318 58117	Gender, Culture, Power Principles of Public Relations	8cp		58227	Balancing World Views: Introduction to	оср
58117	Principles of Advertising	8ср 8ср			Aboriginal Cultures	8ср
58129	Advertising Campaign Practice	8cp		58326	Australian Aboriginal Politics and History	8cp
58122	Introduction to Social Inquiry	8cp		58328	The New Economy of Post-Nature	8cp
58128	Strategic Public Relations	8cp		58320	Australian Fiction	8cp
50251	Genocide Studies	8cp		58123	Society, Economy and Globalisation	8ср
97101	Chinese Language and Culture 1	8cp		58116	The Ecology of Public Communication	8cp
97102	Chinese Language and Culture 2	8cp		58110	Introduction to Journalism	8cp
97401	French Language and Culture 1	8cp		58119	Text and Context	8cp
97402	French Language and Culture 2	8cp		58111	Reporting with Sound and Image	8cp
97601	German Language and Culture 1	8cp		58112	Reporting and Editing for Print and Online	
97602	German Language and Culture 2	8cp		58120	Journalism Creativity and Culture	8cp
97801	Italian Language and Culture 1	8cp		58121	Fictional Forms	8cp 8cp
97802	Italian Language and Culture 2	8cp		58124	Local Transformations	8cp
97201 97202	Japanese Language and Culture 1	8cp		58125	Creative Information Design	8cp
97202	Japanese Language and Culture 2	8cp		58126	Information Discovery and Analysis	8cp
97502	Spanish Language and Culture 1 Spanish Language and Culture 2	8ср 8ср		58127	Information Cultures	8cp
58110	Introduction to Journalism	8cp		58317	Transnational Media	8cp
58227	Balancing World Views: Introduction to	оср		58319	Rights and Territories	8cp
00227	Aboriginal Cultures	8cp		58321	Australian Film	8cp
58326	Australian Aboriginal Politics and History	8cp		58322	Screening the Past	8cp
58328	The New Economy of Post-Nature	8cp		58325	Audiences, Users, Publics, Communities	8ср
58320	Australian Fiction	8cp		58327	Indigenous Futures	8ср
58123	Society, Economy and Globalisation	8cp		58228	Climate Change: Politics and Ecology	8cp
58116	The Ecology of Public Communication	8cp		58329	Culture, Science and Nature	8cp
58119	Text and Context	8cp		58999	Professional Internship	8cp
58111	Reporting with Sound and Image	8cp		58900	Poetry	8cp
58112	Reporting and Editing for Print and Online	_		58901 58902	Screenwriting Writing Through Copre	8cp
E0400	Journalism	8cp		36902	Writing Through Genre	8cp Total 32cp
58120 58121	Creativity and Culture Fictional Forms	8cp				10tai 52cp
		8cp		CBK9025	4 Dissertation/In-country study	
58124	Local Transformations	8cp			4 Dissertation/In-country study	24cn
58124 58125	Local Transformations Creative Information Design	8ср 8ср		Select 24 c	redit points from the following options:	24cp
58124 58125 58126	Local Transformations Creative Information Design Information Discovery and Analysis	8cp 8cp 8cp		Select 24 c 978141	redit points from the following options: In-country Study: Latino USA	24cp
58124 58125 58126 58127	Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures	8cp 8cp 8cp 8cp		Select 24 c 978141 978137	redit points from the following options: In-country Study: Latino USA In-country Study: France	24cp 24cp
58124 58125 58126 58127 58226	Local Transformations Creative Information Design Information Discovery and Analysis	8cp 8cp 8cp 8cp 8cp		Select 24 c 978141	redit points from the following options: In-country Study: Latino USA In-country Study: France In-country Study: Switzerland	24cp 24cp 24cp
58124 58125 58126 58127 58226 58317	Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures Media, Mediation, Power Transnational Media	8cp 8cp 8cp 8cp 8cp 8cp		Select 24 c 978141 978137 978144	redit points from the following options: In-country Study: Latino USA In-country Study: France	24cp 24cp 24cp 24cp
58124 58125 58126 58127 58226	Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures Media, Mediation, Power	8cp 8cp 8cp 8cp 8cp 8cp 8cp		Select 24 c 978141 978137 978144 978134	redit points from the following options: In-country Study: Latino USA In-country Study: France In-country Study: Switzerland In-country Study: Canada	24cp 24cp 24cp
58124 58125 58126 58127 58226 58317 58319	Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures Media, Mediation, Power Transnational Media Rights and Territories	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		Select 24 c 978141 978137 978144 978134 978138 978143 978142	redit points from the following options: In-country Study: Latino USA In-country Study: France In-country Study: Switzerland In-country Study: Canada In-country Study: Germany	24cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp
58124 58125 58126 58127 58226 58317 58319 58321 58322 58325	Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures Media, Mediation, Power Transnational Media Rights and Territories Australian Film	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		Select 24 c 978141 978137 978144 978134 978138 978143 978142 978140	redit points from the following options: In-country Study: Latino USA In-country Study: France In-country Study: Switzerland In-country Study: Canada In-country Study: Germany In-country Study: Spain In-country Study: Mexico In-country Study: Japan	24cp 24cp 24cp 24cp 24cp 24cp 24cp
58124 58125 58126 58127 58226 58317 58319 58321 58322 58325 58327	Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures Media, Mediation, Power Transnational Media Rights and Territories Australian Film Screening the Past Audiences, Users, Publics, Communities Indigenous Futures	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		Select 24 c 978141 978137 978144 978134 978138 978143 978142 978140 978135	redit points from the following options: In-country Study: Latino USA In-country Study: France In-country Study: Switzerland In-country Study: Germany In-country Study: Spain In-country Study: Mexico In-country Study: Japan In-country Study: Chile	24cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp
58124 58125 58126 58127 58226 58317 58319 58321 58322 58325 58327 58228	Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures Media, Mediation, Power Transnational Media Rights and Territories Australian Film Screening the Past Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		Select 24 c 978141 978137 978144 978134 978138 978143 978142 978140 978135 978139	redit points from the following options: In-country Study: Latino USA In-country Study: France In-country Study: Switzerland In-country Study: Germany In-country Study: Spain In-country Study: Mexico In-country Study: Japan In-country Study: Chile In-country Study: Italy	24cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp
58124 58125 58126 58127 58226 58317 58319 58321 58322 58325 58327 58228 58329	Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures Media, Mediation, Power Transnational Media Rights and Territories Australian Film Screening the Past Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology Culture, Science and Nature	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		Select 24 c 978141 978137 978144 978134 978138 978143 978142 978140 978135 978139	redit points from the following options: In-country Study: Latino USA In-country Study: France In-country Study: Switzerland In-country Study: Germany In-country Study: Spain In-country Study: Mexico In-country Study: Japan In-country Study: Chile In-country Study: Italy In-country Study: China	24cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp
58124 58125 58126 58127 58226 58317 58319 58321 58322 58325 58327 58228 58329 58999	Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures Media, Mediation, Power Transnational Media Rights and Territories Australian Film Screening the Past Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology Culture, Science and Nature Professional Internship	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		Select 24 c 978141 978137 978144 978134 978138 978143 978142 978140 978135 978139 978136 978145	redit points from the following options: In-country Study: Latino USA In-country Study: France In-country Study: Switzerland In-country Study: Germany In-country Study: Spain In-country Study: Mexico In-country Study: Japan In-country Study: Chile In-country Study: Italy In-country Study: China In-country Study: Argentina	24cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp
58124 58125 58126 58127 58226 58317 58319 58321 58322 58325 58327 58228 58329 58999 58900	Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures Media, Mediation, Power Transnational Media Rights and Territories Australian Film Screening the Past Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology Culture, Science and Nature Professional Internship Poetry	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		Select 24 c 978141 978137 978144 978134 978138 978143 978142 978140 978135 978139	redit points from the following options: In-country Study: Latino USA In-country Study: France In-country Study: Switzerland In-country Study: Germany In-country Study: Spain In-country Study: Mexico In-country Study: Japan In-country Study: Chile In-country Study: Italy In-country Study: China	24cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp
58124 58125 58126 58127 5826 58317 58319 58321 58322 58325 58327 58228 58329 58999 58900 58901	Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures Media, Mediation, Power Transnational Media Rights and Territories Australian Film Screening the Past Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology Culture, Science and Nature Professional Internship Poetry Screenwriting	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		Select 24 c 978141 978137 978144 978134 978138 978143 978142 978140 978135 978139 978136 978145	redit points from the following options: In-country Study: Latino USA In-country Study: France In-country Study: Switzerland In-country Study: Germany In-country Study: Spain In-country Study: Mexico In-country Study: Japan In-country Study: Chile In-country Study: Italy In-country Study: China In-country Study: Argentina	24cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp
58124 58125 58126 58127 58226 58317 58319 58321 58322 58325 58327 58228 58329 58999 58900	Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures Media, Mediation, Power Transnational Media Rights and Territories Australian Film Screening the Past Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology Culture, Science and Nature Professional Internship Poetry	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	Wen.	Select 24 c 978141 978137 978144 978134 978138 978143 978142 978140 978135 978136 978136 978145 978145	redit points from the following options: In-country Study: Latino USA In-country Study: France In-country Study: Switzerland In-country Study: Canada In-country Study: Germany In-country Study: Spain In-country Study: Mexico In-country Study: Japan In-country Study: Chile In-country Study: Italy In-country Study: China In-country Study: Argentina In-country Study: Argentina In-country Study: Colombia	24cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp
58124 58125 58126 58127 5826 58317 58319 58321 58322 58325 58327 58228 58329 58999 58900 58901	Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures Media, Mediation, Power Transnational Media Rights and Territories Australian Film Screening the Past Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology Culture, Science and Nature Professional Internship Poetry Screenwriting	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	32cp	Select 24 c 978141 978137 978144 978134 978138 978143 978142 978140 978135 978139 978136 978145 978912 CBK9025	redit points from the following options: In-country Study: Latino USA In-country Study: France In-country Study: Switzerland In-country Study: Canada In-country Study: Germany In-country Study: Spain In-country Study: Mexico In-country Study: Japan In-country Study: Chile In-country Study: Italy In-country Study: China In-country Study: Argentina In-country Study: Colombia	24cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp
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CBK902	59 Electives (New Media)		CBK902	67 Language, Literacy and Numeracy s	ubjects
Select 8 c	redit points from the following options:	8ср		credit points from the following options:	18ср
50001	Online Documentary	8cp	013098	Independent Study Project 1	6ср
	•	Total 8cp	013104	Language and Power	6ср
			013105	Language Development	6ср
	60 Writing subjects		013121	Theory and Practice of Teaching English to	
Select 8 c	redit points from the following options:	8ср	040400	Speakers of other Languages	6ср
57041	Narrative Writing	8cp	013132	Technology Enhanced Language Learning	6ср
57031	Non-fiction Writing	8cp	013141	Language Programming and Assessment	6ср
57145	Freelance Writing	8cp	013159	Independent Study Project 2	6cp
		Total 8cp			Total 18cp
CBK902	61 Electives (Information and Knowledg	e	CBK902	68 Major choice (Creative Arts)	
Manage			Select 24	credit points from the following options:	24cp
_	redit points from the following options:	8ср		6 Children's Art	24cp
57008	Digital Libraries and Collections	8ср	MAJ1000	7 Youth Performance Studies	24cp
57084	Information Architecture and Design	8cp	STM9010	9 No specified specialisation	24cp
57087	Knowledge Management and the	- 1			Total 24cp
	Organisation	8ср	CBK003	/Olenausas Literasy and Numerosy a	uhiaata
57103	Knowledge Management Strategies	8cp		69 Language, Literacy and Numeracy s	
57089	Information Research and Data Analysis	8cp		redit points from the following options:	6ср
		Total 8cp	013095	Global Englishes	6cp
001/000	(OE) 1: (1 (1: 14))		013099	Individualised Project 1	6cp
	62 Electives (Information and Knowledg	е	013104 013107	Language and Power Phonology and Pronunciation	6ср 6ср
Manage	ment)		013107	Technology Enhanced Language Learning	6ср
Select 24	credit points from the following options:	24cp	013137	Educational Leadership	6cp
57008	Digital Libraries and Collections	8cp	013141	Language Programming and Assessment	6ср
57084	Information Architecture and Design	8cp	013159	Independent Study Project 2	6cp
57087	Knowledge Management and the	0		1 ,	Total 6cp
FF1.02	Organisation	8cp			1
57103 57080	Knowledge Management Strategies	8cp	CBK902	70 Major choice	
57089	Information Research and Data Analysis	8cp Total 24cp	Select 24	credit points from the following options:	24cp
		10tai 24cp	MAJ0704	1 Personal Development, Health and	
CBK902	63 100-level subjects (Design Studies PC	31		Physical Education	24cp
	credit points from the following options:	24cp		7 Technology and Applied Studies	24cp
85604	Reflective Practice	6ср	MAJ0704	8 Visual Arts	24cp
85500	Design Futures: Creative Technologies	6cp	MAJ0704 MAJ0705	9 English	24cp 24cp
85504	Design Futures: Sustainable Lifestyles	6cp		2 Science/TAS (Computing)	24cp 24cp
85505	Design Interventions: Making Theories	6ср	1417 13 100 1	2 Science/ 1715 (Computing)	Total 24cp
85506	Design Differences: Intercultural Asia	6ср			rotar 2 rep
85509	Design Differences: Community Identities	6ср	CBK902	71 Specialisation choice	
85601	Design Interventions: Business Innovation	6ср		credit points from the following options:	24cp
85602	Interdisciplinary Design Lab:	(1 Mathematics specialisation	24cp
85603	Undergraduate	6ср		2 Science and Technology specialisation	24cp
63603	Interdisciplinary Design Experience: Undergraduate	6ср		3 Educational Computing specialisation	24cp
85701	Research Based Designing	6ср		4 Education specialisation	24cp
03701	Research Busea Designing	Total 24cp		5 International specialisation	24cp
		rotar = rep		6 English specialisation	24cp
CBK902	65 Language, Literacy and Numeracy su	bjects	STM9043	7 Human Society and its Environment	2.4
	credit points from the following options:	24cp	STM0042	specialisation 8 Languages specialisation	24cp
013095	Global Englishes	6ср		8 Languages specialisation 9 PDHPE specialisation	24cp 24cp
013098	Independent Study Project 1	6cp		0 Art specialisation	24cp 24cp
013104	Language and Power	6ср		1 Children's Theatre and the Creative Arts	2100
013107	Phonology and Pronunciation	6ср		specialisation	24cp
013132	Technology Enhanced Language Learning	6cp	STM9044	2 Music specialisation	24cp
013137 013141	Educational Leadership	6cp		-	Total 24cp
013141	Language Programming and Assessment Independent Study Project 2	6cp			
013139	maependem study i roject 2	6cp Total 24cp		72 Major choice	
		rotar 2 rep		credit points from the following options:	66cp
CBK902	66 Language, Literacy and Numeracy su	bjects		3 Human Resource Development	66cp
	credit points from the following options:	12cp	MAJ0936	8 Aboriginal Studies and Language,	66.00
013087	Discourse Analysis	6ср	\	Literacy and Numeracy	66cp
013095	Global Englishes	6cp		0 Language, Literacy and Numeracy 1 Vocational Education	66cp 66cp
013098	Independent Study Project 1	6cp	1417410207	1 Vocacional Education	Total 66cp
013104	Language and Power	6ср			10 ш1 обер
013107	Phonology and Pronunciation	6ср			
013132	Technology Enhanced Language Learning	6ср			
013137	Educational Leadership	6cp			
013141 013159	Language Programming and Assessment Independent Study Project 2	6cp			
013137	macpendent study 1 toject 2	6cp Total 12cp			
		10.001 12-ср			

CDKOUS	72 Flostivos			026411	Mucia Study 1	6an	
	73 Electives	4	0	026411	Music Study 1 Music Study 2	6cp 6cp	
	credit points from the following options:		8ср	027411	PDHPE Study 1: Theory and Practice of	оср	
020703 020704	Issues in Art Education Studio Practice in Visual Arts	6cp		027 111	Personal Development Health and Physical		
020704	ICT in Primary Education: Current Issues	6ср			Education and Support	6ср	
021702	and Applications	6ср		027412	Personal Development Health and Physical	···r	
022601	Learning Beyond the Classroom	6ср			Education: Teachers and Physical Activity	6ср	
022602	Independent Study	6ср		027413	Specialisation Study 3: Issues in Personal	•	
022603	Teaching Across the Curriculum	6ср			Development, Health and Physical		
023505	Educational Research	6ср			Education	6ср	
023614	International Perspectives on Education	6cp		028411	Science and Technology Study 1:		
023621	School and Community Relations	6ср			The Human Body	6ср	
024705	Children's Literature and Multi-literacies:			028412	Science and Technology Study 2: Science		
	Teaching Critical, Cultural, Visual and			000110	and Technology in Daily Life	6ср	
	Digital Literacies through Childrens Books	6ср		028413	Science and Technology Study 3: Issues in	,	
024711	Language, Literacy and Education	6ср		000414	Science, Technology and Society	6ср	
024712	Approaches to the Teaching of English	6ср		028414	Science and Technology Study 4:	,	
024713	Teaching English to International Students	6ср		022202	Planet Earth	6cp	
026702	Music and Society	6cp	_	022203	HSIE Study 2: Conflicts and Resolutions	6ср	
		Total 1	.8ср	022204	HSIE Study 3: Multicultural Australia in its		
001/000	7/ M. die Auto endicate				Asia-Pacific Regional Context, Implications for Teaching	6cn	
	74 Media Arts subjects			022210	HSIE Study 4: Family History in its Social	6ср	
	redit points from the following options:		8ср	022210	Context	6ср	
57989	Mise-en-Scene	8cp		023200	HSIE Study 1: Social Issues and Social	оср	
57061	Issues in Documentary	8cp	_	023200	Action	6ср	
		Total	8cp	023821	Special Education 1: Managing Challenging	оср	
001/0001	TEAL 137 10 ' ' T			020021	Behaviours	6ср	
	75 Advanced Visual Communications Tec	nnolog	У	023822	Special Education 2: Preventing and	ocp	
subjects				020022	Remediating Difficulties in Reading and		
Select 6 cr	redit points from the following options:		6ср		Spelling	6ср	
87639	VC Technology: Advanced Web Media	6ср		023823	Special Education 3: Educating Students	1	
87649	VC Technology: Advanced Interactive				who have Difficulties with Written Text	6ср	
	Media	6ср		023824	Special Education 4: Numeracy Instruction	1	
87659	VC Technology: Advanced Video Media	6ср			for Students with Learning Difficulties		
87669	VC Technology: Digital Photo Media	6ср			and Disabilities	6ср	
		Total	6ср	023825	Special Education 5: Educating Students	_	
0.0000					with Moderate and High Support Needs	6ср	
	78 Electives			023826	Special Education 6:		
	credit points from the following options:		2ср		Educating Students with Delayed or		
020703	Issues in Art Education	6cp			Disordered Communication	6cp	
020704	Studio Practice in Visual Arts	6ср		020705	Educational Drama	6ср	
021702	ICT in Primary Education: Current Issues	_		010050	Student Welfare: Implications for Teaching	,	
000/01	and Applications	6cp		04.00=4	and Learning	6ср	
022601	Learning Beyond the Classroom	6cp		010051	Beginning Teaching: Surviving and		
022602	Independent Study	6cp		012210	Thriving	6cp	
022603 023505	Teaching Across the Curriculum Educational Research	6cp		013218	Studio Practice: Painting	6cp	
023614		6cp		013219	Studio Practice: Ceramics	6cp	1 42ср
	International Perspectives on Education	6cp				101a	1 4 2¢p
023621 024705	School and Community Relations Children's Literature and Multi-literacies:	6ср		CBK 9028	O Specialisation choice		
024703	Teaching Critical, Cultural, Visual and				redit points from the following options:		24 am
	Digital Literacies through Childrens Books	6ср		35241	Optimisation in Quantitative Management	6an	24cp
024711	Language, Literacy and Education	6ср		35344	1	6ср	
024712	Approaches to the Teaching of English	6ср		33344	Network and Combinatorial Optimisation	6cn	
024713	Teaching English to International Students	6ср		35363	Stochastic Models	6cp	
026702	Music and Society	6cp		35212	Computational Linear Algebra	6ср	
020411	Art Study 1: People in Art	6ср		35231	Differential Equations	6ср	
020412	Art Study 2: A Sense of Place	6cp		35232	Advanced Calculus	6ср	
020413	Art Study 3: Stories, Myths and Truth	6ср		35340	Quantitative Management Practice	6ср	
020414							
024421	Art Study 4: Design and Power	6ср		35342			
	Art Study 4: Design and Power Children's Theatre and the Creative Arts 1:	6ср		35342	Nonlinear Methods in Quantitative	6ср	
		6ср			Nonlinear Methods in Quantitative Management	6ср 6ср	
	Children's Theatre and the Creative Arts 1:	6ср 6ср		35342 35355 35361	Nonlinear Methods in Quantitative Management Quality Control	6ср	
024422	Children's Theatre and the Creative Arts 1: Overview of World Theatre, Production	•		35355 35361	Nonlinear Methods in Quantitative Management Quality Control Stochastic Processes	6cp 6cp	
024422	Children's Theatre and the Creative Arts 1: Overview of World Theatre, Production Roles, Script Writing	•		35355	Nonlinear Methods in Quantitative Management Quality Control	6ср	
	Children's Theatre and the Creative Arts 1: Overview of World Theatre, Production Roles, Script Writing Children's Theatre and Creative Arts Study 2: Acting and Performing Skills - Genres for Children	•		35355 35361 35356	Nonlinear Methods in Quantitative Management Quality Control Stochastic Processes Design and Analysis of Experiments	6cp 6cp 6cp	l 24cp
024422 024423	Children's Theatre and the Creative Arts 1: Overview of World Theatre, Production Roles, Script Writing Children's Theatre and Creative Arts Study 2: Acting and Performing Skills - Genres for Children Children's Theatre and Creative Arts Study	6cp 6cp		35355 35361 35356 35252	Nonlinear Methods in Quantitative Management Quality Control Stochastic Processes Design and Analysis of Experiments Mathematical Statistics	6cp 6cp 6cp	l 24cp
024423	Children's Theatre and the Creative Arts 1: Overview of World Theatre, Production Roles, Script Writing Children's Theatre and Creative Arts Study 2: Acting and Performing Skills - Genres for Children Children's Theatre and Creative Arts Study 3: Production and Direction	6ср		35355 35361 35356 35252	Nonlinear Methods in Quantitative Management Quality Control Stochastic Processes Design and Analysis of Experiments	6cp 6cp 6cp	l 24cp
	Children's Theatre and the Creative Arts 1: Overview of World Theatre, Production Roles, Script Writing Children's Theatre and Creative Arts Study 2: Acting and Performing Skills - Genres for Children Children's Theatre and Creative Arts Study 3: Production and Direction Children's Theatre and Creative Arts 4:	6cp 6cp		35355 35361 35356 35252 CBK9028	Nonlinear Methods in Quantitative Management Quality Control Stochastic Processes Design and Analysis of Experiments Mathematical Statistics	6cp 6cp 6cp	1
024423 024424	Children's Theatre and the Creative Arts 1: Overview of World Theatre, Production Roles, Script Writing Children's Theatre and Creative Arts Study 2: Acting and Performing Skills - Genres for Children Children's Theatre and Creative Arts Study 3: Production and Direction Children's Theatre and Creative Arts 4: Staging Performances	6cp 6cp 6cp		35355 35361 35356 35252 CBK9028	Nonlinear Methods in Quantitative Management Quality Control Stochastic Processes Design and Analysis of Experiments Mathematical Statistics	6cp 6cp 6cp	l 24cp 18cp
024423 024424 021412	Children's Theatre and the Creative Arts 1: Overview of World Theatre, Production Roles, Script Writing Children's Theatre and Creative Arts Study 2: Acting and Performing Skills - Genres for Children Children's Theatre and Creative Arts Study 3: Production and Direction Children's Theatre and Creative Arts 4: Staging Performances Educational Computing Study 2	6cp 6cp		35355 35361 35356 35252 CBK9028 Select 18 c	Nonlinear Methods in Quantitative Management Quality Control Stochastic Processes Design and Analysis of Experiments Mathematical Statistics 3 Options (Law PG) redit points from the following options:	6cp 6cp 6cp 6cp Tota	1
024423 024424	Children's Theatre and the Creative Arts 1: Overview of World Theatre, Production Roles, Script Writing Children's Theatre and Creative Arts Study 2: Acting and Performing Skills - Genres for Children Children's Theatre and Creative Arts Study 3: Production and Direction Children's Theatre and Creative Arts 4: Staging Performances Educational Computing Study 2 English Study 1: Shapes and Patterns in	6cp 6cp 6cp		35355 35361 35356 35252 CBK9028 Select 18 c	Nonlinear Methods in Quantitative Management Quality Control Stochastic Processes Design and Analysis of Experiments Mathematical Statistics 3 Options (Law PG) redit points from the following options: International Economic Law (PG) European Union Law Banking Law	6cp 6cp 6cp Tota	1
024423 024424 021412	Children's Theatre and the Creative Arts 1: Overview of World Theatre, Production Roles, Script Writing Children's Theatre and Creative Arts Study 2: Acting and Performing Skills - Genres for Children Children's Theatre and Creative Arts Study 3: Production and Direction Children's Theatre and Creative Arts 4: Staging Performances Educational Computing Study 2 English Study 1: Shapes and Patterns in Literary Narrative from Sendak to	6cp 6cp 6cp 6cp 6cp		35355 35361 35356 35252 CBK9028 Select 18 c 77701 77704 77715 77716	Nonlinear Methods in Quantitative Management Quality Control Stochastic Processes Design and Analysis of Experiments Mathematical Statistics 3 Options (Law PG) redit points from the following options: International Economic Law (PG) European Union Law	6cp 6cp 6cp Tota 6cp 6cp 6cp 6cp	1
024423 024424 021412 024411	Children's Theatre and the Creative Arts 1: Overview of World Theatre, Production Roles, Script Writing Children's Theatre and Creative Arts Study 2: Acting and Performing Skills - Genres for Children Children's Theatre and Creative Arts Study 3: Production and Direction Children's Theatre and Creative Arts 4: Staging Performances Educational Computing Study 2 English Study 1: Shapes and Patterns in Literary Narrative from Sendak to Shakespeare	6cp 6cp 6cp		35355 35361 35356 35252 CBK9028 Select 18 c 77701 77704 77715 77716 77724	Nonlinear Methods in Quantitative Management Quality Control Stochastic Processes Design and Analysis of Experiments Mathematical Statistics 3 Options (Law PG) redit points from the following options: International Economic Law (PG) European Union Law Banking Law International Trade Law International Banking and Finance Law	6cp 6cp 6cp Tota 6cp 6cp 6cp 6cp	1
024423 024424 021412	Children's Theatre and the Creative Arts 1: Overview of World Theatre, Production Roles, Script Writing Children's Theatre and Creative Arts Study 2: Acting and Performing Skills - Genres for Children Children's Theatre and Creative Arts Study 3: Production and Direction Children's Theatre and Creative Arts 4: Staging Performances Educational Computing Study 2 English Study 1: Shapes and Patterns in Literary Narrative from Sendak to Shakespeare English Study 2: Images of Australia, the	6cp 6cp 6cp 6cp 6cp		35355 35361 35356 35252 CBK9028 Select 18 c 77701 77704 77715 77716 77724 77734	Nonlinear Methods in Quantitative Management Quality Control Stochastic Processes Design and Analysis of Experiments Mathematical Statistics 3 Options (Law PG) redit points from the following options: International Economic Law (PG) European Union Law Banking Law International Trade Law International Banking and Finance Law Law and Medicine	6cp 6cp 6cp Tota 6cp 6cp 6cp 6cp 6cp	1
024423 024424 021412 024411	Children's Theatre and the Creative Arts 1: Overview of World Theatre, Production Roles, Script Writing Children's Theatre and Creative Arts Study 2: Acting and Performing Skills - Genres for Children Children's Theatre and Creative Arts Study 3: Production and Direction Children's Theatre and Creative Arts 4: Staging Performances Educational Computing Study 2 English Study 1: Shapes and Patterns in Literary Narrative from Sendak to Shakespeare English Study 2: Images of Australia, the Place and the People - Literary	6cp 6cp 6cp 6cp 6cp		35355 35361 35356 35252 CBK9028 Select 18 c 77701 77704 77716 77724 77724 77734 77740	Nonlinear Methods in Quantitative Management Quality Control Stochastic Processes Design and Analysis of Experiments Mathematical Statistics 3 Options (Law PG) redit points from the following options: International Economic Law (PG) European Union Law Banking Law International Trade Law International Banking and Finance Law Law and Medicine Research Paper	6cp 6cp 6cp Tota 6cp 6cp 6cp 6cp 6cp 6cp	1
024423 024424 021412 024411	Children's Theatre and the Creative Arts 1: Overview of World Theatre, Production Roles, Script Writing Children's Theatre and Creative Arts Study 2: Acting and Performing Skills - Genres for Children Children's Theatre and Creative Arts Study 3: Production and Direction Children's Theatre and Creative Arts Study 3: Production and Direction Children's Theatre and Creative Arts 4: Staging Performances Educational Computing Study 2 English Study 1: Shapes and Patterns in Literary Narrative from Sendak to Shakespeare English Study 2: Images of Australia, the Place and the People - Literary Representations in	6cp 6cp 6cp 6cp 6cp		35355 35361 35356 35252 CBK9028 Select 18 c 77701 77704 77715 77716 77724 77734 77740 77745	Nonlinear Methods in Quantitative Management Quality Control Stochastic Processes Design and Analysis of Experiments Mathematical Statistics 3 Options (Law PG) redit points from the following options: International Economic Law (PG) European Union Law Banking Law International Trade Law International Banking and Finance Law Law and Medicine Research Paper Negotiation	6cp 6cp 6cp Tota 6cp 6cp 6cp 6cp 6cp 6cp 6cp	1
024423 024424 021412 024411 024412	Children's Theatre and the Creative Arts 1: Overview of World Theatre, Production Roles, Script Writing Children's Theatre and Creative Arts Study 2: Acting and Performing Skills - Genres for Children Children's Theatre and Creative Arts Study 3: Production and Direction Children's Theatre and Creative Arts Study 3: Production and Direction Children's Theatre and Creative Arts 4: Staging Performances Educational Computing Study 2 English Study 1: Shapes and Patterns in Literary Narrative from Sendak to Shakespeare English Study 2: Images of Australia, the Place and the People - Literary Representations in Prose, Poetry and Drama	6cp 6cp 6cp 6cp 6cp 6cp		35355 35361 35356 35252 CBK9028 Select 18 c 77701 77704 77715 77716 77724 77734 77740 77745 77746	Nonlinear Methods in Quantitative Management Quality Control Stochastic Processes Design and Analysis of Experiments Mathematical Statistics 3 Options (Law PG) redit points from the following options: International Economic Law (PG) European Union Law Banking Law International Trade Law International Banking and Finance Law Law and Medicine Research Paper Negotiation Advanced Mediation	6cp 6cp 6cp Tota 6cp 6cp 6cp 6cp 6cp 6cp	1
024423 024424 021412 024411 024412	Children's Theatre and the Creative Arts 1: Overview of World Theatre, Production Roles, Script Writing Children's Theatre and Creative Arts Study 2: Acting and Performing Skills - Genres for Children Children's Theatre and Creative Arts Study 3: Production and Direction Children's Theatre and Creative Arts Study 3: Production and Direction Children's Theatre and Creative Arts 4: Staging Performances Educational Computing Study 2 English Study 1: Shapes and Patterns in Literary Narrative from Sendak to Shakespeare English Study 2: Images of Australia, the Place and the People - Literary Representations in Prose, Poetry and Drama English Study 3: The Literature of Protest	6cp 6cp 6cp 6cp 6cp		35355 35361 35356 35252 CBK9028 Select 18 c 77701 77704 77715 77716 77724 77734 77740 77745	Nonlinear Methods in Quantitative Management Quality Control Stochastic Processes Design and Analysis of Experiments Mathematical Statistics 3 Options (Law PG) redit points from the following options: International Economic Law (PG) European Union Law Banking Law International Trade Law International Banking and Finance Law Law and Medicine Research Paper Negotiation Advanced Mediation International Commercial	6cp 6cp 6cp Tota 6cp 6cp 6cp 6cp 6cp 6cp 6cp	1
024423 024424 021412 024411 024412	Children's Theatre and the Creative Arts 1: Overview of World Theatre, Production Roles, Script Writing Children's Theatre and Creative Arts Study 2: Acting and Performing Skills - Genres for Children Children's Theatre and Creative Arts Study 3: Production and Direction Children's Theatre and Creative Arts Study 3: Production and Direction Children's Theatre and Creative Arts 4: Staging Performances Educational Computing Study 2 English Study 1: Shapes and Patterns in Literary Narrative from Sendak to Shakespeare English Study 2: Images of Australia, the Place and the People - Literary Representations in Prose, Poetry and Drama English Study 3: The Literature of Protest English Study 4: Cultural and Textual	6cp 6cp 6cp 6cp 6cp 6cp		35355 35361 35356 35252 CBK9028 Select 18 c 77701 77704 77715 77716 77724 77734 77740 77745 77746 77751	Nonlinear Methods in Quantitative Management Quality Control Stochastic Processes Design and Analysis of Experiments Mathematical Statistics 3 Options (Law PG) redit points from the following options: International Economic Law (PG) European Union Law Banking Law International Trade Law International Banking and Finance Law Law and Medicine Research Paper Negotiation Advanced Mediation International Commercial Arbitration	6cp 6cp 6cp Tota 6cp 6cp 6cp 6cp 6cp 6cp 6cp	1
024423 024424 021412 024411 024412	Children's Theatre and the Creative Arts 1: Overview of World Theatre, Production Roles, Script Writing Children's Theatre and Creative Arts Study 2: Acting and Performing Skills - Genres for Children Children's Theatre and Creative Arts Study 3: Production and Direction Children's Theatre and Creative Arts Study 3: Production and Direction Children's Theatre and Creative Arts 4: Staging Performances Educational Computing Study 2 English Study 1: Shapes and Patterns in Literary Narrative from Sendak to Shakespeare English Study 2: Images of Australia, the Place and the People - Literary Representations in Prose, Poetry and Drama English Study 3: The Literature of Protest	6cp 6cp 6cp 6cp 6cp 6cp		35355 35361 35356 35252 CBK9028 Select 18 c 77701 77704 77715 77716 77724 77734 77740 77745 77746	Nonlinear Methods in Quantitative Management Quality Control Stochastic Processes Design and Analysis of Experiments Mathematical Statistics 3 Options (Law PG) redit points from the following options: International Economic Law (PG) European Union Law Banking Law International Trade Law International Banking and Finance Law Law and Medicine Research Paper Negotiation Advanced Mediation International Commercial	6cp 6cp 6cp Tota 6cp 6cp 6cp 6cp 6cp 6cp 6cp	1

77760	Family Dispute Resolution	6ср	78181	Deceptive Trade Practices	6ср
77761	Dispute Resolution in Commerce	6cp	78182	Human Rights Law	6ср
		. *			
77767	Taxation Administration	6ср	78188	Intellectual Property Commercialisation	6ср
77783	International Commercial Dispute		78184	Intellectual Property: Law and Policy	6ср
	Resolution	6ср	78186	Intellectual Property and Traditional	1
77792	Crisis Negotiation	. *		Knowledge	6ср
		6ср	E010E		
77794	International Environmental Law	6ср	78105	Genetics and the Law	6ср
77796	Taxation of Business Entities	6ср	78107	Climate Law and Carbon Markets	6ср
77850	Psychology and Dispute Resolution	6ср	78109	Globalisation and International Economic	•
77867	Workplace Dispute Resolution	. *		Law	6ср
		6ср	E010E		
77893	Designs Law and Practice	6ср	78197	Corporate Finance Transactions 1	6ср
77901	Securities Markets Law	6ср	78199	Corporate Finance Transactions 2	6ср
77903	Copyright Law	6ср	78201	International Development Law	6ср
77924	Superannuation and Retirement Planning	. *	78206	International Organisations	6cp
77924		6ср			
77930	Insurance Law	6ср	78209	Taxation of Commercial Enterprises	6ср
77935	International Business Law	6ср	78210	Law and Literature	6ср
77945	Current Issues in Taxation	6cp	78212	Communications and Technology:	1
77953	International Taxation Law	6cp		A Primer	6ср
		оср		711 IIIICI	
77976	World Trade Organisation Law and				Total 18cp
	Practice	6ср			
78008	Law of the Sea	6ср	CBK9028	4 Sub-major/Electives	
78010	International Criminal Law	6cp			24 00
78011		, *		redit points from the following options:	24cp
	International Sale of Goods	6cp	CBK90246		24cp
79771	Dispute Resolution	6ср	SMJ08157	Business Accounting	24cp
STM90111	Research project (Law PG)	12cp	SMI09035	Language other than English	24cp
78015	Global Aspects of Intellectual Property	1		Specialist Country Studies	24cp
,0010	Law	6an			
= 004.6		6ср		Technology	24cp
78016	International Humanitarian Law	6ср	SMJ08198	Advertising Principles	24cp
78023	International Trade Law and the		SMI08197	Marketing Principles	24cp
	Environment	6ср	D111100177	warneing i interpres	* .
70007		, *			Total 24cp
78026	Business and Law in China	6cp			
78029	Mediation Practice	6ср	CBK9028	5 Options (Law PG)	
77889	Trade Marks Law	6ср			12an
77890	Trade Marks Practice	6ср		redit points from the following options:	12cp
		оср	77701	International Economic Law (PG)	6ср
78036	Technology, Law and the Future of		77704	European Union Law	6ср
	Entertainment	6ср	77715	Banking Law	6cp
78039	Wickedness and Vice	6ср	77716	International Trade Law	
78041	New Families, New Technologies	6cp			6ср
		, *	77724	International Banking and Finance Law	6ср
78040	The Law and Education	6ср	77734	Law and Medicine	6ср
78042	Environmental Planning and		77740	Research Paper	6cp
	DevelopmentLaw	6ср	77745		
76008	Jurisprudence	6ср		Negotiation	6ср
		, *	77746	Advanced Mediation	6ср
76024	Environmental Law	6cp	77751	International Commercial	
76053	Industrial Law	6ср		Arbitration	6ср
76115	Insolvency	6ср	77752	Commercial Arbitration (Domestic)	
76212	Revenue Law	6ср			6ср
		, *	77760	Family Dispute Resolution	6ср
78111	Banking and Finance Law	6cp	77761	Dispute Resolution in Commerce	6ср
78113	Securities Regulation	6ср	77767	Taxation Administration	6cp
78115	Financial Analysis for the Transactional				оср
	Lawyer	6ср	77783	International Commercial Dispute	
F011F		оср		Resolution	6ср
78117	International Regulation of Financial		77792	Crisis Negotiation	6ср
	Institutions	6ср	77794	International Environmental Law	6cp
78122	Corporate Insolvency	6ср	77796	Taxation of Business Entities	
78126	Corporate Governance	6cp			6ср
78129		. *	77850	Psychology and Dispute Resolution	6ср
	Child Law in Australia	6ср	77867	Workplace Dispute Resolution	6ср
78131	Complex Parenting Disputes	6ср	77890	Trade Marks Practice	6ср
78133	Complex Financial and Property Disputes		77893	Designs Law and Practice	6ср
	(in Family Law)	6ср		O	
78135	Current Issues in Family Law	6cp	77898	Patent Law	6ср
	2		77900	Goods and Services Tax	6ср
78138	Facilitation	6ср	77901	Securities Markets Law	6ср
78141	International and Comparative Family		77903	Copyright Law	6cp
	Law	6ср	77924	Superannuation and Retirement Planning	6ср
78145	Contemporary Issues in Health Law	6cp			
78147	Dilemmas in Biomedical Law	6ср	77930	Insurance Law	6ср
		. *	77935	International Business Law	6ср
78150	Law and Mental Health	6ср	77945	Current Issues in Taxation	6ср
78153	International Commercial Transactions	6ср	77953	International Taxation Law	6cp
78156	International Environmental Law: Policy		77976	World Trade Organisation Law and	ocp
	and Implementation	6ср	77970		C
78158				Practice	6ср
78160	Private International Law	6ср	78008	Law of the Sea	6ср
	Private International Law Rights and Obligations in the International	6cp	78008 78010	International Criminal Law	
	Private International Law Rights and Obligations in the International Legal System	6cp 6cp	78010	International Criminal Law	6ср
78162	Private International Law Rights and Obligations in the International	6cp	78010 78011	International Criminal Law International Sale of Goods	6ср 6ср
	Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice	6cp 6cp 6cp	78010 78011 79771	International Criminal Law International Sale of Goods Dispute Resolution	6ср 6ср 6ср
78164	Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation	6cp 6cp	78010 78011 79771 STM90111	International Criminal Law International Sale of Goods Dispute Resolution Research project (Law PG)	6ср 6ср
	Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and	6cp 6cp 6cp	78010 78011 79771	International Criminal Law International Sale of Goods Dispute Resolution	6ср 6ср 6ср
78164 78166	Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation	6cp 6cp 6cp	78010 78011 79771 STM90111	International Criminal Law International Sale of Goods Dispute Resolution Research project (Law PG)	6cp 6cp 6cp 12cp
78164	Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and	6cp 6cp 6cp	78010 78011 79771 STM90111 78015	International Criminal Law International Sale of Goods Dispute Resolution Research project (Law PG) Global Aspects of Intellectual Property Law	6cp 6cp 6cp 12cp
78164 78166 78168	Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation	6cp 6cp 6cp 6cp	78010 78011 79771 STM90111 78015	International Criminal Law International Sale of Goods Dispute Resolution Research project (Law PG) Global Aspects of Intellectual Property Law International Humanitarian Law	6cp 6cp 6cp 12cp
78164 78166	Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance	6cp 6cp 6cp 6cp 6cp	78010 78011 79771 STM90111 78015	International Criminal Law International Sale of Goods Dispute Resolution Research project (Law PG) Global Aspects of Intellectual Property Law International Humanitarian Law International Trade Law and the	6cp 6cp 6cp 12cp 6cp 6cp
78164 78166 78168 78170	Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles	6cp 6cp 6cp 6cp 6cp 6cp	78010 78011 79771 STM90111 78015	International Criminal Law International Sale of Goods Dispute Resolution Research project (Law PG) Global Aspects of Intellectual Property Law International Humanitarian Law	6cp 6cp 6cp 12cp
78164 78166 78168 78170 78178	Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations	6cp 6cp 6cp 6cp 6cp 6cp	78010 78011 79771 STM90111 78015	International Criminal Law International Sale of Goods Dispute Resolution Research project (Law PG) Global Aspects of Intellectual Property Law International Humanitarian Law International Trade Law and the	6cp 6cp 6cp 12cp 6cp 6cp
78164 78166 78168 78170	Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles	6cp 6cp 6cp 6cp 6cp 6cp	78010 78011 79771 STM90111 78015 78016 78023	International Criminal Law International Sale of Goods Dispute Resolution Research project (Law PG) Global Aspects of Intellectual Property Law International Humanitarian Law International Trade Law and the Environment Business and Law in China	6cp 6cp 6cp 12cp 6cp 6cp 6cp
78164 78166 78168 78170 78178 78173	Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations Dispute Resolution in Civil Practice	6cp 6cp 6cp 6cp 6cp 6cp 6cp	78010 78011 79771 STM90111 78015 78016 78023 78026 78029	International Criminal Law International Sale of Goods Dispute Resolution Research project (Law PG) Global Aspects of Intellectual Property Law International Humanitarian Law International Trade Law and the Environment Business and Law in China Mediation Practice	6cp 6cp 6cp 12cp 6cp 6cp 6cp 6cp
78164 78166 78168 78170 78178 78173 78101	Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations Dispute Resolution in Civil Practice Postgraduate Legal Research	6cp 6cp 6cp 6cp 6cp 6cp	78010 78011 79771 STM90111 78015 78016 78023	International Criminal Law International Sale of Goods Dispute Resolution Research project (Law PG) Global Aspects of Intellectual Property Law International Humanitarian Law International Trade Law and the Environment Business and Law in China	6cp 6cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp
78164 78166 78168 78170 78178 78173	Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations Dispute Resolution in Civil Practice Postgraduate Legal Research Converging Media Industries: Regulatory	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	78010 78011 79771 STM90111 78015 78016 78023 78026 78029	International Criminal Law International Sale of Goods Dispute Resolution Research project (Law PG) Global Aspects of Intellectual Property Law International Humanitarian Law International Trade Law and the Environment Business and Law in China Mediation Practice	6cp 6cp 6cp 12cp 6cp 6cp 6cp 6cp
78164 78166 78168 78170 78178 78173 78101	Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations Dispute Resolution in Civil Practice Postgraduate Legal Research	6cp 6cp 6cp 6cp 6cp 6cp 6cp	78010 78011 79771 STM90111 78015 78016 78023 78026 78029	International Criminal Law International Sale of Goods Dispute Resolution Research project (Law PG) Global Aspects of Intellectual Property Law International Humanitarian Law International Trade Law and the Environment Business and Law in China Mediation Practice	6cp 6cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp

CBK90286 Design Expertise major/Electives (PG)

Select 24 credit points from the following options:	24cp
CBK90287 Design Expertise major choice	24cp
CBK90773 Design Expertise electives	24cp
•	Total 24cp

CBK90287 Design Expertise major choice

Select 24 credit points from the following options:		24cp
MAJ10017 Digitally Mediated Environments	24cp	-
MAJ10018 Animation Design	24cp	
MAJ08956 Project Management	24cp	
MAJ08967 Design Specialisation	24cp	
	Tota	1 24cp

CBK90288 Elective/Design subjects (PG)

Select 32 credit points from the following options:	32cp
CBK90289 Design subjects (PG)	32cp
CBK90290 Electives	32cp
	Total 32cp

CBK90289 Design subjects (PG)

Free choice of electives.

CBK90290 Electives

Free choice of electives.

CBK90291 Electives

Free choice of electives.

CBK90292 Design subjects (PG)

Free choice of electives.

CBK90293 Electives/Design subjects (PG)

Select 8 credit points from the following options:	8cp
CBK90291 Electives	8cp
CBK90292 Design subjects (PG)	8cp
	Total 8cp

CBK90297 Project/Options (Facility Management)

Select 24 credit points from the following options:	24cp
STM90409 Facility Management subjects (PG)	24cp
STM90177 Graduate project	24cp
• ,	Total 24cp

CBK90299 Electives (Business PG)

Free choice of electives.

CBK90300 Electives (Law)

Free choice of electives.

CBK90302 Electives (Interactive Multimedia)

Students may choose subjects from any of the faculties within the University, as long as the subject area is related in some way to the underlying issues and themes of the Interactive Multimedia courses. Students should talk to the Program Leader and consult the UTS Handbook before enrolling in electives. When choosing electives students should consider their:

- · skills and experience levels
- interests
- learning goals, and
- career objectives.

Further information is available at:

http://mim.iml.uts.edu.au/current/electives.html

Completion requirements

Free choice of electives.

CBK90303 Electives (Interactive Multimedia)

Students may choose subjects from any of the faculties within the University, as long as the subject area is related in some way to the underlying issues and themes of the Interactive Multimedia courses. Students should talk to the Program Leader and consult the UTS: Handbook before enrolling in electives. When choosing electives students should consider their:

- skills and experience levels
- interests
- · learning goals, and
- career objectives.

Further information is available at:

http://mim.iml.uts.edu.au/current/electives.html

CBK90306 Facility Management subjects

Completion requirements

Free choice of electives.

CBK90304 Electives

Free choice of electives.

CBK90305 Electives

Free choice of electives.

Select 48	credit points from the following options:		48cp
15321	Workplace Ecology	6ср	-
15322	Engineering Services and Systems	6ср	
15323	Development Management	6ср	
15324	Facility Obcoloscopco	6cn	

 15341
 Sustainable Development
 12cp

 15342
 Environmental Design
 12cp

 15343
 Strategic Facility Planning
 12cp

 15344
 Facility Performance
 12cp

 Total 48cp

CBK90307 Property subjects (PG)

Select 24 c	redit points from the following options:		24cp
12515	Strategic Asset Management	6ср	
12535	Valuation Application	6ср	
15241	Urban Economics and Finance	6ср	
171200	Conservation and Heritage	6ср	
17551	Property Market and Risk Analysis	6ср	
17703	Property Taxation	6ср	
17772	Commercial Retail Property Management	6ср	
15321	Workplace Ecology	6ср	
15322	Engineering Services and Systems	6ср	
15313	Project Procurement and Risk Management	6ср	
15311	Managing Complex Projects	6ср	
15324	Facility Obsolescence	6ср	
15312	Communication and Critical Thinking	6ср	
15314	Project Implementation	6ср	
15222	Urban Design	6ср	
15145	Development Negotiation	6ср	
15301	Planning Theory and Decision Making	6ср	
15315	Project Management Principles	6ср	
17774	Green Building Evaluation	6ср	
		Tota	1 24cp

CBK90308 Property Development subjects

Select 12 c	redit points from the following options:	12cp
17701	Environment and Control	6ср
17519	Property Research Methods	6ср
17703	Property Taxation	6ср
12535	Valuation Application	6ср
17552	Property Asset Management	6ср
17553	Construction Cost Planning	6ср
	_	Total 12cp

CDKOUS	00 Property entions (PG)			024705	Children's Literature and Multi-literacies:		
	09 Property options (PG)		0.4	024703	Teaching Critical, Cultural, Visual and		
	credit points from the following options:	(24cp		Digital Literacies through Childrens Books	6ср	
12535 12515	Valuation Application	6cp		024711	Language, Literacy and Education	6ср	
171200	Strategic Asset Management Conservation and Heritage	6ср 6ср		024712	Approaches to the Teaching of English	6cp	
15241	Urban Economics and Finance	6ср		024713	Teaching English to International Students	6cp	
17551	Property Market and Risk Analysis	6cp		026412	Music Study 2	6ср	
17772	Commercial Retail Property Management	6ср		026702	Music and Society	6ср	
17703	Property Taxation	6cp		027411	PDHPE Study 1: Theory and Practice of		
15222	Urban Design	6ср			Personal Development Health and Physical	,	
15145	Development Negotiation	6ср		020412	Education and Support	6ср	
15315	Project Management Principles	6cp		028412	Science and Technology Study 2: Science and Technology in Daily Life	6cn	
17774	Green Building Evaluation	6cp		028413	Science and Technology Study 3: Issues in	6ср	
17554 17555	Urban Simulation	6cp		020110	Science, Technology and Society	6ср	
17333	Complexity and Spatial Analysis	6cp	1 24cp	028414	Science and Technology Study 4:	···	
		1014	1 24cp		Planet Earth	6ср	
CBK903	10 e-Learning choice			010050	Student Welfare: Implications for Teaching	•	
	credit points from the following options:		12cp	04.00=4	and Learning	6ср	
95563	Digital Media Development Process	6ср	-1	010051	Beginning Teaching: Surviving and		
95567	Digital Media in Social Context	6cp		012210	Thriving	6cp	
95564	Digital Media Technologies	6ср		013218 013219	Studio Practice: Painting Studio Practice: Ceramics	6cp	
95565	Digital Graphics and the Still Image	6ср		013219	Personal Development Health and Physical	6ср	
95566	Digital Information and Interaction Design	6cp		02/412	Education: Teachers and Physical Activity	6ср	
	8 Education subjects (PG)	6cp		023412	Education Study 2: Value	6ср	
013951	Learning and Change	6cp		020705	Educational Drama	6cp	
013952	Research Perspectives	6cp	1.12an	024412	English Study 2: Images of Australia, the	I	
		101a	l 12cp		Place and the People - Literary		
CBK903	11 Electives				Representations in		
	ce of electives.				Prose, Poetry and Drama	6ср	
Tree choic	ee of electives.			024413	English Study 3: The Literature of Protest	6ср	
CBK903	12 Core subjects			028411	Science and Technology Study 1:		
	credit points from the following options:		144ср	024421	The Human Body	6ср	
020412	Art Study 2: A Sense of Place	6ср	ттер	024421	Children's Theatre and the Creative Arts 1: Overview of World Theatre, Production		
020413	Art Study 3: Stories, Myths and Truth	6cp			Roles, Script Writing	6ср	
020703	Issues in Art Education	6cp		024424	Children's Theatre and Creative Arts 4:	оср	
020704	Studio Practice in Visual Arts	6ср		0=11=1	Staging Performances	6ср	
021311	Computer-mediated Learning for Children	4cp		023200	HSIE Study 1: Social Issues and Social	I	
021412	Educational Computing Study 2	6ср			Action	6ср	
021702	ICT in Primary Education: Current Issues	,		023156	Professional Experience 6: Promoting	•	
000000	and Applications	6cp			Student Centred Learning	6ср	
022203 022204	HSIE Study 2: Conflicts and Resolutions	6ср		023157	Professional Experience 7:		
022204	HSIE Study 3: Multicultural Australia in its Asia-Pacific Regional Context, Implications			000450	Reflection on Educational Practice	6ср	
	for Teaching	6ср		023158	Professional Experience 8: Analysing		
022601	Learning Beyond the Classroom	6ср		024212	Current Issues in Australian Education	6cp	
022602	Independent Study	6cp		024213 028222	English Education 3 Society, Science, Technology and the	6ср	
022603	Teaching Across the Curriculum	6cp		020222	Environment	6ср	
023505	Educational Research	6ср			Environment	Total :	144cp
023614	International Perspectives on Education	6ср					r
023621	School and Community Relations	6ср		CBK9031	3 Electives (Journalism)		
023821	Special Education 1: Managing Challenging	,		Select 8 cr	edit points from the following options:		8ср
022022	Behaviours	6ср		50001	Online Documentary	8ср	1
023822	Special Education 2: Preventing and			50190	Professional Information Project	8cp	
	Remediating Difficulties in Reading and Spelling	6cn		50251	Genocide Studies	8cp	
023823	Special Education 3: Educating Students	6ср		58123	Society, Economy and Globalisation	8cp	
020020	who have Difficulties with Written Text	6ср		58116	The Ecology of Public Communication	8cp	
023824	Special Education 4: Numeracy Instruction	· · · r		58110	Introduction to Journalism	8cp	
	for Students with Learning Difficulties			58119 58326	Text and Context Australian Aboriginal Politics and History	8ср 8ср	
	and Disabilities	6ср		58227	Balancing World Views: Introduction to	оср	
023825	Special Education 5: Educating Students			30227	Aboriginal Cultures	8ср	
	with Moderate and High Support Needs	6ср		58122	Introduction to Social Inquiry	8cp	
023826	Special Education 6:			58111	Reporting with Sound and Image	8cp	
	Educating Students with Delayed or			58112	Reporting and Editing for Print and Online	1	
023881	Disordered Communication Special Education Professional Experience 1	6ср			Journalism	8cp	
023001	Special Education Professional Experience 1: Assesment, Programming and Evaluation	6ср		58118	Principles of Advertising	8cp	
023882	Special Education Professional Experience 2:			58129	Advertising Campaign Practice	8cp	
0_0002	Collaborative Participation in			58117	Principles of Public Relations	8cp	
	Inclusive Service Models	6ср		58128 58120	Strategic Public Relations	8cp	
024411	English Study 1: Shapes and Patterns in	1		58120 58121	Creativity and Culture Fictional Forms	8cp	
	Literary Narrative from Sendak to			58121	Local Transformations	8ср 8ср	
	Shakespeare	6ср		58125	Creative Information Design	8cp	
024414	English Study 4: Cultural and Textual	_		58126	Information Discovery and Analysis	8cp	
024422	Children's Theotre and Creative Arts Study	6ср		58127	Information Cultures	8cp	
024422	Children's Theatre and Creative Arts Study			58222	Global Politics from Above and Below	8cp	
	2: Acting and Performing Skills - Genres for Children	6cn		58316	Sex, Race and Empire	8cp	
024423	Children's Theatre and Creative Arts Study	6ср		58317	Transnational Media	8cp	
U_11_U	3: Production and Direction	6ср		58223	Social Bodies	8cp	
		Г					

58318	Gender, Culture, Power	8cp		58227	Balancing World Views: Introduction to	
58319	Rights and Territories	8cp		00227	Aboriginal Cultures	8ср
58224	Australian Pasts and Places	8ср		58326	Australian Aboriginal Politics and History	8cp
58320				58111		
58321	Australian Fiction Australian Film	8cp			Reporting with Sound and Image	8cp
58225	Introduction to Film Studies	8cp		58112	Reporting and Editing for Print and Online	0
		8cp		E0110	Journalism	8cp
58323	Contemporary World Cinema	8cp		58118	Principles of Advertising	8cp
58322	Screening the Past	8cp		58129	Advertising Campaign Practice	8cp
58226	Media, Mediation, Power	8cp		58117	Principles of Public Relations	8cp
58324	Investigating Media, Reflective Practices	8cp		58128	Strategic Public Relations	8cp
58325	Audiences, Users, Publics, Communities	8cp		58120	Creativity and Culture	8cp
58327	Indigenous Futures	8cp		58121	Fictional Forms	8cp
58228	Climate Change: Politics and Ecology	8cp		58124	Local Transformations	8cp
58328	The New Economy of Post-Nature	8cp		58125	Creative Information Design	8cp
58329	Culture, Science and Nature	8cp		58126	Information Discovery and Analysis	8cp
58999	Professional Internship	8cp		58127	Information Cultures	8cp
58900	Poetry	8cp		58222	Global Politics from Above and Below	8cp
58901	Screenwriting	8cp		58316	Sex, Race and Empire	8cp
58902	Writing Through Genre	8cp		58317	Transnational Media	8cp
		Tota	al 8cp	58223	Social Bodies	8cp
				58318	Gender, Culture, Power	8ср
CBK903	14 Electives (Media Arts and Production)			58319	Rights and Territories	8cp
Select 8 cr	redit points from the following options:		8ср	58224	Australian Pasts and Places	8ср
50001	Online Documentary	8ср		58320	Australian Fiction	8cp
50190	Professional Information Project	8cp		58321	Australian Film	8ср
50251	Genocide Studies	8cp		58225	Introduction to Film Studies	8ср
58110	Introduction to Journalism	8cp		58323	Contemporary World Cinema	8cp
58123	Society, Economy and Globalisation	8cp		58322	Screening the Past	8cp
58116	The Ecology of Public Communication	8cp		58226	Media, Mediation, Power	8cp
58119	Text and Context	8cp		58324	Investigating Media, Reflective Practices	8cp
58122	Introduction to Social Inquiry	8cp		58325	Audiences, Users, Publics, Communities	8cp
58227	Balancing World Views: Introduction to	1		58327	Indigenous Futures	8cp
	Aboriginal Cultures	8cp		58228	Climate Change: Politics and Ecology	8cp
58326	Australian Aboriginal Politics and History	8cp		58328	The New Economy of Post-Nature	8cp
58111	Reporting with Sound and Image	8cp		58329	Culture, Science and Nature	8cp
58112	Reporting and Editing for Print and Online	I		58999	Professional Internship	8cp
	Journalism	8cp		58900	Poetry	8cp
58118	Principles of Advertising	8cp		58901	Screenwriting	8cp
58129	Advertising Campaign Practice	8cp		58902	Writing Through Genre	8cp
58117	Principles of Public Relations	8cp				Total 8cp
						-
58128	Strategic Public Relations	8cp				
58128 58120	Strategic Public Relations Creativity and Culture	8cp		CBK9031	6 Electives (Public Communication)	
58120	Creativity and Culture	8cp				8ср
58120 58121	Creativity and Culture Fictional Forms	8cp 8cp		Select 8 cre	edit points from the following options:	8cp
58120 58121 58124	Creativity and Culture Fictional Forms Local Transformations	8cp 8cp 8cp		Select 8 cre 50001	edit points from the following options: Online Documentary	8cp
58120 58121 58124 58125	Creativity and Culture Fictional Forms Local Transformations Creative Information Design	8cp 8cp 8cp 8cp		Select 8 cro 50001 50190	edit points from the following options: Online Documentary Professional Information Project	8cp 8cp
58120 58121 58124 58125 58126	Creativity and Culture Fictional Forms Local Transformations Creative Information Design Information Discovery and Analysis	8cp 8cp 8cp 8cp 8cp		Select 8 cro 50001 50190 50251	edit points from the following options: Online Documentary Professional Information Project Genocide Studies	8cp 8cp 8cp
58120 58121 58124 58125 58126 58127	Creativity and Culture Fictional Forms Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures	8cp 8cp 8cp 8cp 8cp 8cp		Select 8 cre 50001 50190 50251 58110	edit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism	8cp 8cp 8cp 8cp
58120 58121 58124 58125 58126 58127 58222	Creativity and Culture Fictional Forms Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures Global Politics from Above and Below	8cp 8cp 8cp 8cp 8cp 8cp 8cp		Select 8 cre 50001 50190 50251 58110 58116	edit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication	8cp 8cp 8cp 8cp 8cp
58120 58121 58124 58125 58126 58127 58222 58316	Creativity and Culture Fictional Forms Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures Global Politics from Above and Below Sex, Race and Empire	8cp 8cp 8cp 8cp 8cp 8cp 8cp		Select 8 cre 50001 50190 50251 58110 58116 58119	edit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context	8cp 8cp 8cp 8cp 8cp 8cp
58120 58121 58124 58125 58126 58127 58222 58316 58317	Creativity and Culture Fictional Forms Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures Global Politics from Above and Below Sex, Race and Empire Transnational Media	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		Select 8 cre 50001 50190 50251 58110 58116 58119 58122	edit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context Introduction to Social Inquiry	8cp 8cp 8cp 8cp 8cp 8cp 8cp
58120 58121 58124 58125 58126 58127 58222 58316 58317 58223	Creativity and Culture Fictional Forms Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures Global Politics from Above and Below Sex, Race and Empire Transnational Media Social Bodies	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		Select 8 cre 50001 50190 50251 58110 58116 58119 58122 58123	edit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context Introduction to Social Inquiry Society, Economy and Globalisation	8cp 8cp 8cp 8cp 8cp 8cp
58120 58121 58124 58125 58126 58127 58222 58316 58317 58223 58318	Creativity and Culture Fictional Forms Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures Global Politics from Above and Below Sex, Race and Empire Transnational Media Social Bodies Gender, Culture, Power	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		Select 8 cre 50001 50190 50251 58110 58116 58119 58122	edit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context Introduction to Social Inquiry Society, Economy and Globalisation Balancing World Views: Introduction to	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
58120 58121 58124 58125 58126 58127 58222 58316 58317 58223 58318 58319	Creativity and Culture Fictional Forms Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures Global Politics from Above and Below Sex, Race and Empire Transnational Media Social Bodies Gender, Culture, Power Rights and Territories	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		Select 8 cm 50001 50190 50251 58110 58116 58119 58122 58123 58227	edit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context Introduction to Social Inquiry Society, Economy and Globalisation Balancing World Views: Introduction to Aboriginal Cultures	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
58120 58121 58124 58125 58126 58127 58222 58316 58317 58223 58318 58319 58224	Creativity and Culture Fictional Forms Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures Global Politics from Above and Below Sex, Race and Empire Transnational Media Social Bodies Gender, Culture, Power Rights and Territories Australian Pasts and Places	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		Select 8 cm 50001 50190 50251 58110 58116 58119 58122 58123 58227 58326	edit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context Introduction to Social Inquiry Society, Economy and Globalisation Balancing World Views: Introduction to Aboriginal Cultures Australian Aboriginal Politics and History	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
58120 58121 58124 58125 58126 58127 58222 58316 58317 58223 58318 58319 58224 58320	Creativity and Culture Fictional Forms Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures Global Politics from Above and Below Sex, Race and Empire Transnational Media Social Bodies Gender, Culture, Power Rights and Territories Australian Pasts and Places Australian Fiction	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		Select 8 cre 50001 50190 50251 58110 58116 58119 58122 58123 58227 58326 58111	edit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context Introduction to Social Inquiry Society, Economy and Globalisation Balancing World Views: Introduction to Aboriginal Cultures Australian Aboriginal Politics and History Reporting with Sound and Image	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
58120 58121 58124 58125 58126 58127 58222 58316 58317 58223 58318 58319 58224 58320 58321	Creativity and Culture Fictional Forms Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures Global Politics from Above and Below Sex, Race and Empire Transnational Media Social Bodies Gender, Culture, Power Rights and Territories Australian Pasts and Places Australian Fiction Australian Film	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		Select 8 cm 50001 50190 50251 58110 58116 58119 58122 58123 58227 58326	edit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context Introduction to Social Inquiry Society, Economy and Globalisation Balancing World Views: Introduction to Aboriginal Cultures Australian Aboriginal Politics and History Reporting with Sound and Image Reporting and Editing for Print and Online	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
58120 58121 58124 58125 58126 58127 58222 58316 58317 58223 58318 58319 58224 58320 58321 58225	Creativity and Culture Fictional Forms Local Transformations Creative Information Design Information Discovery and Analysis Information Cultures Global Politics from Above and Below Sex, Race and Empire Transnational Media Social Bodies Gender, Culture, Power Rights and Territories Australian Pasts and Places Australian Fiton Australian Film Introduction to Film Studies	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		Select 8 cre 50001 50190 50251 58110 58116 58119 58122 58123 58227 58326 58111 58112	edit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context Introduction to Social Inquiry Society, Economy and Globalisation Balancing World Views: Introduction to Aboriginal Cultures Australian Aboriginal Politics and History Reporting with Sound and Image Reporting and Editing for Print and Online Journalism	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
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58327	Indigenous Futures	8cp		58121	Fictional Forms	8cp	
58228	Climate Change: Politics and Ecology	8cp		58124	Local Transformations	8cp	
58328	The New Economy of Post-Nature	8cp		58125	Creative Information Design	8cp	
58329	Culture, Science and Nature	8cp		58126	Information Discovery and Analysis	8cp	
58999				58127	Information Cultures		
	Professional Internship	8cp				8cp	
58900	Poetry	8cp		58222	Global Politics from Above and Below	8cp	
58901	Screenwriting	8cp		58316	Sex, Race and Empire	8cp	
58902	Writing Through Genre	8ср		58317	Transnational Media	8cp	
		Tota	l 8cp	58223	Social Bodies	8ср	
				58318	Gender, Culture, Power	8cp	
CBK903	17 Electives (Writing and Cultural Studie	s)		58319	Rights and Territories	8cp	
	redit points from the following options:		8ср	58224	Australian Pasts and Places	8cp	
50001		8cn	оср	58320	Australian Fiction	8cp	
	Online Documentary	8cp		58321	Australian Film	8cp	
50190	Professional Information Project	8cp					
50251	Genocide Studies	8ср		58225	Introduction to Film Studies	8cp	
58110	Introduction to Journalism	8ср		58323	Contemporary World Cinema	8cp	
58116	The Ecology of Public Communication	8ср		58322	Screening the Past	8ср	
58119	Text and Context	8cp		58226	Media, Mediation, Power	8ср	
58122	Introduction to Social Inquiry	8cp		58324	Investigating Media, Reflective Practices	8ср	
58123	Society, Economy and Globalisation	8cp		58325	Audiences, Users, Publics, Communities	8cp	
58227	Balancing World Views: Introduction to	оср		58327	Indigenous Futures	8cp	
36227	Alexander of Colleges	0		58228	Climate Change: Politics and Ecology	8cp	
	Aboriginal Cultures	8cp					
58326	Australian Aboriginal Politics and History	8ср		58328	The New Economy of Post-Nature	8cp	
58111	Reporting with Sound and Image	8ср		58329	Culture, Science and Nature	8ср	
58112	Reporting and Editing for Print and Online	_		58999	Professional Internship	8ср	
	Journalism	8ср		58900	Poetry	8cp	
58118	Principles of Advertising	8cp		58901	Screenwriting	8cp	
58129	Advertising Campaign Practice			58902	Writing Through Genre	8cp	
		8cp		00702	Withing Throught Gerile		al 8cp
58117	Principles of Public Relations	8cp				100	аг оср
58128	Strategic Public Relations	8ср		CDI/0004	O Cubicat abaica (Education)		
58120	Creativity and Culture	8ср		CBK9031	9 Subject choice (Education)		
58121	Fictional Forms	8cp		Select 96 c	redit points from the following options:		96cp
58124	Local Transformations	8cp		015253	Professional Experience 2: Teaching and		•
58125	Creative Information Design	8cp			Learning in Context	6ср	
58126	Information Discovery and Analysis	8cp		015033	Programming for Community Learning	6ср	
58127	Information Cultures			015033	Education and Cultural Diversity		
		8cp				6cp	
58222	Global Politics from Above and Below	8cp		015189	Facilitating Learning	6ср	
58316	Sex, Race and Empire	8ср				Tota	l 96cp
58317	Transnational Media	8ср					
58223	Social Bodies	8cp		CBK9032	0 Major choice		
58318	Gender, Culture, Power	8cp			redit points from the following options:		78cp
58319	Rights and Territories	8cp					70CP
58224	Australian Pasts and Places			MAJU9390	Aboriginal Studies and Language,	70	
		8cp			Literacy and Numeracy	78cp	
58320	Australian Fiction	8cp		MAJ09397	Language, Literacy and Numeracy	78cp	
58321	Australian Film	8cp		MAJ09398	Vocational Education	78cp	
58225	Introduction to Film Studies	8ср		MAJ08962	Human Resource Development	78cp	
58323	Contemporary World Cinema	8ср			•		178cp
58322	Screening the Past	8cp					1
30322		8cp		CBK9032	1 Electives		
58226	Media, Mediation, Power	1					
58226	Media, Mediation, Power Investigating Media, Reflective Practices	8cp			us dit us simts fusus the s fall services santisms.		10
58226 58324	Investigating Media, Reflective Practices	8ср		Select 18 c	redit points from the following options:		18cp
58226 58324 58325	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities	8ср 8ср		Select 18 c 31080	Digital Multimedia	6ср	18cp
58226 58324 58325 58327	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures	8ср 8ср 8ср		Select 18 c 31080 31097	Digital Multimedia IT Operations Management	6cp	18cp
58226 58324 58325 58327 58228	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology	8cp 8cp 8cp 8cp		Select 18 c 31080	Digital Multimedia		18ср
58226 58324 58325 58327 58228 58328	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature	8cp 8cp 8cp 8cp 8cp		Select 18 c 31080 31097	Digital Multimedia IT Operations Management Extreme Programming	6cp	18cp
58226 58324 58325 58327 58228 58328 58329	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature	8cp 8cp 8cp 8cp 8cp		Select 18 c 31080 31097 31335	Digital Multimedia IT Operations Management	6cp 6cp	18cp
58226 58324 58325 58327 58228 58328	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature	8cp 8cp 8cp 8cp 8cp		Select 18 c 31080 31097 31335 31735	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development	6cp 6cp 6cp	18cp
58226 58324 58325 58327 58228 58328 58329	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature	8cp 8cp 8cp 8cp 8cp 8cp 8cp		Select 18 c 31080 31097 31335 31735	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet	6cp 6cp 6cp	18cp
58226 58324 58325 58327 58228 58328 58329 58999	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship	8cp 8cp 8cp 8cp 8cp 8cp 8cp		Select 18 c 31080 31097 31335 31735 31748 31777	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction	6cp 6cp 6cp 6cp 6cp	18cp
58226 58324 58325 58327 58228 58328 58329 58999 58900	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		Select 18 c 31080 31097 31335 31735 31748 31777 31927	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET	6cp 6cp 6cp 6cp 6cp	18cp
58226 58324 58325 58327 58228 58328 58329 58999 58900 58901	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	ll 8cp	Select 18 c 31080 31097 31335 31735 31748 31777 31927 31950	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp	18cp
58226 58324 58325 58327 58228 58328 58329 58999 58900 58901	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	l 8cp	Select 18 c 31080 31097 31335 31735 31748 31777 31927 31950 31096	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations	6cp 6cp 6cp 6cp 6cp 6cp 6cp	18cp
58226 58324 58325 58327 58228 58328 58329 58999 58900 58901 58902	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	ıl 8cp	Select 18 c 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	18cp
58226 58324 58325 58327 58228 58328 58329 58999 58900 58901 58902	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	1	Select 18 c 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338 31091	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	18cp
58226 58324 58325 58327 58228 58328 58329 58999 58900 58901 58902	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp Tota	ll 8cp 8cp	Select 18 c 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	18cp
58226 58324 58325 58327 58228 58328 58329 58999 58900 58901 58902	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre 18 Electives redit points from the following options: Online Documentary	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp Tota	1	Select 18 c 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338 31091 31100	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project Enterprise Development with .NET	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	18cp
58226 58324 58325 58327 58228 58328 58329 58999 58900 58901 58902 CBK903 Select 8 c	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre 18 Electives redit points from the following options: Online Documentary	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp Tota	1	Select 18 c 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338 31091	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	
58226 58324 58325 58327 58328 58328 58329 58990 58900 58901 58902 CBK903 Select 8 of 50001 50190	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre 18 Electives redit points from the following options: Online Documentary Professional Information Project	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp Tota	1	Select 18 c 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338 31091 31100	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project Enterprise Development with .NET	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	18cp
58226 58324 58325 58327 58328 58328 58329 58990 58900 58901 58902 CBK903 Select 8 c 50001 50190 50251	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre 18 Electives redit points from the following options: Online Documentary Professional Information Project Genocide Studies	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	1	Select 18 c 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338 31091 31100 31005	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project Enterprise Development with .NET Data Mining Algorithms	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	
58226 58324 58325 58327 58228 58329 58999 58900 58901 58902 CBK903 Select 8 of 50001 50190 50251 58110	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre ### ### ### ### ### ### ### #### ###	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	1	Select 18 c 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338 31091 31100 31005	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project Enterprise Development with .NET Data Mining Algorithms 23 No specified major	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	18ср
58226 58324 58325 58327 58228 58329 58999 58900 58901 58902 CBK903 Select 8 of 50001 50190 50251 58110 58116	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre 18 Electives redit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	1	Select 18 cd 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338 31091 31100 31005 CBK9032 Select 30 cd	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project Enterprise Development with .NET Data Mining Algorithms 23 No specified major redit points from the following options:	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 7otal	
58226 58324 58325 58327 58228 58329 58999 58900 58901 58902 CBK903 Select 8 cc 50001 50190 50251 58110 58116 58119	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre 18 Electives redit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	1	Select 18 cd 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338 31091 31100 31005 CBK9032 Select 30 cd 77701	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project Enterprise Development with .NET Data Mining Algorithms 23 No specified major redit points from the following options: International Economic Law (PG)	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 7cp 6cp 6cp	18ср
58226 58324 58325 58327 58228 58329 58999 58900 58901 58902 CBK903 Select 8 cc 50001 50190 50251 58110 58116 58119 58122	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre 18 Electives redit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context Introduction to Social Inquiry	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	1	Select 18 cd 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338 31091 31100 31005 CBK9032 Select 30 cd	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project Enterprise Development with .NET Data Mining Algorithms 23 No specified major redit points from the following options:	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 7otal	18ср
58226 58324 58325 58327 58228 58328 58329 58999 58900 58901 58902 CBK903 Select 8 c 50001 50190 50251 58110 58116 58119 58122 58123	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre 18 Electives redit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context Introduction to Social Inquiry Society, Economy and Globalisation	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	1	Select 18 cd 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338 31091 31100 31005 CBK9032 Select 30 cd 77701	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project Enterprise Development with .NET Data Mining Algorithms 13 No specified major redit points from the following options: International Economic Law (PG) European Union Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 7cp 6cp 6cp 6cp	18ср
58226 58324 58325 58327 58228 58329 58999 58900 58901 58902 CBK903 Select 8 cc 50001 50190 50251 58110 58116 58119 58122	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre 18 Electives redit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context Introduction to Social Inquiry	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	1	Select 18 cd 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338 31091 31100 31005 CBK9032 Select 30 cd 77701 77704 77715	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project Enterprise Development with .NET Data Mining Algorithms 23 No specified major redit points from the following options: International Economic Law (PG) European Union Law Banking Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	18ср
58226 58324 58325 58327 58228 58328 58329 58999 58900 58901 58902 CBK903 Select 8 c 50001 50190 50251 58110 58116 58119 58122 58123	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre 18 Electives redit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context Introduction to Social Inquiry Society, Economy and Globalisation	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	1	Select 18 cd 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338 31091 31100 31005 CBK9032 Select 30 cd 77701 77704 77715 77716	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project Enterprise Development with .NET Data Mining Algorithms 23 No specified major redit points from the following options: International Economic Law (PG) European Union Law Banking Law International Trade Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	18ср
58226 58324 58325 58327 58228 58328 58329 58999 58900 58901 58902 CBK903 Select 8 of 50001 50190 50251 58110 58116 58119 58122 58123 58227	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre 18 Electives redit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context Introduction to Social Inquiry Society, Economy and Globalisation Balancing World Views: Introduction to Aboriginal Cultures	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	1	Select 18 cd 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338 31091 31100 31005 CBK9032 Select 30 cd 77701 77704 77715 77716 77724	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project Enterprise Development with .NET Data Mining Algorithms 13 No specified major redit points from the following options: International Economic Law (PG) European Union Law Banking Law International Trade Law International Banking and Finance Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	18ср
58226 58324 58325 58327 58228 58329 58999 58900 58901 58902 CBK903 Select 8 c 50001 50190 50251 58110 58116 58119 58122 58123 58227	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre **18 Electives** redit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context Introduction to Social Inquiry Society, Economy and Globalisation Balancing World Views: Introduction to Aboriginal Cultures Australian Aboriginal Politics and History	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	1	Select 18 cd 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338 31091 31100 31005 CBK9032 Select 30 cd 77701 77704 77715 77716 77724 77734	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project Enterprise Development with .NET Data Mining Algorithms 13 No specified major redit points from the following options: International Economic Law (PG) European Union Law Banking Law International Trade Law International Banking and Finance Law Law and Medicine	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	18ср
58226 58324 58325 58327 58228 58329 58999 58900 58901 58902 CBK903 Select 8 of 50001 50190 50251 58110 58116 58119 58122 58123 58227	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre **18 Electives** redit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context Introduction to Social Inquiry Society, Economy and Globalisation Balancing World Views: Introduction to Aboriginal Cultures Australian Aboriginal Politics and History Reporting with Sound and Image	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	1	Select 18 cd 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338 31091 31100 31005 CBK9032 Select 30 cd 77701 77704 77715 77716 77724 77734 77740	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project Enterprise Development with .NET Data Mining Algorithms 23 No specified major redit points from the following options: International Economic Law (PG) European Union Law Banking Law International Trade Law International Banking and Finance Law Law and Medicine Research Paper	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	18ср
58226 58324 58325 58327 58228 58329 58999 58900 58901 58902 CBK903 Select 8 c 50001 50190 50251 58110 58116 58119 58122 58123 58227	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre 18 Electives redit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context Introduction to Social Inquiry Society, Economy and Globalisation Balancing World Views: Introduction to Aboriginal Cultures Australian Aboriginal Politics and History Reporting with Sound and Image Reporting and Editing for Print and Online	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	1	Select 18 cd 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338 31091 31100 31005 CBK9032 Select 30 cd 77701 77704 77715 77716 77724 77734 77740 77745	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project Enterprise Development with .NET Data Mining Algorithms 23 No specified major redit points from the following options: International Economic Law (PG) European Union Law Banking Law International Banking and Finance Law Law and Medicine Research Paper Negotiation	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	18ср
58226 58324 58325 58327 58228 58329 58999 58900 58901 58902 CBK903 Select 8 of 50001 50190 50251 58110 58116 58119 58122 58123 58227 58326 58111 58112	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre 18 Electives redit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context Introduction to Social Inquiry Society, Economy and Globalisation Balancing World Views: Introduction to Aboriginal Cultures Australian Aboriginal Politics and History Reporting with Sound and Image Reporting and Editing for Print and Online Journalism	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	1	Select 18 cd 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338 31091 31100 31005 CBK9032 Select 30 cd 77701 77704 77715 77716 77724 77734 77740	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project Enterprise Development with .NET Data Mining Algorithms 13 No specified major redit points from the following options: International Economic Law (PG) European Union Law Banking Law International Trade Law International Banking and Finance Law Law and Medicine Research Paper Negotiation Advanced Mediation	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	18ср
58226 58324 58325 58327 58228 58329 58999 58900 58901 58902 CBK903 Select 8 of 50001 50190 50251 58110 58116 58119 58122 58123 58227 58326 58111 58112	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre 18 Electives redit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context Introduction to Social Inquiry Society, Economy and Globalisation Balancing World Views: Introduction to Aboriginal Cultures Australian Aboriginal Politics and History Reporting with Sound and Image Reporting and Editing for Print and Online Journalism Principles of Advertising	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	1	Select 18 cd 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338 31091 31100 31005 CBK9032 Select 30 cd 77701 77704 77715 77716 77724 77734 77740 77745	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project Enterprise Development with .NET Data Mining Algorithms 23 No specified major redit points from the following options: International Economic Law (PG) European Union Law Banking Law International Banking and Finance Law Law and Medicine Research Paper Negotiation	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	18ср
58226 58324 58325 58327 58228 58328 58329 58999 58900 58901 58902 CBK903 Select 8 of 50001 50190 50251 58110 58116 58119 58122 58123 58227 58326 58111 58112 58118 58129	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre 18 Electives redit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context Introduction to Social Inquiry Society, Economy and Globalisation Balancing World Views: Introduction to Aboriginal Cultures Australian Aboriginal Politics and History Reporting with Sound and Image Reporting and Editing for Print and Online Journalism Principles of Advertising Advertising Campaign Practice	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	1	Select 18 cd 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338 31091 31100 31005 CBK9032 Select 30 cd 77701 77704 77715 77716 77724 77734 77740 77745 77746	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project Enterprise Development with .NET Data Mining Algorithms 13 No specified major redit points from the following options: International Economic Law (PG) European Union Law Banking Law International Trade Law International Banking and Finance Law Law and Medicine Research Paper Negotiation Advanced Mediation	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	18ср
58226 58324 58325 58327 58228 58328 58329 58999 58900 58901 58902 CBK903 Select 8 c 50001 50190 50251 58110 58116 58119 58122 58123 58227 58326 58111 58112 58118 58129 58117	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre 18 Electives redit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context Introduction to Social Inquiry Society, Economy and Globalisation Balancing World Views: Introduction to Aboriginal Cultures Australian Aboriginal Politics and History Reporting with Sound and Image Reporting and Editing for Print and Online Journalism Principles of Advertising Advertising Campaign Practice Principles of Public Relations	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	1	Select 18 cd 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338 31091 31100 31005 CBK9032 Select 30 cd 77701 77704 77715 77716 77724 77734 77740 77745 77746 77751	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project Enterprise Development with .NET Data Mining Algorithms 13 No specified major redit points from the following options: International Economic Law (PG) European Union Law Banking Law International Trade Law International Banking and Finance Law Law and Medicine Research Paper Negotiation Advanced Mediation International Commercial Arbitration	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	18ср
58226 58324 58325 58327 58228 58328 58329 58999 58900 58901 58902 CBK903 Select 8 of 50001 50190 50251 58110 58116 58119 58122 58123 58227 58326 58111 58112 58118 58129	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre 18 Electives redit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context Introduction to Social Inquiry Society, Economy and Globalisation Balancing World Views: Introduction to Aboriginal Cultures Australian Aboriginal Politics and History Reporting with Sound and Image Reporting and Editing for Print and Online Journalism Principles of Advertising Advertising Campaign Practice	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	1	Select 18 cd 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338 31091 31100 31005 CBK9032 Select 30 cd 77701 77704 77715 77716 77724 77734 77740 77745 77746 77751 77752	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project Enterprise Development with .NET Data Mining Algorithms 13 No specified major redit points from the following options: International Economic Law (PG) European Union Law Banking Law International Trade Law International Banking and Finance Law Law and Medicine Research Paper Negotiation Advanced Mediation International Commercial Arbitration Commercial Arbitration (Domestic)	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	18ср
58226 58324 58325 58327 58228 58328 58329 58999 58900 58901 58902 CBK903 Select 8 c 50001 50190 50251 58110 58116 58119 58122 58123 58227 58326 58111 58112 58118 58129 58117	Investigating Media, Reflective Practices Audiences, Users, Publics, Communities Indigenous Futures Climate Change: Politics and Ecology The New Economy of Post-Nature Culture, Science and Nature Professional Internship Poetry Screenwriting Writing Through Genre 18 Electives redit points from the following options: Online Documentary Professional Information Project Genocide Studies Introduction to Journalism The Ecology of Public Communication Text and Context Introduction to Social Inquiry Society, Economy and Globalisation Balancing World Views: Introduction to Aboriginal Cultures Australian Aboriginal Politics and History Reporting with Sound and Image Reporting and Editing for Print and Online Journalism Principles of Advertising Advertising Campaign Practice Principles of Public Relations	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	1	Select 18 cd 31080 31097 31335 31735 31748 31777 31927 31950 31096 31338 31091 31100 31005 CBK9032 Select 30 cd 77701 77704 77715 77716 77724 77734 77740 77745 77746 77751	Digital Multimedia IT Operations Management Extreme Programming Information Systems and Organisation Development Programming on the Internet Human-Computer Interaction Application Development with .NET Networked Enterprise Design Managing Client/Vendor Relations Network Servers Mobile Computing Project Enterprise Development with .NET Data Mining Algorithms 13 No specified major redit points from the following options: International Economic Law (PG) European Union Law Banking Law International Trade Law International Banking and Finance Law Law and Medicine Research Paper Negotiation Advanced Mediation International Commercial Arbitration	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	18ср

77767	Taxation Administration	6ср	78160	Rights and Obligations in the International	
77783	International Commercial Dispute	оср	70100	Legal System	6ср
77703		600	78162		1
77700	Resolution	6ср		Global Governance and Social Justice	6cp
77792	Crisis Negotiation	6cp	78164	Law and Regulation	6ср
77794	International Environmental Law	6cp	78166	Media and Entertainment Law and	
77796	Taxation of Business Entities	6ср		Regulation	6ср
77850	Psychology and Dispute Resolution	6ср	78168	Perspectives on Regulation	6ср
77867	Workplace Dispute Resolution	6ср	78170	Regulatory Strategies and Compliance	
77893	Designs Law and Practice	6ср		Principles	6ср
77898	Patent Law	6ср	78178	Telecommunications Law and Regulations	6ср
77900	Goods and Services Tax	6cp	78173	Dispute Resolution in Civil Practice	6cp
77901	Securities Markets Law	6cp	78180	Converging Media Industries: Regulatory	1
77903	Copyright Law	6ср		Challenges	6ср
77924	Superannuation and Retirement Planning	6cp	78181	Deceptive Trade Practices	6ср
77930	Insurance Law	6ср	78182	Human Rights Law	6ср
77935	International Business Law		78188		
		6ср		Intellectual Property Commercialisation	6cp
77945	Current Issues in Taxation	6cp	78184	Intellectual Property: Law and Policy	6ср
77953	International Taxation Law	6ср	78186	Intellectual Property and Traditional	,
77976	World Trade Organisation Law and			Knowledge	6ср
	Practice	6ср	78105	Genetics and the Law	6ср
78008	Law of the Sea	6ср	78107	Climate Law and Carbon Markets	6ср
78010	International Criminal Law	6ср	78109	Globalisation and International Economic	
78011	International Sale of Goods	6cp		Law	6ср
79771	Dispute Resolution	6cp	79031	Employment and Industrial Law	6cp
	Research project (Law PG)	12cp	78197	Corporate Finance Transactions 1	6cp
76047	Advanced Contracts	6cp	78199	Corporate Finance Transactions 2	6ср
76005	Islamic Law	. *	78201	International Development Law	6ср
76039	Jessup International Moot	6cp	78201		
	· 1	6ср		International Organisations	6ср
76901	Vis Arbitral Moot	6ср	78209	Taxation of Commercial Enterprises	6ср
78015	Global Aspects of Intellectual Property		78210	Law and Literature	6cp
	Law	6ср			Total 30cp
78016	International Humanitarian Law	6ср		_	
76002	Sports Law	6ср	CBK9032	4 Two sub-majors/Sub-major + four el	ectives
76521	Intellectual Property and Traditional	1		redit points from the following options:	48cp
	Knowledge	6ср		Finance and Economics	24cp
78021	Contemporary Issues in Constitutional	F			24cp
70021	Law	6ср		Logistics Management	
76900	Moot	. *	CBK90325	Electives	24cp
78023		6ср			Total 48cp
76023	International Trade Law and the	(001/0000	ee	
5 000 (Environment	6cp	CBK9032	5 Electives	
78026	Business and Law in China	6cp	Free choic	e of electives.	
78029	Mediation Practice	6ср	Free choic	e of electives.	
78029 77889	Mediation Practice Trade Marks Law	. *			
78029 77889 77890	Mediation Practice	6ср	CBK9032	6 Options	6cn
78029 77889	Mediation Practice Trade Marks Law	6cp 6cp	CBK9032 Select 6 cro	26 Options edit points from the following options:	6cp
78029 77889 77890	Mediation Practice Trade Marks Law Trade Marks Practice	6cp 6cp 6cp	CBK9032 Select 6 cre 77746	26 Options edit points from the following options: Advanced Mediation	6ср
78029 77889 77890 78036	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment	6cp 6cp 6cp	CBK9032 Select 6 cre 77746 77945	26 Options edit points from the following options: Advanced Mediation Current Issues in Taxation	6ср 6ср
78029 77889 77890 78036	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice	6cp 6cp 6cp 6cp	CBK9032 Select 6 cro 77746 77945 77715	26 Options edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law	6cp 6cp 6cp
78029 77889 77890 78036 78039 78041	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies	6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cre 77746 77945 77715 77752	26 Options edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic)	6cp 6cp 6cp 6cp
78029 77889 77890 78036 78039 78041 78040	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education	6cp 6cp 6cp 6cp	CBK9032 Select 6 cro 77746 77945 77715 77752 77903	26 Options edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law	6cp 6cp 6cp 6cp 6cp
78029 77889 77890 78036 78039 78041	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and	6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cre 77746 77945 77715 77752 77903 77792	26 Options edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation	6cp 6cp 6cp
78029 77889 77890 78036 78039 78041 78040 78042	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw	6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cro 77746 77945 77715 77752 77903	26 Options edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law	6cp 6cp 6cp 6cp 6cp 6cp
78029 77889 77890 78036 78039 78041 78040 78042	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cre 77746 77945 77715 77752 77903 77792	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice	6cp 6cp 6cp 6cp 6cp 6cp
78029 77889 77890 78036 78039 78041 78040 78042 76007 76008	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cm 77746 77945 77715 77752 77903 77792 77893 79771	26 Options edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution	6cp 6cp 6cp 6cp 6cp 6cp 6cp
78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cm 77746 77945 77715 77752 77903 77792 77893 79771 77761	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution in Commerce	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015 76024	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cm 77746 77945 77715 77752 77903 77792 77893 79771 77761 77704	26 Options edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution Dispute Resolution in Commerce European Union Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cm 77746 77945 77715 77752 77903 77792 77893 79771 77761 77704 77760	26 Options edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution Dispute Resolution in Commerce European Union Law Family Dispute Resolution	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015 76024	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law Environmental Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cre 77746 77945 77715 77752 77903 77792 77893 79771 77761 77704 77760 77900	26 Options edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution Dispute Resolution in Commerce European Union Law Family Dispute Resolution Goods and Services Tax	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015 76024 76053	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law Environmental Law Industrial Law Industrial Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cm 77746 77945 77715 77752 77903 77792 77893 79771 77761 77704 77760 77900 77724	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution Dispute Resolution in Commerce European Union Law Family Dispute Resolution Goods and Services Tax International Banking and Finance Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015 76024 76053 76115	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law Environmental Law Industrial Law Insolvency	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cre 77746 77945 77715 77752 77903 77792 77893 79771 77761 77704 77760 77900	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution in Commerce European Union Law Family Dispute Resolution Goods and Services Tax International Banking and Finance Law International Commercial	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015 76024 76053 76115 76212 76069	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law Environmental Law Industrial Law Insolvency Revenue Law Community Justice Studies	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cre 77746 77945 77715 77752 77903 77792 77893 79771 77761 77704 77760 77900 77724 777751	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution Dispute Resolution in Commerce European Union Law Family Dispute Resolution Goods and Services Tax International Banking and Finance Law International Commercial Arbitration	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
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78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015 76024 76053 76115 76212 76069 78111 78113	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law Environmental Law Industrial Law Insolvency Revenue Law Community Justice Studies Banking and Finance Law Securities Regulation	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cm 77746 77945 77715 77752 77903 777792 77893 79771 77761 77704 77700 77900 77724 77751	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution Dispute Resolution in Commerce European Union Law Family Dispute Resolution Goods and Services Tax International Banking and Finance Law International Commercial Arbitration	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
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78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015 76024 76053 76115 76212 76069 78111 78113	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law Environmental Law Industrial Law Insolvency Revenue Law Community Justice Studies Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cm 77746 77945 77715 77752 77903 77792 77893 79771 77761 77704 77760 77900 77794 77751 77935 77701 77794 77953	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution Dispute Resolution in Commerce European Union Law Family Dispute Resolution Goods and Services Tax International Banking and Finance Law International Commercial Arbitration International Business Law International Business Law International Economic Law (PG) International Environmental Law International Taxation Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015 76024 76053 76115 76212 76069 78111 78113 78115	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law Environmental Law Industrial Law Insolvency Revenue Law Community Justice Studies Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cm 77746 77945 77715 77752 77903 77792 77893 79771 77761 77704 77760 77900 77724 77751 77935 777701 77794 77953 77716	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution Dispute Resolution in Commerce European Union Law Family Dispute Resolution Goods and Services Tax International Banking and Finance Law International Commercial Arbitration International Business Law International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law International Trade Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015 76024 76053 76115 76212 76069 78111 78113 78117	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law Environmental Law Industrial Law Insolvency Revenue Law Community Justice Studies Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions Corporate Insolvency	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cm 77746 77945 77715 77752 77903 77792 77893 79771 77761 77704 77760 77900 77794 77751 77935 77701 77794 77953	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution in Commerce European Union Law Family Dispute Resolution Goods and Services Tax International Banking and Finance Law International Commercial Arbitration International Business Law International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015 76024 76053 76115 76212 76069 78111 78113 78115	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law Environmental Law Industrial Law Insolvency Revenue Law Community Justice Studies Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cm 77746 77945 777752 77993 77792 77893 79771 77761 77704 77760 77900 77724 77751 77935 77701 77794 77953 77716 779976	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution Dispute Resolution in Commerce European Union Law Family Dispute Resolution Goods and Services Tax International Banking and Finance Law International Commercial Arbitration International Business Law International Economic Law (PG) International Taxation Law International Taxation Law International Trade Corganisation Law and Practice	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015 76024 76053 76115 76212 76069 78111 78113 78117	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law Environmental Law Industrial Law Insolvency Revenue Law Community Justice Studies Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions Corporate Insolvency	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cm 77746 77945 77715 77752 77903 77792 77893 79771 77761 77760 77900 77724 77751 77935 77701 77794 77953 77716 77976 77976	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution Dispute Resolution in Commerce European Union Law Family Dispute Resolution Goods and Services Tax International Banking and Finance Law International Commercial Arbitration International Business Law International Economic Law (PG) International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015 76024 76053 76115 76212 76069 78111 78113 78115 78117	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law Environmental Law Industrial Law Insolvency Revenue Law Community Justice Studies Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions Corporate Insolvency Corporate Governance	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cm 77746 77945 77715 77752 77893 79771 77761 77704 77760 77900 77724 77751 77935 77701 77794 77953 77716 77976 77976 777976 777898	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution Dispute Resolution in Commerce European Union Law Family Dispute Resolution Goods and Services Tax International Banking and Finance Law International Commercial Arbitration International Business Law International Economic Law (PG) International Environmental Law International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
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78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015 76024 76053 76115 76212 76069 78111 78113 78115 78117 78122 78126 78129 78131 78133 78135 78138	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law Environmental Law Industrial Law Insolvency Revenue Law Community Justice Studies Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions Corporate Insolvency Corporate Governance Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Facilitation	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cm 77746 77945 777752 77893 777792 77893 79771 77761 77704 77760 77900 77724 77751 77935 77701 77794 77953 77716 77976 77776 77788 77898 77876 77776 77776 77796 77924	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution in Commerce European Union Law Family Dispute Resolution Goods and Services Tax International Banking and Finance Law International Commercial Arbitration International Business Law International Economic Law (PG) International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015 76024 76053 76115 76212 76069 78111 78113 78115 78117 78122 78126 78129 78131 78133	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law Environmental Law Industrial Law Insolvency Revenue Law Community Justice Studies Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions Corporate Insolvency Corporate Governance Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Facilitation International and Comparative Family	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cre 77746 77945 777752 77903 77792 77893 79771 77761 77704 77760 77990 77724 77751 77935 77701 77794 77953 77701 77794 77953 77716 77976 77796	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution in Commerce European Union Law Family Dispute Resolution Goods and Services Tax International Banking and Finance Law International Commercial Arbitration International Business Law International Economic Law (PG) International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015 76024 76053 76115 76212 76069 78111 78113 78115 78117 78122 78126 78129 78131 78133 78135 78138 78138	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law Environmental Law Industrial Law Insolvency Revenue Law Community Justice Studies Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions Corporate Governance Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Facilitation International and Comparative Family Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cm 77746 77945 777752 77893 777792 77893 79771 77761 77704 77760 77900 77724 77751 77935 77701 77794 77953 77716 77976 77776 77788 77898 77876 77776 77776 77796 77924	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution in Commerce European Union Law Family Dispute Resolution Goods and Services Tax International Banking and Finance Law International Commercial Arbitration International Business Law International Economic Law (PG) International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
78029 77889 77890 78036 78036 78039 78041 78040 78042 76007 76008 76015 76024 76053 76115 76212 76069 78111 78113 78117 78122 78126 78129 78131 78133 78135 78138 78141	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law Environmental Law Industrial Law Insolvency Revenue Law Community Justice Studies Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions Corporate Governance Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Facilitational Independent of Family Law Contemporary Issues in Health Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cm 77746 77945 77715 77752 77893 79771 77761 77760 77900 77704 77751 77935 77771 77761 77794 77953 77716 77976 77976 77796 77745 77898 77850 77740 77767 77796 77924 77867 77796 77924 77867 77796	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution in Commerce European Union Law Family Dispute Resolution Goods and Services Tax International Banking and Finance Law International Commercial Arbitration International Business Law International Economic Law (PG) International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
78029 77889 77890 78036 78036 78039 78041 78040 78042 76007 76008 76015 76024 76053 76115 76212 76069 78111 78113 78115 78117 78122 78126 78129 78131 78133 78135 78138 78141 78145 78147	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law Environmental Law Industrial Law Insolvency Revenue Law Community Justice Studies Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions Corporate Governance Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Facilitation International and Comparative Family Law Contemporary Issues in Health Law Dilemmas in Biomedical Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cm 77746 77945 777752 77893 777792 77893 79771 77761 77760 77900 77794 77751 77935 77701 77794 77953 77716 77976 77976 77796 77745 77898 77888 77850 77740 777767 77796 77924 77867	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution in Commerce European Union Law Family Dispute Resolution Goods and Services Tax International Banking and Finance Law International Commercial Arbitration International Business Law International Economic Law (PG) International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine International Commercial Dispute	6cp
78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015 76024 76053 76115 76212 76069 78111 78113 78115 78117 78122 78126 78129 78131 78133 78135 78138 78141 78145 78147 78150	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law Environmental Law Industrial Law Insolvency Revenue Law Community Justice Studies Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions Corporate Governance Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Facilitation International and Comparative Family Law Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Mental Health	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cm 77746 77945 77715 77752 77903 777792 77893 79771 77761 77704 77760 77900 77724 77751 77935 77701 7794 77953 77716 77976 77745 77898 77850 77740 777767 77796 77796 77796 77797 77796 777783	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution in Commerce European Union Law Family Dispute Resolution Goods and Services Tax International Banking and Finance Law International Commercial Arbitration International Business Law International Economic Law (PG) International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine International Commercial Dispute Resolution	6cp
78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015 76024 76053 76115 76212 76069 78111 78113 78115 78117 78122 78126 78129 78131 78133 78135 78138 78141 78145 78147 78150 78153	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law Environmental Law Industrial Law Insolvency Revenue Law Community Justice Studies Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions Corporate Governance Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Facilitation International and Comparative Family Law Contemporary Issues in Health Law Dilemmas in Biomedical Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cm 77746 77945 777752 77903 777792 77893 79771 77761 77704 77760 77900 77724 77751 77935 77701 7794 77953 77716 77976 77745 77898 77850 77740 77767 77796 77796 77797 777783 77901	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution in Commerce European Union Law Family Dispute Resolution Goods and Services Tax International Banking and Finance Law International Commercial Arbitration International Business Law International Economic Law (PG) International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine International Commercial Dispute Resolution Securities Markets Law	6cp
78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015 76024 76053 76115 76212 76069 78111 78113 78115 78117 78122 78126 78129 78131 78133 78135 78138 78141 78145 78147 78150	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law Environmental Law Industrial Law Insolvency Revenue Law Community Justice Studies Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions Corporate Governance Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Facilitation International and Comparative Family Law Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Mental Health	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cre 77746 77945 777752 77903 77792 77893 79771 77761 77704 77760 77900 77724 77751 77935 77701 77794 77953 77716 77976 77976 77794 77976 77794 77788 77898 77850 777740 77767 77796 77924 77783 77701 77798	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution in Commerce European Union Law Family Dispute Resolution Goods and Services Tax International Banking and Finance Law International Commercial Arbitration International Economic Law (PG) International Environmental Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine International Commercial Dispute Resolution Securities Markets Law Insurance Law	6cp
78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015 76024 76053 76115 76212 76069 78111 78113 78115 78117 78122 78126 78129 78131 78133 78135 78138 78141 78145 78147 78150 78153	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law Environmental Law Industrial Law Insolvency Revenue Law Community Justice Studies Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions Corporate Insolvency Corporate Governance Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Facilitation International and Comparative Family Law Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Mental Health International Commercial Transactions	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cm 77746 77945 777715 77752 77893 77971 77761 77704 77760 77900 77724 77751 77935 77701 77794 77953 77716 77976 77794 77953 77716 77976 77794 77788 77898 77876 777745 77898 77876 77778 77789 77778 77789 77778 77783	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution in Commerce European Union Law Family Dispute Resolution Goods and Services Tax International Banking and Finance Law International Commercial Arbitration International Business Law International Economic Law (PG) International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine International Commercial Dispute Resolution Securities Markets Law Insurance Law Law of the Sea	6cp
78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015 76024 76053 76115 76212 76069 78111 78113 78115 78117 78122 78126 78129 78131 78133 78135 78138 78141 78145 78147 78150 78153	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law Environmental Law Industrial Law Insolvency Revenue Law Community Justice Studies Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions Corporate Insolvency Corporate Governance Child Law in Australia Complex Parenting Disputes (omplex Financial and Property Disputes (in Family Law) Current Issues in Family Law Facilitation International and Comparative Family Law Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Mental Health International Commercial Transactions International Environmental Law: Policy	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cm 77746 77945 777715 77752 77893 77972 77893 79771 77761 77704 77760 77900 77724 77751 77935 77701 77794 77953 77716 77976 77976 77796 77797 77788 77898 77876 77778 77796 77778 77796 77924 7787 77796 77924 77867 777783 77901 77930 78008 78008 78010	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution in Commerce European Union Law Family Dispute Resolution Goods and Services Tax International Banking and Finance Law International Commercial Arbitration International Business Law International Economic Law (PG) International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation Administration Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine International Commercial Dispute Resolution Securities Markets Law Insurance Law Law of the Sea International Criminal Law	6cp
78029 77889 77890 78036 78039 78041 78040 78042 76007 76008 76015 76024 76053 76115 76212 76069 78111 78113 78115 78117 78122 78126 78129 78131 78133 78135 78138 78141 78145 78147 78150 78153 78156	Mediation Practice Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Wickedness and Vice New Families, New Technologies The Law and Education Environmental Planning and DevelopmentLaw International Human Rights Law Jurisprudence Labour Law Environmental Law Industrial Law Insolvency Revenue Law Community Justice Studies Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions Corporate Governance Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Facilitation International and Comparative Family Law Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Mental Health International Commercial Transactions International Environmental Law: Policy and Implementation	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK9032 Select 6 cm 77746 77945 777715 77752 77893 77971 77761 77704 77760 77900 77724 77751 77935 77701 77794 77953 77716 77976 77794 77953 77716 77976 77794 77788 77898 77876 777745 77898 77876 77778 77789 77778 77789 77778 77783	edit points from the following options: Advanced Mediation Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Copyright Law Crisis Negotiation Designs Law and Practice Dispute Resolution Dispute Resolution in Commerce European Union Law Family Dispute Resolution Goods and Services Tax International Banking and Finance Law International Commercial Arbitration International Business Law International Economic Law (PG) International Taxation Law International Trade Law World Trade Organisation Law and Practice Negotiation Patent Law Psychology and Dispute Resolution Research Paper Taxation of Business Entities Superannuation and Retirement Planning Workplace Dispute Resolution Law and Medicine International Commercial Dispute Resolution Securities Markets Law Insurance Law Law of the Sea	6cp

76005	Islamic Law	6ср		27 Major subjects choice (Law)		
76039 76047	Jessup International Moot Advanced Contracts	6cp		credit points from the following options:	,	12cp
76901	Vis Arbitral Moot	6ср 6ср	77746	Advanced Mediation	6cp	
78015	Global Aspects of Intellectual Property	оср	77945 77752	Current Issues in Taxation Commercial Arbitration (Domestic)	6ср 6ср	
	Law	6ср	79771	Dispute Resolution	6ср	
78016	International Humanitarian Law	6cp	77761	Dispute Resolution in Commerce	6ср	
76002	Sports Law	6ср	77704	European Union Law	6cp	
78021	Contemporary Issues in Constitutional		77900	Goods and Services Tax	6cp	
76900	Law Moot	6cp		e of the following:	6ср	
78023	International Trade Law and the	6ср	7775			
70020	Environment	6ср	7778	Arbitration 6cp 33 International Commercial Dispute)	
78026	Business and Law in China	6cp	7770	Resolution 6cg)	
78029	Mediation Practice	6cp	77935	International Business Law	6ср	
77889	Trade Marks Law	6cp	77953	International Taxation Law	6cp	
77890 78036	Trade Marks Practice	6ср	77716	International Trade Law	6ср	
70030	Technology, Law and the Future of Entertainment	6ср	77976	World Trade Organisation Law and		
78039	Wickedness and Vice	6cp	77745	Practice Negotiation	6cp	
78041	New Families, New Technologies	6cp	77743	Psychology and Dispute Resolution	6ср 6ср	
78040	The Law and Education	6cp	77767	Taxation Administration	6ср	
78042	Environmental Planning and		77796	Taxation of Business Entities	6cp	
= <0.00	DevelopmentLaw	6cp	77924	Superannuation and Retirement Planning	6cp	
76008	Jurisprudence	6cp	77867	Workplace Dispute Resolution	6ср	
76024 76053	Environmental Law Industrial Law	6ср 6ср	78008	Law of the Sea	6cp	
76115	Insolvency	6cp	77938	Introduction to Taxation Law	6cp	11200
76212	Revenue Law	6cp			101a	1 12cp
76069	Community Justice Studies	6cp	CBK903	29 Major choice		
78111	Banking and Finance Law	6cp		credit points from the following options:		24cp
78113	Securities Regulation	6ср		20 Computer Control Engineering	24cp	-1cp
78115	Financial Analysis for the Transactional	(21 Energy Planning and Policy	24cp	
78117	Lawyer International Regulation of Financial	6ср		22 Local Government Engineering	24cp	
70117	Institutions	6ср	MAJ0342	24 Manufacturing Engineering and	2.4	
78122	Corporate Insolvency	6cp	M A TO 2 4 2	Management	24cp	
78126	Corporate Governance	6cp		25 Software Engineering 26 Structural Engineering	24cp 24cp	
78129	Child Law in Australia	6ср		27 Telecommunication Networks	24cp	
78131	Complex Parenting Disputes	6ср		28 Telecommunications Engineering	24cp	
78133	Complex Financial and Property Disputes	600		29 Water Engineering	24cp	
78135	(in Family Law) Current Issues in Family Law	6ср 6ср		72 No specified major	24cp	
78138	Facilitation	6cp	MAJ0345	51 Integrated Logistic Support and	24	
78141	International and Comparative Family Law	6cp	M 4 I034	Engineering Management 53 Civil Engineering	24cp 24cp	
78145	Contemporary Issues in Health Law	6cp		77 Value Chain Management	24cp	
78147	Dilemmas in Biomedical Law	6cp	MAJ0345	58 Geotechnical Engineering	24cp	
78150 78152	Law and Mental Health	6cp		62 Operations	24cp	
78153 78156	International Commercial Transactions International Environmental Law: Policy	6ср		68 Systems Engineering	24cp	
70130	and Implementation	6ср	MAJ0346	55 Biomedical Engineering	24cp	1.0.4
78158	Private International Law	6cp			Iota	1 24cp
78160	Rights and Obligations in the International	1	CBK903	30 Major choice		
	Legal System	6ср		credit points from the following options:		48cp
78162	Global Governance and Social Justice	6cp		30 Computer Control Engineering	48cp	40CP
78164 78166	Law and Regulation Media and Entertainment Law and	6ср		80 Energy Planning and Policy	48cp	
70100	Regulation	6ср	MAJ0337	75 Local Government Engineering	48cp	
78168	Perspectives on Regulation	6cp	MAJ0341	15 Manufacturing Engineering and		
78170	Regulatory Strategies and Compliance	1	MATOO	Management	48cp	
	Principles	6ср		79 Software Engineering 78 Structural Engineering	48cp 48cp	
78178	Telecommunications Law and Regulations	6cp		32 Telecommunications Engineering	48cp	
78173 78180	Dispute Resolution in Civil Practice	6ср		35 Telecommunication Networks	48cp	
70100	Converging Media Industries: Regulatory Challenges	6ср	MAJ0337	72 Water Engineering	48cp	
78181	Deceptive Trade Practices	6cp	MAJ0343	31 Telecommunications Engineering and		
78182	Human Rights Law	6cp	CDICOGO	Telecommunication Networks	48cp	
78188	Intellectual Property Commercialisation	6cp		38 No specified major	48cp	
78184	Intellectual Property: Law and Policy	6ср	1V1/AJUJ44	13 Local Government Engineering and Environmental Engineering	48cp	
78186	Intellectual Property and Traditional	(MAJ0345	52 Integrated Logistic Support and	тоср	
78105	Knowledge Genetics and the Law	6ср 6ср		Engineering Management	48cp	
78103 78107	Climate Law and Carbon Markets	6cp		54 Civil Engineering	48cp	
78109	Globalisation and International Economic	r	MAJ0345	56 Civil Engineering and Structural	40	
	Law	6ср	M A 1024	Engineering 59 Civil and Cootochnical Engineering	48cp	
79031	Employment and Industrial Law	6cp		59 Civil and Geotechnical Engineering 50 Geotechnical Engineering	48cp 48cp	
78197	Corporate Finance Transactions 1	6cp		64 Operations	48cp	
78199 78201	Corporate Finance Transactions 2	6cp		57 Systems Engineering	48cp	
78201 78206	International Development Law International Organisations	6ср 6ср		66 Biomedical Engineering	48cp	
78209	Taxation of Commercial Enterprises	6cp			Tota	148cp
78210	Law and Literature	6cp				
		Total 6cp				

CBK903	31 Subject choice (Group A)			CBK9033	34 Specialisation choice		
	credit points from the following options:		18cp		credit points from the following options:		24cp
49001	Judgment and Decision Making	6ср	-		6 Human-centred Design	24cp	_
49013	Managing Information Technology in	6an			7 Data Mining 8 Software Engineering	24cp	
49016	Engineering Technology and Innovation	6ср			9 IT Management	24cp 24cp	
	Management	6ср			0 e-Business Technology	24cp	
49306	Quality and Operations Management			STM90472	2 Computer Graphics and Gaming	24cp	
	Systems	6cp	l 18cp			Tota	l 24cp
		101a	1 тоср	CBK9033	35 Electives		
CBK903	32 Major choice				credit points from the following options:		18cp
	credit points from the following options:		30cp	32106	Agile Method Engineering	6ср	•
	3 No specified major	30cp		32120	Introduction to e-Business Technology	6ср	
	3 Commercial Law 6 Dispute Resolution Law	30cp 30cp		32131 32133	Data Mining and Visualisation e-Market Trading Technology	6ср 6ср	
	7 Information Technology Law	30cp		32501	Computer Graphics	6ср	
MAJ0938	4 Industrial and Intellectual Property Law	30cp		32513	Advanced Data Mining Algorithms	6cp	
	5 Family Law	30cp		32520	UNIX Systems Administration	6cp	
	2 International Law 1 International Trade Law	30cp 30cp		32530 32543	Building Intelligent Agents 3D Animation	6ср 6ср	
1,111,0,00	I International Trade Saw		1 30ср	32544	Advanced Image Synthesis Techniques	6ср	
			1	32547	UNIX Systems Programming	6cp	
	33 Electives			32550	Advances in Requirements Engineering	6cp	
	credit points from the following options: Agile Method Engineering	6an	12cp	32208 32509	Information Systems Strategy Interaction Design	6ср 6ср	
32106 32120	Introduction to e-Business Technology	6ср 6ср		32510	Principles of Object-oriented	оср	
32131	Data Mining and Visualisation	6ср			Programming in C++	6ср	
32133	e-Market Trading Technology	6ср		32516	Internet Programming	6ср	
32501	Computer Graphics	6cp		32525	Web Services Technologies and Applications	6ср	
32513 32520	Advanced Data Mining Algorithms UNIX Systems Administration	6ср 6ср		32531	Global Information Systems	6ср	
32530	Building Intelligent Agents	6ср		32535	Database in Distributed Environments	6cp	
32543	3D Animation	6ср		32536	Advanced Software Modelling	6cp	
32544	Advanced Image Synthesis Techniques	6cp		32541 32549	Project Management Advanced Internet Programming	6ср 6ср	
32547 32550	UNIX Systems Programming Advances in Requirements Engineering	6ср 6ср		22797	Business Intelligence 1: Advanced Analysis		
32208	Information Systems Strategy	6ср		24331	Marketing Analytics and Decisions	6cp	
32509	Interaction Design	6cp		24726	Economics and Marketing in the New	,	
32510	Principles of Object-oriented			25705	Economy Financial Modelling and Forecasting	6ср 6ср	
32516	Programming in C++ Internet Programming	6ср 6ср		25741	Capital Markets	6ср	
32525	Web Services Technologies and	оср		25834	Portfolio Analysis	6cp	
	Applications	6ср		35151	Introduction to Statistics	6cp	
32531	Global Information Systems	6cp		35252 35353	Mathematical Statistics Regression Analysis	6cp	
32535 32536	Database in Distributed Environments Advanced Software Modelling	6ср 6ср		35457	Multivariate Statistics	6ср 6ср	
32541	Project Management	6ср		49003	Economic Evaluation	6cp	
32549	Advanced Internet Programming	6ср		49016	Technology and Innovation	_	
22797	Business Intelligence 1: Advanced Analysis			95567	Management Digital Media in Social Context	6ср 6ср	
24331 24726	Marketing Analytics and Decisions Economics and Marketing in the New	6ср		95563	Digital Media Development Process	6ср	
21720	Economy	6ср		95564	Digital Media Technologies	6cp	
25705	Financial Modelling and Forecasting	6ср		95565	Digital Graphics and the Still Image	6cp	
25741	Capital Markets	6cp		95566 95568	Digital Information and Interaction Design Digital Sound and the Moving Image	6ср 6ср	
25834 35151	Portfolio Analysis Introduction to Statistics	6ср 6ср		32147	Introduction to IT Management	6ср	
35252	Mathematical Statistics	6ср		32146	Data Visualisation and Visual Analytics	6cp	
35353	Regression Analysis	6cp		32148	Enterprise Computing	6ср	
35457	Multivariate Statistics	6cp		32934 32405	Research Project User-Centred Design Methods	12ср 6ср	
49003 49016	Economic Evaluation Technology and Innovation	6ср		32130	Fundamentals of Data Analytics	6ср	
47010	Management	6ср		32148	Enterprise Computing	6ср	
95567	Digital Media in Social Context	6cp		32998	.NET Application Development	6ср	
95563	Digital Media Development Process	6cp		32013	.NET Enterprise Development	6cp	l 18 <i>c</i> rs
95564 95565	Digital Media Technologies Digital Graphics and the Still Image	6cp				1018	l 18cp
95566	Digital Information and Interaction Design	6ср 6ср		CBK9033	36 Specialisation choice		
95568	Digital Sound and the Moving Image	6ср			credit points from the following options:		30cp
32147	Introduction to IT Management	6ср		STM90473	3 Human-centred Design	30cp	-
32146 32405	Data Visualisation and Visual Analytics	6cp			4 Data Mining	30cp	
32405	User-Centred Design Methods Fundamentals of Data Analytics	6ср 6ср			5 Software Engineering 6 IT Management	30ср 30ср	
32148	Enterprise Computing	6ср			7 e-Business Technology	30cp	
32998	.NET Application Development	6cp			9 Computer Graphics and Gaming	30cp	
32013	.NET Enterprise Development	6cp	1 12 <i>c</i> n			Tota	l 30cp
		1018	l 12cp	CBK9033	38 Electives		

CBK90338 ElectivesFree choice of electives.

CBK903	39 Electives (Adult Education)			CBK9034	22 Community choice		
	credit points from the following options:		48cp		credit points from the following options:		24cp
013081	Aboriginal Studies Project	6ср	40СР	013081	Aboriginal Studies Project	6ср	24CP
013081	Aboriginal Social and Political History			013081	Aboriginal Social and Political History		
013082		6ср		013082		6ср	
013097	Human Resource Development in	6cn		013097	Human Resource Development in Organisations	6cn	
012000	Organisations	6cp		012000		6cp	
013099	Individualised Project 1	6cp		013099	Individualised Project 1	6cp	
013102	Introduction to Language	6cp		013103	Issues in Aboriginal Education	6cp	
013103	Issues in Aboriginal Education	6ср		013115	Professional Practice and Changing Work	6cp	
013110	Programming and Assessment in Language			013124	Work and People	6cp	
04044	Literacy and Numeracy	6cp		013148	Initiatives in Aboriginal Education	6cp	
013115	Professional Practice and Changing Work	6cp		013151	Project Management	6ср	
013118	Teaching and Learning Literacy	6ср		013152	Individual Difference and Vocational		
013124	Work and People	6ср			Education Teaching	6ср	
013148	Initiatives in Aboriginal Education	6ср		013958	Language Teaching Methodology	6ср	
013149	The Language Literacy and Numeracy			013960	Individual Communication in the		
	Learner	6ср			Workplace	6ср	
013151	Project Management	6ср		013961	Team Communication in the Workplace	6ср	
013958	Language Teaching Methodology	6ср		013963	Cultural Diversity at Work	6ср	
013960	Individual Communication in the			013966	e-Learning Experiences	6ср	
	Workplace	6ср		013967	e-Learning Design	6ср	
013963	Cultural Diversity at Work	6ср		013972	Organisational Learning	6ср	
013967	e-Learning Design	6ср		013976	Strategic Human Resource Development	6ср	
013971	Teaching and Learning Numeracy	6ср		013979	Organisational Learning and Change:	•	
013972	Organisational Learning	6ср			Local and Global	6ср	
013975	Designing and Developing Simulations	1		013981	Teaching Aboriginal Studies	6ср	
	and Games	6ср			0 0		124cp
013976	Strategic Human Resource Development	6ср					-1
013979	Organisational Learning and Change:	··r		CBK9034	5 Electives		
010777	Local and Global	6ср			edit points from the following options:		8cn
013981	Teaching Aboriginal Studies	6ср		57026	Strategic Communication and Negotiation	San	8ср
013961	Team Communication in the Workplace	6cp				8cp	
010701	ream communication in the workplace		l 48cp	57182	Rethinking Media	8cp	
		1014	1 40СР	57131	Inventive Media Advertising	8cp	
CBK6U3	40 Subject choice (Adult Education)			57132	Media Relations	8cp	
			40	57995	Learning in Organisations	8cp	1.0
	credit points from the following options:	_	48cp			lot	al 8cp
015033	Programming for Community Learning	6cp		001/000/			
015189	Facilitating Learning	6cp			6 Master's option		
010140	Exchange Elective 1 (Education)	6cp			credit points from the following options:		16ср
010141	Exchange Elective 2 (Education)	6ср		STM90777	⁷ Master's option with project	16cp	
010142	Exchange Elective 3 (Education)	6ср		STM90484	Master's option without project	16cp	
010143	Exchange Elective 4 (Education)	6ср				Tota	l 16cp
		Total	l 48cp				•
				CBK9034	7 Master's option with project		
CBK903	41 Electives (Adult Education)				e of electives.		
Select 6 c	redit points from the following options:		6ср	Tree chore	.c 01 010011 (0)		
013081	Aboriginal Studies Project	6ср	1	CBK9034	48 Electives		
013082	Aboriginal Social and Political History	6cp			edit points from the following options:		0
013097	Human Resource Development in	I			0.1	0	8cp
010077	Organisations	6ср		57026	Strategic Communication and Negotiation	8cp	
013099	Individualised Project 1	6cp		57131	Inventive Media Advertising	8cp	
013102	Introduction to Language	6ср		57132	Media Relations	8cp	
013103	Issues in Aboriginal Education	6ср		57997	Professional Communication Project	8cp	
013110	Programming and Assessment in Language	оср		57995	Learning in Organisations	8cp	
013110		6cn				Tot	al 8cp
012115	Literacy and Numeracy	6cp					
013115	Professional Practice and Changing Work	6cp		CBK9035	50 Electives		
013118	Teaching and Learning Literacy	6cp		Select 24 c	credit points from the following options:		24cp
013124	Work and People	6cp		57989	Mise-en-Scene	8cp	-
013148	Initiatives in Aboriginal Education	6ср		57046	Professional Editing	8cp	
013149	The Language Literacy and Numeracy			57053	Book Publishing and Marketing	8cp	
	Learner	6ср		57101	Advanced Screenwriting	8cp	
013151	Project Management	6ср		57122	Short Fiction Workshop	8cp	
013958	Language Teaching Methodology	6ср		57124	Novel Writing	8cp	
013960	Individual Communication in the			57133	Writing Poetry	8cp	
	Workplace	6ср		57031	Non-fiction Writing	8ср	
013961	Team Communication in the Workplace	6ср		57041	Narrative Writing	8cp	
013963	Cultural Diversity at Work	6ср		57041	Feature Writing	8cp	
013967	e-Learning Design	6ср		57142	Writing for the Screen	8ср	
013971	Teaching and Learning Numeracy	6ср		57142			
013972	Organisational Learning	6ср			Popular Fiction	8cp	
013975	Designing and Developing Simulations			57145	Freelance Writing	8cp	104
	and Games	6ср				iota	1 24cp
013976	Strategic Human Resource Development	6ср		CDMCCC	11 Weiting streets shairs		
013979	Organisational Learning and Change:	T			51 Writing stream choice		
		6ср			credit points from the following options:		16cp
	Local and Global			OFF FOOD (1 (
013981	Local and Global Teaching Aboriginal Studies			S1M90360) Writing stream	16cp	
013981 013151	Teaching Aboriginal Studies	6ср		S1M90360) Writing stream		116ср
013981 013151		6cp 6cp	al 6cp				116ср
	Teaching Aboriginal Studies	6cp 6cp	al 6cp		O Writing stream 52 Electives		l 16cp

Free choice of electives.

CBK9035	64 Major core subject choice			CBK903	59 Core subject choice (Group A)	
	edit points from the following options:		6ср		credit points from the following options:	18cp
49261	Biomedical Instrumentation	6ср	1	49049	Air and Noise Pollution	6ср
49274	Advanced Robotics	6ср		49109	Engineered Natural Water Treatment	_
49275	Neural Networks and Fuzzy Logic	6cp	1.6	40101	Systems	6ср
		1012	ıl 6cp	49121 49122	Environmental Assessment and Planning Ecology and Sustainability	6ср 6ср
CBK9035	5 Major core subject choice			49123	Waste and Pollution Management	6cp
	redit points from the following options:		18ср	49125	Environmental Risk Assessment	6cp
49021	Evaluation of Infrastructure		···I	49126	Environmental Management of Land	6ср
	Investments	6ср		49127	On-site Water and Wastewater Treatment	6ср
49022	Energy Resources and Technology	6cp		49116 49257	Contaminated Site and Waste Remediation	6cp
49024 49025	Energy Modelling Methods for Energy Analysis	6cp		49237	Geographic Information Systems	6cp Total 18cp
49026	Electricity Sector Planning and	6ср				10ш 10ср
	Restructuring	6ср		CBK903	360 Electives choice (Group B)	
49027	Energy Demand Analysis and Forecasting	6ср		Select 6 c	credit points from the following options:	6ср
49028	Policy and Planning of Energy			49001	Judgment and Decision Making	6ср
49029	Conservation	6cp		49002 49003	Managing Projects Economic Evaluation	6cp
49706	Environmental Policy for Energy Systems Regulatory Economics	6ср 6ср		49108	Local Government Powers and Practice	6ср 6ср
49023	Energy and Environmental Economics	6ср		17100	Local Government I owers and I ractice	Total 6cp
	07	Total	18cp			1
001/0005					861 Software option	
	6 Major core subject choice				credit points from the following options:	18cp
	edit points from the following options:	(6ср	48024	Applications Programming	6cp
49202 49238	Communication Protocols Telecommunication Networks	6ср		48440 48433	Software Engineering Practice Software Architecture	6ср 6ср
47230	Management	6ср		40433	Software Architecture	Total 18cp
49048	Wireless Networking Technologies	6ср				_F
49201	Integrated Services Networks	6ср		CBK903	362 Digital Electronics option	
49215	Telecommunications Industry				credit points from the following options:	18cp
40240	Management	6cp		48520	Electronics and Circuits	6ср
49249 42902	Telecommunications Engineering Review Interior Routing and High Availability	6ср 6ср		48451 48570	Advanced Digital Systems	6cp
42903	Multi Protocol Label Switching	6ср		40370	Data Acquisition and Distribution	6cp Total 18cp
	U	Tota	ıl 6cp			10ш 10ср
0.0000				CBK903	863 Embedded Systems option	
	77 Major subject choice			Select 18	credit points from the following options:	18cp
Select 6 cr 49202	edit points from the following options:	6 010	6ср	48430	Embedded C	6ср
49202	Communication Protocols Telecommunication Networks	6ср		48434	Embedded Software	6cp
17200	Management	6ср		48450	Real-time Operating Systems	6cp Total 18cp
49048	Wireless Networking Technologies	6cp				rotar rocp
49201	Integrated Services Networks	6ср		CBK903	864 Signals option	
49215	Telecommunications Industry	(Select 18	credit points from the following options:	18cp
49249	Management Telecommunications Engineering Review	6ср 6ср		48770	Continuous Communications	6ср
49262	Web Technologies	6ср		48771 48780	Discrete Communications Mehilo Communications	6cp
49263	Software Analysis and Design	6ср		40/00	Mobile Communications	6cp Total 18cp
32570	Enterprise Software Architecture and	-				rotar rocp
42002	Middleware	6cp		CBK903	865 Networks option	
42902 42903	Interior Routing and High Availability Multi Protocol Label Switching	6cp		Select 18	credit points from the following options:	18cp
42903	With Trotocol Laber 5 witching	6cp Tota	ıl 6cp	48740	Communications Networks	6ср
		1011	и оср	48730	Authentication and System Security	6cp
CBK9035	8 Major subject choice			48750	Network Planning and Management	6cp Total 18cp
Select 12 c	redit points from the following options:		12cp			iotai iocp
49205	Transmission Systems	6ср		CBK903	366 ICT choice	
49215	Telecommunications Industry	(Select 18	credit points from the following options:	18cp
49048	Management Wireless Networking Technologies	6ср 6ср		48024	Applications Programming	6ср
49099	GSM, GPRS and EDGE Technologies	6ср		48440	Software Engineering Practice	6ср
49201	Integrated Services Networks	6ср		48433 48520	Software Architecture Electronics and Circuits	6cp
49238	Telecommunication Networks	_		48451	Advanced Digital Systems	6ср 6ср
40040	Management	6cp		48570	Data Acquisition and Distribution	6ср
49249 49223	Telecommunications Engineering Review	6cp		48430	Embedded C	6cp
ユ クムムJ	Satellite Communication Systems	6cp Total	12cp	48434	Embedded Software	6ср
		1000	r	48450	Real-time Operating Systems	6cp
				48770 48771	Continuous Communications Discrete Communications	6ср 6ср
				48780	Mobile Communications	6ср
				48740	Communications Networks	6cp
				48730	Authentication and System Security	6ср
				48750	Network Planning and Management	6cp
						Total 18cp

CBK903	67 ICT choice			CBK9037	72 Media Arts choice		
	credit points from the following options:		12cp		edit points from the following options:		8ср
48024	Applications Programming	6ср	12cp	57175	Creative Producing	8ср	оср
48440	Software Engineering Practice	6ср		57989	Mise-en-Scene	8ср	
48433	Software Architecture	6ср		57061	Issues in Documentary	8cp	
48520	Electronics and Circuits	6ср		57176	Directing	8cp	
48451	Advanced Digital Systems	6ср		57173	Advanced Post Production	8cp	
48570	Data Acquisition and Distribution	6ср		57168	Sound and Interaction	8cp	
48430	Embedded C	6cp		57166	Documentary Production	8cp	
48434	Embedded Software	6cp		57178	Digital and Multiplatform Storytelling	8cp	
48450	Real-time Operating Systems	6cp		57179	Project Development and Creative Practice	8cp	
48770	Continuous Communications	6ср			, 1		tal 8cp
48771	Discrete Communications	6ср					-
48780	Mobile Communications	6ср		CBK9037	73 Sub-major choice		
48740	Communications Networks	6ср		Select 24 c	credit points from the following options:		24cp
48730	Authentication and System Security	6ср		SMJ01043	Business Information Systems		1
48750	Network Planning and Management	6ср			Management	24cp	
		Total	12cp	SMJ01044	Enterprise Systems Development	24cp	
0.01/000	/0.10T 1			SMJ01045	Internetworking and Applications	24cp	
	68 ICT choice			SMJ01046	Computing and Data Analysis	24cp	
	redit points from the following options:		6ср			Tota	ıl 24cp
48024	Applications Programming	6ср					
48440	Software Engineering Practice	6ср		CBK9037	76 Sub-major/Four electives		
48433	Software Architecture	6ср		Select 24 c	credit points from the following options:		24cp
48520	Electronics and Circuits	6ср		CBK90190) Electives	24cp	-
48451	Advanced Digital Systems	6ср		SMJ08203	Event Management	24cp	
48570	Data Acquisition and Distribution	6cp				Tota	ıl 24cp
48430	Embedded C	6cp					
48434	Embedded Software	6cp			77 Property options (PG)		
48450	Real-time Operating Systems	6cp			credit points from the following options:		12cp
48770	Continuous Communications	6ср		12515	Strategic Asset Management	6ср	
48771 48780	Discrete Communications Mehile Communications	6cp		15241	Urban Economics and Finance	6ср	
48740	Mobile Communications Communications Networks	6cp		17551	Property Market and Risk Analysis	6ср	
48730	Authentication and System Security	6ср 6ср		17772	Commercial Retail Property Management	6ср	
48750	Network Planning and Management	6ср		17703	Property Taxation	6ср	
40750	rvetwork i fariting and management		al 6cp	15315	Project Management Principles	6cp	
		100	и оср	17774	Green Building Evaluation	6cp	
CBK903	69 Family Law subject choice			17553	Construction Cost Planning	6cp	
	redit points from the following options:		8ср	171200	Conservation and Heritage	6cp	
78128	Child Law in Australia	8ср	оср	15321 15322	Workplace Ecology	6cp	
78130	Complex Parenting Disputes	8cp		15322	Engineering Services and Systems Project Procurement and Risk Management	6cp	
78132	Complex Financial and Property Disputes	оср		15313	Facility Obsolescence		
70102	(in Family Law)	8ср		15312	Communication and Critical Thinking	6cp 6cp	
78134	Current Issues in Family Law	8cp		15222	Urban Design	6ср	
78140	International and Comparative Family	o or		15145	Development Negotiation	6ср	
	Law	8ср		15301	Planning Theory and Decision Making	6ср	
78142	New Families, New Technologies	8cp		17518	Advanced Property Development	6ср	
78139	Family Dispute Resolution	8cp		17704	Property Development Finance	6ср	
	, 1		al 8cp	15316	Project Time, Cost and Quality Managemer		
			-	17775	Land Acquisition Statutory Valuation and	1	
CBK903	70 Dispute Resolution subject choice				Litigation	6ср	
Select 8 c	redit points from the following options:		8cp	12535	Valuation Application	6ср	
78127	Advanced Mediation	8cp			**		ıl 12cp
78137	Facilitation	8cp					•
78139	Family Dispute Resolution	8ср		CBK9037	78 Sub-major choice (SMD)		
78143	Psychology and Dispute Resolution	8ср		Select 24 c	credit points from the following options:		24cp
78100	Postgraduate Legal Research	8cp		CBK90379	No specified sub-major (SMD)	24cp	-
78171	Crisis Negotiation	8cp		SMJ10037	Composition	24cp	
78175	Negotiation	8cp		SMJ10038	Interaction Design	24cp	
78174	Mediation Practice	8cp				Tota	ıl 24cp
78124	Dispute Resolution in Commerce	8ср					
77800	International Commercial Dispute	0		CBK9037	79 No specified sub-major (SMD)		
	Resolution	8cp	1.0	Select 24 c	credit points from the following options:		24cp
		Iota	al 8cp	50839	Sound for Time-based Media	6ср	•
CDKOO	71 Modia Production			50842	Electro-acoustic Composition	6ср	
	71 Media Production		0.	50843	Live Sound	6ср	
	redit points from the following options:	0 -	8ср	50844	Musical Instrument Design	6ср	10:
57173	Advanced Post Production	8cp				Tota	ıl 24cp
57175 57176	Creative Producing	8cp		081/222	00 El - 15 (CME)		
57176 57168	Directing Sound and Interaction	8cp			30 Electives (SMD)		
57168 57166	Sound and Interaction Documentary Production	8cp		Free choic	e of electives.		
57178	Digital and Multiplatform Storytelling	8ср 8ср					
57176	Project Development and Creative Practice	8ср					
0,11)	2.10,000 Development and eledave i factice		al 8cp				
			Т				

CBK9038	1 Elective choice (Finance)			76069	Community Justice Studies	6ср	
Select 18 c	redit points from the following options:		18cp	76070	Biomedical Law and Bioethics	6cp	
25762	Synthetic Financial Products	6ср	-	76074	Australian Civil Liberties Law	6cp	
25763	Corporate Treasury Management	6cp		76075 76076	Contemporary Legal Studies 1 Contemporary Legal Studies 2	6ср 6ср	
25796 25751	Personal Wealth Management	6cp		76080	Finance Law	6ср	
25752	Financial Institution Management Financial Institution Lending	6ср 6ср		76081	Gender, Law and Sexuality	6cp	
77947	Companies and Securities Law	6ср		76082	International Regulation of Financial	1	
25732	Venture Capital and Private Equity:	1			Institutions	6ср	
	Theory and Practice	6cp		76112	Conflict of Laws	6cp	
25728	Bond Portfolio Management	6cp		76115 76212	Insolvency Revenue Law	6ср 6ср	
25729	Applied Portfolio Management	6cp		76516	Family Law	6ср	
25812 25824	Fundraising in International Markets Project Financing	3ср 3ср		76517	Succession	6ср	
25764	Venture Capital Finance	3ср		76521	Intellectual Property and Traditional	1	
25807	Mergers and Acquisitions	3ср			Knowledge	6ср	
25809	Technical Analysis	3ср		76703	Indigenous Peoples, the Environment and		
25818	Real Estate Finance and Investment	3ср		76801	Property Exchange Subject 1	6cp	
25797	Real Estate Investment Trusts	Зср		76801	Exchange Subject 1 Exchange Subject 2	6ср 6ср	
25798	Ethics and Professional Standards in Finance		19 <i>a</i> p	76803	Exchange Subject 3	6ср	
		Total	тоср	76804	Exchange Subject 4	6cp	
CBK9038	2 Electives choice			76901	Vis Arbitral Moot	6cp	
	redit points from the following options:		18ср	76902	Law and Literature	6ср	
21722	Leadership, Coaching and Mentoring	6ср	r	76903	International Commercial Transactions	6cp	
21854	Innovation and Entrepreneurship	6cp		77704	European Union Law	6cp	
21012	Governance and Sustainability	6ср		77715 77740	Banking Law Research Paper	6ср 6ср	
21008	Management Consulting	6cp		77794	International Environmental Law	6ср	
77942	Legal Aspects of Contracts Administration	6cp		77901	Securities Markets Law	6ср	
CDK90387	Electives (Law/Business)	6cp Total	18cn	78008	Law of the Sea	6cp	
		iotai	тоср	78013	Refugee Law and Practice	6ср	
CBK9038	3 Options			78021	Contemporary Issues in Constitutional		
	redit points from the following options:		42cp	70005	Law	6cp	
76001	Comparative Law	6ср	1	78025 78030	Intellectual Property: Law and Policy Criminal Sentencing Law	6ср 6ср	
76002	Sports Law	6ср		78039	Wickedness and Vice	6ср	
76003	Asian Law and Legal Systems	6cp		78040	The Law and Education	6ср	
76005	Islamic Law	6cp		78042	Environmental Planning and	1	
76006 76007	Public International Law International Human Rights Law	6cp			DevelopmentLaw	6ср	
76007	Jurisprudence	6ср 6ср		76043	Building and Construction Law	6ср	
76009	Introduction to Chinese Business Law	6ср		76056	Intellectual Property Commercialisation	(
76010	Disability and the Law	6cp			Overview	6cp Total	l 42cp
76012	Criminology	6ср				Total	142CP
76013	World Trade Law	6cp		CBK9038	4 Electives (Operations and Supply Chai	in	
76015 76016	Labour Law	6cp		Managem			
76016 76019	Advanced Revenue Law Broadcasting and Telecommunications	6ср		-	redit points from the following options:		18cp
				21745	Service Operations Management		1
70019	. 0	6cp		21/ 1 3		6ср	
	Regulation Entertainment Law	6ср 6ср		21811	Global Strategic Management	6ср 6ср	
76020 76021	Regulation	6ср 6ср 6ср		21811 21832	Global Strategic Management Managing for Sustainability	6ср 6ср	
76020 76021 76022	Regulation Entertainment Law Advanced Remedies Insurance Law	6ср		21811 21832 21827	Global Strategic Management Managing for Sustainability Change Management	6cp 6cp 6cp	
76020 76021	Regulation Entertainment Law Advanced Remedies Insurance Law Deceptive Trade Practices and Product	6cp 6cp 6cp		21811 21832 21827 22782	Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP	6cp 6cp 6cp 6cp	
76020 76021 76022 76023	Regulation Entertainment Law Advanced Remedies Insurance Law Deceptive Trade Practices and Product Liability	6cp 6cp 6cp		21811 21832 21827 22782 21854	Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship	6cp 6cp 6cp 6cp 6cp	
76020 76021 76022 76023 76024	Regulation Entertainment Law Advanced Remedies Insurance Law Deceptive Trade Practices and Product Liability Environmental Law	6cp 6cp 6cp 6cp		21811 21832 21827 22782 21854 77942	Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Legal Aspects of Contracts Administration	6cp 6cp 6cp 6cp 6cp	
76020 76021 76022 76023 76024 76025	Regulation Entertainment Law Advanced Remedies Insurance Law Deceptive Trade Practices and Product Liability Environmental Law International Organisations	6cp 6cp 6cp 6cp 6cp 6cp		21811 21832 21827 22782 21854	Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Legal Aspects of Contracts Administration Project Management Principles	6cp 6cp 6cp 6cp 6cp	
76020 76021 76022 76023 76024	Regulation Entertainment Law Advanced Remedies Insurance Law Deceptive Trade Practices and Product Liability Environmental Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp		21811 21832 21827 22782 21854 77942 15315 35340 21779	Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Legal Aspects of Contracts Administration Project Management Principles Quantitative Management Practice Management Skills	6cp 6cp 6cp 6cp 6cp 6cp	
76020 76021 76022 76023 76024 76025 76027 76030 76033	Regulation Entertainment Law Advanced Remedies Insurance Law Deceptive Trade Practices and Product Liability Environmental Law International Organisations Competition Law	6cp 6cp 6cp 6cp 6cp 6cp		21811 21832 21827 22782 21854 77942 15315 35340	Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Legal Aspects of Contracts Administration Project Management Principles Quantitative Management Practice	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	
76020 76021 76022 76023 76024 76025 76027 76030 76033 76034	Regulation Entertainment Law Advanced Remedies Insurance Law Deceptive Trade Practices and Product Liability Environmental Law International Organisations Competition Law Genetics and the Law Animal Law and Policy in Australia Law of Slavery and Human Trafficking	6cp 6cp 6cp 6cp 6cp 6cp 6cp		21811 21832 21827 22782 21854 77942 15315 35340 21779	Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Legal Aspects of Contracts Administration Project Management Principles Quantitative Management Practice Management Skills	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	l 18cp
76020 76021 76022 76023 76024 76025 76027 76030 76033	Regulation Entertainment Law Advanced Remedies Insurance Law Deceptive Trade Practices and Product Liability Environmental Law International Organisations Competition Law Genetics and the Law Animal Law and Policy in Australia Law of Slavery and Human Trafficking International Trade Law and the	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		21811 21832 21827 22782 21854 77942 15315 35340 21779 21877	Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Legal Aspects of Contracts Administration Project Management Principles Quantitative Management Practice Management Skills Strategic Procurement	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 5cp	! 18cp
76020 76021 76022 76023 76024 76025 76027 76030 76033 76034 76036	Regulation Entertainment Law Advanced Remedies Insurance Law Deceptive Trade Practices and Product Liability Environmental Law International Organisations Competition Law Genetics and the Law Animal Law and Policy in Australia Law of Slavery and Human Trafficking International Trade Law and the Environment	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		21811 21832 21827 22782 21854 77942 15315 35340 21779 21877	Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Legal Aspects of Contracts Administration Project Management Principles Quantitative Management Practice Management Skills Strategic Procurement	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 5cp	l 18cp
76020 76021 76022 76023 76024 76025 76027 76030 76033 76034 76036	Regulation Entertainment Law Advanced Remedies Insurance Law Deceptive Trade Practices and Product Liability Environmental Law International Organisations Competition Law Genetics and the Law Animal Law and Policy in Australia Law of Slavery and Human Trafficking International Trade Law and the Environment Advanced Criminal Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		21811 21832 21827 22782 21854 77942 15315 35340 21779 21877 CBK9038 Manager	Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Legal Aspects of Contracts Administration Project Management Principles Quantitative Management Practice Management Skills Strategic Procurement 5 Electives (Operations and Supply Chainent)	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 5cp	•
76020 76021 76022 76023 76024 76025 76027 76030 76033 76034 76036	Regulation Entertainment Law Advanced Remedies Insurance Law Deceptive Trade Practices and Product Liability Environmental Law International Organisations Competition Law Genetics and the Law Animal Law and Policy in Australia Law of Slavery and Human Trafficking International Trade Law and the Environment Advanced Criminal Law Law and Mental Health	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		21811 21832 21827 22782 21854 77942 15315 35340 21779 21877 CBK9038 Managem Select 42 cm	Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Legal Aspects of Contracts Administration Project Management Principles Quantitative Management Practice Management Skills Strategic Procurement 5 Electives (Operations and Supply Chainent) redit points from the following options:	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total	l 18cp 42cp
76020 76021 76022 76023 76024 76025 76027 76030 76033 76034 76036	Regulation Entertainment Law Advanced Remedies Insurance Law Deceptive Trade Practices and Product Liability Environmental Law International Organisations Competition Law Genetics and the Law Animal Law and Policy in Australia Law of Slavery and Human Trafficking International Trade Law and the Environment Advanced Criminal Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		21811 21832 21827 22782 21854 77942 15315 35340 21779 21877 CBK9038 Managerr Select 42 cd 21745	Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Legal Aspects of Contracts Administration Project Management Principles Quantitative Management Practice Management Skills Strategic Procurement 5 Electives (Operations and Supply Chainent) redit points from the following options: Service Operations Management	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total	•
76020 76021 76022 76023 76024 76025 76027 76030 76033 76034 76036 76037 76038 76039	Regulation Entertainment Law Advanced Remedies Insurance Law Deceptive Trade Practices and Product Liability Environmental Law International Organisations Competition Law Genetics and the Law Animal Law and Policy in Australia Law of Slavery and Human Trafficking International Trade Law and the Environment Advanced Criminal Law Law and Mental Health Jessup International Moot Research Thesis Climate Law and Carbon Markets	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		21811 21832 21827 22782 21854 77942 15315 35340 21779 21877 CBK9038 Managem Select 42 cm	Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Legal Aspects of Contracts Administration Project Management Principles Quantitative Management Practice Management Skills Strategic Procurement 5 Electives (Operations and Supply Chainent) redit points from the following options: Service Operations Management Global Strategic Management	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total	•
76020 76021 76022 76023 76024 76025 76027 76030 76033 76034 76036 76037 76038 76039 76040	Regulation Entertainment Law Advanced Remedies Insurance Law Deceptive Trade Practices and Product Liability Environmental Law International Organisations Competition Law Genetics and the Law Animal Law and Policy in Australia Law of Slavery and Human Trafficking International Trade Law and the Environment Advanced Criminal Law Law and Mental Health Jessup International Moot Research Thesis Climate Law and Carbon Markets Electronic Communications Content	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		21811 21832 21827 22782 21854 77942 15315 35340 21779 21877 CBK9038 Managen Select 42 ct 21745 21811 21832 21827	Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Legal Aspects of Contracts Administration Project Management Principles Quantitative Management Practice Management Skills Strategic Procurement 5 Electives (Operations and Supply Chainent) redit points from the following options: Service Operations Management Global Strategic Management Managing for Sustainability Change Management	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 5cp 6cp 6cp 6cp 6cp	•
76020 76021 76022 76023 76024 76025 76027 76030 76033 76034 76036 76037 76038 76039 76040 76041 76042	Regulation Entertainment Law Advanced Remedies Insurance Law Deceptive Trade Practices and Product Liability Environmental Law International Organisations Competition Law Genetics and the Law Animal Law and Policy in Australia Law of Slavery and Human Trafficking International Trade Law and the Environment Advanced Criminal Law Law and Mental Health Jessup International Moot Research Thesis Climate Law and Carbon Markets Electronic Communications Content Regulation	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		21811 21832 21827 22782 21854 77942 15315 35340 21779 21877 CBK9038 Managerr Select 42 ct 21745 21811 21832 21827 22782	Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Legal Aspects of Contracts Administration Project Management Principles Quantitative Management Practice Management Skills Strategic Procurement 5 Electives (Operations and Supply Chainent) redit points from the following options: Service Operations Management Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 5cp 6cp 6cp 6cp 6cp 6cp	•
76020 76021 76021 76022 76023 76024 76025 76027 76030 76033 76034 76036 76037 76038 76039 76040 76041 76042	Regulation Entertainment Law Advanced Remedies Insurance Law Deceptive Trade Practices and Product Liability Environmental Law International Organisations Competition Law Genetics and the Law Animal Law and Policy in Australia Law of Slavery and Human Trafficking International Trade Law and the Environment Advanced Criminal Law Law and Mental Health Jessup International Moot Research Thesis Climate Law and Carbon Markets Electronic Communications Content Regulation Medicine and Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		21811 21832 21827 22782 21854 77942 15315 35340 21779 21877 CBK9038 Manager Select 42 ct 21745 21811 21832 21827 22782 21854	Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Legal Aspects of Contracts Administration Project Management Principles Quantitative Management Practice Management Skills Strategic Procurement 5 Electives (Operations and Supply Chainent) redit points from the following options: Service Operations Management Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	•
76020 76021 76021 76022 76023 76024 76025 76027 76030 76033 76034 76036 76037 76038 76039 76040 76041 76042	Regulation Entertainment Law Advanced Remedies Insurance Law Deceptive Trade Practices and Product Liability Environmental Law International Organisations Competition Law Genetics and the Law Animal Law and Policy in Australia Law of Slavery and Human Trafficking International Trade Law and the Environment Advanced Criminal Law Law and Mental Health Jessup International Moot Research Thesis Climate Law and Carbon Markets Electronic Communications Content Regulation Medicine and Law Advanced Contracts	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		21811 21832 21827 22782 21854 77942 15315 35340 21779 21877 CBK9038 Managerr Select 42 ct 21745 21811 21832 21827 22782 21854 15315	Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Legal Aspects of Contracts Administration Project Management Principles Quantitative Management Practice Management Skills Strategic Procurement 5 Electives (Operations and Supply Chainent) redit points from the following options: Service Operations Management Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Project Management Principles	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	•
76020 76021 76021 76022 76023 76024 76025 76027 76030 76033 76034 76036 76037 76038 76039 76040 76041 76042	Regulation Entertainment Law Advanced Remedies Insurance Law Deceptive Trade Practices and Product Liability Environmental Law International Organisations Competition Law Genetics and the Law Animal Law and Policy in Australia Law of Slavery and Human Trafficking International Trade Law and the Environment Advanced Criminal Law Law and Mental Health Jessup International Moot Research Thesis Climate Law and Carbon Markets Electronic Communications Content Regulation Medicine and Law Advanced Contracts Citizenship and Immigration Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		21811 21832 21827 22782 21854 77942 15315 35340 21779 21877 CBK9038 Managerr Select 42 cr 21745 21811 21832 21827 22782 21854 15315 77942	Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Legal Aspects of Contracts Administration Project Management Principles Quantitative Management Practice Management Skills Strategic Procurement 5 Electives (Operations and Supply Chainent) redit points from the following options: Service Operations Management Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Project Management Principles Legal Aspects of Contracts Administration	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total in	•
76020 76021 76021 76022 76023 76024 76025 76027 76030 76033 76034 76036 76037 76038 76039 76040 76041 76042	Regulation Entertainment Law Advanced Remedies Insurance Law Deceptive Trade Practices and Product Liability Environmental Law International Organisations Competition Law Genetics and the Law Animal Law and Policy in Australia Law of Slavery and Human Trafficking International Trade Law and the Environment Advanced Criminal Law Law and Mental Health Jessup International Moot Research Thesis Climate Law and Carbon Markets Electronic Communications Content Regulation Medicine and Law Advanced Contracts Citizenship and Immigration Law Dispute Resolution Advocacy Industrial Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		21811 21832 21827 22782 21854 77942 15315 35340 21779 21877 CBK9038 Managerr Select 42 ct 21745 21811 21832 21827 22782 21854 15315 77942 35340	Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Legal Aspects of Contracts Administration Project Management Principles Quantitative Management Practice Management Skills Strategic Procurement 5 Electives (Operations and Supply Chainent) redit points from the following options: Service Operations Management Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Project Management Principles Legal Aspects of Contracts Administration Quantitative Management Practice	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total in	•
76020 76021 76021 76022 76023 76024 76025 76027 76030 76033 76034 76036 76037 76038 76039 76040 76041 76042 76045 76047 76048 76052 76053 76063	Regulation Entertainment Law Advanced Remedies Insurance Law Deceptive Trade Practices and Product Liability Environmental Law International Organisations Competition Law Genetics and the Law Animal Law and Policy in Australia Law of Slavery and Human Trafficking International Trade Law and the Environment Advanced Criminal Law Law and Mental Health Jessup International Moot Research Thesis Climate Law and Carbon Markets Electronic Communications Content Regulation Medicine and Law Advanced Contracts Citizenship and Immigration Law Dispute Resolution Advocacy Industrial Law Media Law Media Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		21811 21832 21827 22782 21854 77942 15315 35340 21779 21877 CBK9038 Managerr Select 42 ct 21745 21811 21832 21827 22782 21854 15315 77942 35340	Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Legal Aspects of Contracts Administration Project Management Principles Quantitative Management Practice Management Skills Strategic Procurement 5 Electives (Operations and Supply Chainent) redit points from the following options: Service Operations Management Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Project Management Principles Legal Aspects of Contracts Administration Quantitative Management Practice Electives (Law/Business)	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	•
76020 76021 76021 76022 76023 76024 76025 76027 76030 76033 76034 76036 76037 76038 76040 76041 76042 76045 76047 76048 76052 76053 76063 76066	Regulation Entertainment Law Advanced Remedies Insurance Law Deceptive Trade Practices and Product Liability Environmental Law International Organisations Competition Law Genetics and the Law Animal Law and Policy in Australia Law of Slavery and Human Trafficking International Trade Law and the Environment Advanced Criminal Law Law and Mental Health Jessup International Moot Research Thesis Climate Law and Carbon Markets Electronic Communications Content Regulation Medicine and Law Advanced Contracts Citizenship and Immigration Law Dispute Resolution Advocacy Industrial Law Media Law Children and the Law Children and the	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		21811 21832 21827 22782 21854 77942 15315 35340 21779 21877 CBK9038 Managerr Select 42 ct 21745 21811 21832 21827 22782 21854 15315 77942 35340 CBK90387	Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Legal Aspects of Contracts Administration Project Management Principles Quantitative Management Practice Management Skills Strategic Procurement 5 Electives (Operations and Supply Chainent) redit points from the following options: Service Operations Management Global Strategic Management Managing for Sustainability Change Management Business Process Integration with ERP Innovation and Entrepreneurship Project Management Principles Legal Aspects of Contracts Administration Quantitative Management Practice	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total in	•
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CBK903	86 Electives (HRM)			92932	Management for Clinicians	6ср	
Select 18	credit points from the following options:		18cp	92947	Project Part B	6cp	
77942	Legal Aspects of Contracts Administration	6an	тоср	92022	Improving Quality and Safety in Health	1	
21741		6cp			Care	6ср	
	Managing Operations	6cp		77734	Law and Medicine	6ср	
21854	Innovation and Entrepreneurship	6cp		78144	Contemporary Issues in Health Law	8cp	
21856	Career and Portfolio Development	6cp		78104	Genetics and the Law		
21811	Global Strategic Management	6ср				8cp	
21832	Managing for Sustainability	6ср		78150	Law and Mental Health	6cp	
CBK9038	7 Electives (Law/Business)	6ср		79708	Contemporary Business Law	6ср	
		Total	18ср	78146	Dilemmas in Biomedical Law	8cp	
			-	78143	Psychology and Dispute Resolution	8cp	
CBK903	87 Electives (Law/Business)					Total	12ср
The electi	ves chosen should comprise postgraduate sub	ioata a	nl v	0.71/0.000			
The electi	ves chosen should comprise postgraduate sub	jects 0	iny.		8 Electives		
Complet	ion requirements			Select 12 c	redit points from the following options:		12ср
=				21702	Industrial Relations	6ср	
Free choi	ce of electives.			21717	International Management	6ср	
CDIVOOS	00 Flactives			21760	Performance and Talent Management	6ср	
	88 Electives			21766	Managing Community Organisations	6ср	
Select 12	credit points from the following options:		12cp	24734	Marketing Management	6cp	
92296	Epidemiology and Population Health	6ср		92612	Research in Health	6cp	
92297	Health Systems and Change	6ср		92932	Management for Clinicians	6ср	
92606	Issues in Australian Health Services	6ср		92947	Project Part B	6ср	
92887	Organisational Management in Health Care	6cp		92023	Health Services Resource Management	6ср	
92050	Policy, Power and Politics in Health Care	6cp		72023	ricardi Scrvices Resource ivianagement	Total	12cn
92051	Health Services Management and Legal	ocp				Total	12 c p
J2001	Issues	6ср		CBKOUS	20 Law entions		
	155465		12cp		99 Law options		
		10111	12cp	Free choic	ee of electives.		
CBK903	90 Options			CBKOUY	00 Options (Law)		
	ce of electives.				•		0.4
Ticc choi	ee of electives.				credit points from the following options:		24ср
CDKOUS	01 Ontions				Options A	24cp	
	91 Options			STM90560	Non-Common Law stream	24cp	
	credit points from the following options:		48cp	CBK90419	9 Options	24cp	
		48cp				Total	24cp
STM9079	3 Options	48ср					-
		Total	l 48cp	CBK9040)1 Design Practice subjects (PG)		
					credit points from the following options:		24ср
CBK903	93 Electives Nursing (UG)				3 Visual Communications options	24cp	- rep
Free choi	ce of electives.				Interior Design options	24cp	
Tree crier	ee of electrics.						
				CBMOOAGE		2400	
CBK9U3	9/ Flectives Nursing (IIG)			CBK90405	5 Industrial Design options	24cp	
	94 Electives Nursing (UG)			CBK90405 CBK90406	5 Industrial Design options 5 Fashion and Textiles options	24cp	24cn
	94 Electives Nursing (UG) ce of electives.			CBK90405 CBK90406	6 Industrial Design options 6 Fashion and Textiles options		24ср
Free choi	ce of electives.			CBK90406	6 Fashion and Textiles options	24cp	24ср
Free choi CBK903	ce of electives. 96 Electives		12 00	CBK90406	5 Fashion and Textiles options D2 Design Studies subjects (PG)	24cp Total	
Free choi CBK903 Select 12	76 Electives. 76 Electives Credit points from the following options:	(12cp	CBK90406 CBK9040 Select 24 c	Design Studies subjects (PG) credit points from the following options:	24cp Total	24cp 24cp
CBK903 Select 12 21720	76 Electives. 76 Electives Credit points from the following options: Human Resource Management	6ср	12cp	CBK90406 CBK9040 Select 24 c 85500	Design Studies subjects (PG) credit points from the following options: Design Futures: Creative Technologies	24cp Total	
CBK903 Select 12 21720 92023	96 Electives. 96 Electives credit points from the following options: Human Resource Management Health Services Resource Management	6cp	12cp	CBK90406 CBK9040 Select 24 c 85500 85504	Design Studies subjects (PG) credit points from the following options: Design Futures: Creative Technologies Design Futures: Sustainable Lifestyles	24cp Total 6cp 6cp	
Free choi CBK903 Select 12 21720 92023 26703	96 Electives credit points from the following options: Human Resource Management Health Services Resource Management Introductory Health Economics	6cp 6cp	12cp	CBK90406 CBK9040 Select 24 c 85500 85504 85505	22 Design Studies subjects (PG) Exercise Technologies Design Futures: Creative Technologies Design Futures: Sustainable Lifestyles Design Interventions: Making Theories	24cp Total	
Free choi CBK903 Select 12 21720 92023 26703 92932	96 Electives credit points from the following options: Human Resource Management Health Services Resource Management Introductory Health Economics Management for Clinicians	6cp 6cp 6cp	12cp	CBK90406 Select 24 c 85500 85504 85505 85506	Design Studies subjects (PG) credit points from the following options: Design Futures: Creative Technologies Design Futures: Sustainable Lifestyles Design Interventions: Making Theories Design Differences: Intercultural Asia	24cp Total	
Free choi CBK903 Select 12 21720 92023 26703 92932 92947	96 Electives. 96 Electives credit points from the following options: Human Resource Management Health Services Resource Management Introductory Health Economics Management for Clinicians Project Part B	6cp 6cp 6cp 6cp	12cp	CBK90406 Select 24 c 85500 85504 85505 85506 85509	Design Studies subjects (PG) credit points from the following options: Design Futures: Creative Technologies Design Futures: Sustainable Lifestyles Design Interventions: Making Theories Design Differences: Intercultural Asia Design Differences: Community Identities	24cp Total 6cp 6cp 6cp 6cp 6cp	
CBK903 Select 12 21720 92023 26703 92932 92947 21702	ree of electives. 96 Electives credit points from the following options: Human Resource Management Health Services Resource Management Introductory Health Economics Management for Clinicians Project Part B Industrial Relations	6cp 6cp 6cp 6cp	12cp	CBK90406 Select 24 c 85500 85504 85505 85506 85509 85601	22 Design Studies subjects (PG) credit points from the following options: Design Futures: Creative Technologies Design Futures: Sustainable Lifestyles Design Interventions: Making Theories Design Differences: Intercultural Asia Design Differences: Community Identities Design Interventions: Business Innovation	24cp Total	
Free choi CBK903 Select 12 21720 92023 26703 92932 92947 21702 24734	ree of electives. 96 Electives credit points from the following options: Human Resource Management Health Services Resource Management Introductory Health Economics Management for Clinicians Project Part B Industrial Relations Marketing Management	6cp 6cp 6cp 6cp	12cp	CBK90406 Select 24 c 85500 85504 85505 85506 85509	Design Studies subjects (PG) credit points from the following options: Design Futures: Creative Technologies Design Futures: Sustainable Lifestyles Design Interventions: Making Theories Design Differences: Intercultural Asia Design Differences: Community Identities Design Interventions: Business Innovation Interdisciplinary Design Lab:	24cp Total 6cp 6cp 6cp 6cp 6cp	
Free choi CBK903 Select 12 21720 92023 26703 92932 92947 21702 24734 21760	ree of electives. 96 Electives credit points from the following options: Human Resource Management Health Services Resource Management Introductory Health Economics Management for Clinicians Project Part B Industrial Relations Marketing Management Performance and Talent Management	6cp 6cp 6cp 6cp 6cp 6cp	12cp	CBK90406 Select 24 o 85500 85504 85506 85506 85509 85601 85602	Design Studies subjects (PG) credit points from the following options: Design Futures: Creative Technologies Design Futures: Sustainable Lifestyles Design Differences: Intercultural Asia Design Differences: Community Identities Design Interventions: Business Innovation Interdisciplinary Design Lab: Undergraduate	24cp Total 6cp 6cp 6cp 6cp 6cp	
Free choi CBK903 Select 12 21720 92023 26703 92932 92947 21702 24734 21760 21766	ree of electives. 96 Electives credit points from the following options: Human Resource Management Health Services Resource Management Introductory Health Economics Management for Clinicians Project Part B Industrial Relations Marketing Management Performance and Talent Management Managing Community Organisations	6cp 6cp 6cp 6cp 6cp 6cp 6cp	12cp	CBK90406 Select 24 c 85500 85504 85505 85506 85509 85601	Design Studies subjects (PG) credit points from the following options: Design Futures: Creative Technologies Design Futures: Sustainable Lifestyles Design Interventions: Making Theories Design Differences: Intercultural Asia Design Differences: Community Identities Design Interventions: Business Innovation Interdisciplinary Design Lab: Undergraduate Interdisciplinary Design Experience:	24cp Total 6cp 6cp 6cp 6cp 6cp 6cp	
Free choi CBK903 Select 12 21720 92023 26703 92932 92947 21702 24734 21760 21766 21717	ree of electives. 96 Electives credit points from the following options: Human Resource Management Health Services Resource Management Introductory Health Economics Management for Clinicians Project Part B Industrial Relations Marketing Management Performance and Talent Management	6cp 6cp 6cp 6cp 6cp 6cp	12cp	CBK90406 Select 24 o 85500 85504 85506 85506 85509 85601 85602	Design Studies subjects (PG) credit points from the following options: Design Futures: Creative Technologies Design Futures: Sustainable Lifestyles Design Interventions: Making Theories Design Differences: Intercultural Asia Design Differences: Community Identities Design Interventions: Business Innovation Interdisciplinary Design Lab: Undergraduate Interdisciplinary Design Experience: Undergraduate	24cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp	
Free choi CBK903 Select 12 21720 92023 26703 92932 92947 21702 24734 21760 21766	ree of electives. 96 Electives credit points from the following options: Human Resource Management Health Services Resource Management Introductory Health Economics Management for Clinicians Project Part B Industrial Relations Marketing Management Performance and Talent Management Managing Community Organisations	6cp 6cp 6cp 6cp 6cp 6cp 6cp	12cp	CBK90406 Select 24 o 85500 85504 85506 85506 85509 85601 85602	Design Studies subjects (PG) credit points from the following options: Design Futures: Creative Technologies Design Futures: Sustainable Lifestyles Design Interventions: Making Theories Design Differences: Intercultural Asia Design Differences: Community Identities Design Interventions: Business Innovation Interdisciplinary Design Lab: Undergraduate Interdisciplinary Design Experience:	24cp Total 6cp 6cp 6cp 6cp 6cp 6cp	
Free choi CBK903 Select 12 21720 92023 26703 92932 92947 21702 24734 21760 21766 21717	ree of electives. 96 Electives credit points from the following options: Human Resource Management Health Services Resource Management Introductory Health Economics Management for Clinicians Project Part B Industrial Relations Marketing Management Performance and Talent Management Managing Community Organisations International Management	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	12cp	CBK90406 Select 24 c 85500 85504 85505 85506 85509 85601 85602	Design Studies subjects (PG) credit points from the following options: Design Futures: Creative Technologies Design Futures: Sustainable Lifestyles Design Interventions: Making Theories Design Differences: Intercultural Asia Design Differences: Community Identities Design Interventions: Business Innovation Interdisciplinary Design Lab: Undergraduate Interdisciplinary Design Experience: Undergraduate	24cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp	
Free choi CBK903 Select 12 21720 92023 26703 92932 92947 21702 24734 21760 21766 21717 92887	ree of electives. 96 Electives credit points from the following options: Human Resource Management Health Services Resource Management Introductory Health Economics Management for Clinicians Project Part B Industrial Relations Marketing Management Performance and Talent Management Managing Community Organisations International Management Organisational Management in Health Care	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	12cp	CBK90406 Select 24 c 85500 85504 85505 85506 85509 85601 85602 85603	Design Studies subjects (PG) Tredit points from the following options: Design Futures: Creative Technologies Design Futures: Sustainable Lifestyles Design Interventions: Making Theories Design Differences: Intercultural Asia Design Differences: Community Identities Design Interventions: Business Innovation Interdisciplinary Design Lab: Undergraduate Interdisciplinary Design Experience: Undergraduate Reflective Practice	24cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp	24cp
Free choi CBK903 Select 12 21720 92023 26703 92932 92947 21702 24734 21760 21766 21717 92887 78104	ree of electives. 96 Electives credit points from the following options: Human Resource Management Health Services Resource Management Introductory Health Economics Management for Clinicians Project Part B Industrial Relations Marketing Management Performance and Talent Management Managing Community Organisations International Management Organisational Management in Health Care Genetics and the Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	12cp	CBK90406 Select 24 c 85500 85504 85505 85506 85509 85601 85602 85603	Design Studies subjects (PG) Tredit points from the following options: Design Futures: Creative Technologies Design Futures: Sustainable Lifestyles Design Interventions: Making Theories Design Differences: Intercultural Asia Design Differences: Community Identities Design Interventions: Business Innovation Interdisciplinary Design Lab: Undergraduate Interdisciplinary Design Experience: Undergraduate Reflective Practice	24cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp	24cp
Free choi CBK903 Select 12 21720 92023 26703 92932 92947 21702 24734 21760 21766 21717 92887 78104 78150 79708	ree of electives. 96 Electives credit points from the following options: Human Resource Management Health Services Resource Management Introductory Health Economics Management for Clinicians Project Part B Industrial Relations Marketing Management Performance and Talent Management Managing Community Organisations International Management Organisational Management in Health Care Genetics and the Law Law and Mental Health Contemporary Business Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	12cp	CBK90406 CBK9040 Select 24 c 85500 85504 85505 85506 85509 85601 85602 85603 85604 85701	Design Studies subjects (PG) credit points from the following options: Design Futures: Creative Technologies Design Futures: Sustainable Lifestyles Design Interventions: Making Theories Design Differences: Intercultural Asia Design Differences: Community Identities Design Interventions: Business Innovation Interdisciplinary Design Lab: Undergraduate Interdisciplinary Design Experience: Undergraduate Reflective Practice Research Based Designing	24cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp	24cp
Free choi CBK903 Select 12 21720 92023 26703 92932 92947 21702 24734 21760 21766 21717 92887 78104 78150 79708 78146	ree of electives. 96 Electives credit points from the following options: Human Resource Management Health Services Resource Management Introductory Health Economics Management for Clinicians Project Part B Industrial Relations Marketing Management Performance and Talent Management Managing Community Organisations International Management Organisational Management in Health Care Genetics and the Law Law and Mental Health Contemporary Business Law Dilemmas in Biomedical Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	12cp	CBK90406 CBK9040 Select 24 c 85500 85504 85505 85506 85509 85601 85602 85603 85604 85701 CBK9040	D2 Design Studies subjects (PG) credit points from the following options: Design Futures: Creative Technologies Design Futures: Sustainable Lifestyles Design Interventions: Making Theories Design Differences: Intercultural Asia Design Differences: Community Identities Design Interventions: Business Innovation Interdisciplinary Design Lab: Undergraduate Interdisciplinary Design Experience: Undergraduate Reflective Practice Research Based Designing	24cp Total 6cp 6cp 6cp 6cp 6cp 6cp Total	24cp 24cp
Free choi CBK903 Select 12 21720 92023 26703 92932 92947 21702 24734 21760 21766 21717 92887 78104 78150 79708 78146 78143	ree of electives. 96 Electives credit points from the following options: Human Resource Management Health Services Resource Management Introductory Health Economics Management for Clinicians Project Part B Industrial Relations Marketing Management Performance and Talent Management Managing Community Organisations International Management Organisational Management in Health Care Genetics and the Law Law and Mental Health Contemporary Business Law Dilemmas in Biomedical Law Psychology and Dispute Resolution	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 8cp 6cp 8cp	12cp	CBK90406 CBK9040 Select 24 c 85500 85504 85505 85506 85509 85601 85602 85603 85604 85701 CBK9040 Select 24 c	Design Studies subjects (PG) credit points from the following options: Design Futures: Creative Technologies Design Futures: Sustainable Lifestyles Design Interventions: Making Theories Design Differences: Intercultural Asia Design Differences: Community Identities Design Interventions: Business Innovation Interdisciplinary Design Lab: Undergraduate Interdisciplinary Design Experience: Undergraduate Reflective Practice Research Based Designing	24cp Total 6cp 6cp 6cp 6cp 6cp 6cp Total	24cp
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Free choi CBK903 Select 12 21720 92023 26703 92932 92947 21702 24734 21760 21766 21717 92887 78104 78150 79708 78146 78143 78144 777734 92022	ree of electives. 96 Electives credit points from the following options: Human Resource Management Health Services Resource Management Introductory Health Economics Management for Clinicians Project Part B Industrial Relations Marketing Management Performance and Talent Management Managing Community Organisations International Management in Health Care Genetics and the Law Law and Mental Health Contemporary Business Law Dilemmas in Biomedical Law Psychology and Dispute Resolution Contemporary Issues in Health Law Law and Medicine Improving Quality and Safety in Health Care	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	12cp	CBK90406 CBK9040 Select 24 c 85500 85504 85505 85506 85509 85601 85602 85603 85604 85701 CBK9040 Select 24 c 87441 87335 87445	D2 Design Studies subjects (PG) credit points from the following options: Design Futures: Creative Technologies Design Futures: Sustainable Lifestyles Design Interventions: Making Theories Design Differences: Intercultural Asia Design Differences: Community Identities Design Interventions: Business Innovation Interdisciplinary Design Lab: Undergraduate Interdisciplinary Design Experience: Undergraduate Reflective Practice Research Based Designing D3 Visual Communications options credit points from the following options: VC Studies: Contexts of Visual Communication VC Project: Sequence and Narrative VC Project: Visualising Experience	24cp Total 6cp 6cp 6cp 6cp 6cp 6cp Total	24cp 24cp
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Free choi CBK903 Select 12 21720 92023 26703 92932 92947 21702 24734 21760 21766 21717 92887 78104 78150 79708 78146 78143 78144 77734 92022 92612 78105 CBK903 Select 12 21702 21717	ree of electives. 96 Electives credit points from the following options: Human Resource Management Health Services Resource Management Introductory Health Economics Management for Clinicians Project Part B Industrial Relations Marketing Management Performance and Talent Management Managing Community Organisations International Management in Health Care Genetics and the Law Law and Mental Health Contemporary Business Law Dilemmas in Biomedical Law Psychology and Dispute Resolution Contemporary Issues in Health Law Law and Medicine Improving Quality and Safety in Health Care Research in Health Genetics and the Law 97 Electives credit points from the following options: Industrial Relations International Management	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	12cp	CBK90406 CBK9040 Select 24 c 85500 85504 85505 85506 85509 85601 85602 85603 85604 85701 CBK9040 Select 24 c 87441 87335 87445 87443 87447 CBK9040 Select 24 c	Design Studies subjects (PG) credit points from the following options: Design Futures: Creative Technologies Design Futures: Sustainable Lifestyles Design Interventions: Making Theories Design Differences: Intercultural Asia Design Differences: Community Identities Design Interventions: Business Innovation Interdisciplinary Design Lab: Undergraduate Interdisciplinary Design Experience: Undergraduate Reflective Practice Research Based Designing D3 Visual Communications options credit points from the following options: VC Studies: Contexts of Visual Communication VC Project: Sequence and Narrative VC Project: Visualising Experience VC Project: Typography in Context VC Technology: Motion Graphics D4 Interior Design options Credit points from the following options: Interior Design History Sustainable Human Futures:	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	24cp 24cp 24cp 24cp
Free choi CBK903 Select 12 21720 92023 26703 92932 92947 21702 24734 21760 21766 21717 92887 78104 78150 79708 78146 78143 78144 77734 92022 92612 78105 CBK903 Select 12 21702 21717 21760	ree of electives. 96 Electives credit points from the following options: Human Resource Management Health Services Resource Management Introductory Health Economics Management for Clinicians Project Part B Industrial Relations Marketing Management Performance and Talent Management Managing Community Organisations International Management in Health Care Genetics and the Law Law and Mental Health Contemporary Business Law Dilemmas in Biomedical Law Psychology and Dispute Resolution Contemporary Issues in Health Law Law and Medicine Improving Quality and Safety in Health Care Research in Health Genetics and the Law 97 Electives credit points from the following options: Industrial Relations International Management Performance and Talent Management	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	12cp	CBK90406 CBK9040 Select 24 c 85500 85504 85505 85506 85509 85601 85602 85603 85604 85701 CBK9040 Select 24 c 87441 87335 87445 87443 87447 CBK9040 Select 24 c 86021 86022	D2 Design Studies subjects (PG) credit points from the following options: Design Futures: Creative Technologies Design Futures: Sustainable Lifestyles Design Interventions: Making Theories Design Differences: Intercultural Asia Design Differences: Community Identities Design Interventions: Business Innovation Interdisciplinary Design Lab: Undergraduate Interdisciplinary Design Experience: Undergraduate Reflective Practice Research Based Designing D3 Visual Communications options credit points from the following options: VC Studies: Contexts of Visual Communication VC Project: Sequence and Narrative VC Project: Visualising Experience VC Project: Typography in Context VC Technology: Motion Graphics D4 Interior Design options Credit points from the following options: Interior Design History Sustainable Human Futures: Residential Environments	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 7otal	24cp 24cp 24cp 24cp
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CDI/OO/O						
CBN9U4U	15 Industrial Design options			78163	Law and Regulation	8ср
	credit points from the following options:		24cp	78165	Media and Entertainment Law and	1
84120			24cp		Regulation	8ср
04120	Structure, Form and Material in			78167	Perspectives on Regulation	8cp
0.4404	Industrial Design	6cp		78169		оср
84121	Computer-aided Industrial Design	6cp		70109	Regulatory Strategies and Compliance	0.00
84123	Material Manipulation	6ср		70170	Principles	8cp
84124	Sustainability and Design	6ср		78172	Dispute Resolution in Civil Practice	8cp
84122	Ergonomics and Industrial Design	6ср		78174	Mediation Practice	8cp
		Total	24cp	78175	Negotiation	8ср
			1	78176	Workplace Dispute Resolution	8ср
CBK9040	06 Fashion and Textiles options			78177	Converging Media Industries: Regulatory	_
			24 an		Challenges	8ср
	credit points from the following options:		24cp	78179	Telecommunications Law and Regulations	8cp
83343	Studio: Bespoke Fashion	6cp		78118	Business and Law in China	8cp
83341	Fashion, Gender and Identity	6ср		78161	Global Governance and Social Justice	8cp
83344	Fashion Communication: Drawing and			78140	International and Comparative Family	оср
	Digital Media	6ср		70140	Law	0.00
		Total	24cp	78183		8cp
				70103	Global Aspects of Intellectual Property	0
CBK9040	07 Electives			5 04.00	Law	8cp
Select 24 c	credit points from the following options:		24cp	78189	Intellectual Property Commercialisation	8cp
	Event Management	24cp	zicp	78185	Intellectual Property: Law and Policy	8ср
5141,00205	Event Management		24cp	78187	Intellectual Property and Traditional	
		Total	24CP		Knowledge	8ср
CBK00/0	00 Cub major/Four alastivas			78196	Insurance Law	8ср
	08 Sub-major/Four electives			78104	Genetics and the Law	8cp
Select 24 c	redit points from the following options:		24cp	78106	Climate Law and Carbon Markets	8cp
CBK90409	9 Electives	24cp		78108	Globalisation and International Economic	I
SMJ08203	Event Management	24cp		.0100	Law	8ср
•	O .		24cp	78202	International Development Law	8cp
			-1	78198		
CBK9040	9 Electives				Corporate Finance Transactions 1	8cp
			24	78200	Corporate Finance Transactions 2	8cp
	credit points from the following options:	10	24cp	78190	Patent Law	8cp
	Electives (Tourism)	12cp		78191	Patent Systems	8ср
CBK90767	7 Electives	12cp		78192	Trade Marks Law	8ср
		Total	24cp	78193	Trade Marks Practice	8ср
				78194	Designs Law and Practice	8ср
CBK9041	10 Electives			78195	Copyright Law	8cp
Select 24 c	credit points from the following options:		24cp	78207	International Organisations	8cp
	Electives	24cp	P	78208	Taxation of Commercial Enterprises	8cp
	Event Management	24cp		78211	Law and Literature	8cp
5141,00205	Event management		24cp	78203	Communications and Intellectual Property	ocp
		iotai	24CP	70200	Law Overview	8ср
CBK00/1	11 Ontions A			78213	Communications and Technology: A Primer	
	I1 Options A					
	credit points from the following options:		24cp	78219	Animal Law and Policy in Australia	8cp
78110	Banking and Finance Law	8ср		78223	Law of Slavery and Human Trafficking	8cp
70110	Constitute Describettes	0		78217	Competition Law in a Global Context	8ср
78112	Securities Regulation	8ср				_
78112 78114	Financial Analysis for the Transactional	8ср		78228	Financial Services Law and Compliance in	_
		_		78228	Australia	8cp
78114	Financial Analysis for the Transactional Lawyer	8cp				8cp
	Financial Analysis for the Transactional Lawyer International Regulation of Financial	8ср		78228	Australia	8cp 8cp
78114 78116	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions	8ср 8ср		78228	Australia Environmental and Sustainable	
78114 78116 78102	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research	8cp 8cp 8cp		78228 78226	Australia Environmental and Sustainable Development Law of China	8cp
78114 78116 78102 78103	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions	8cp 8cp 8cp 8cp		78228 78226 78224	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment	8cp 8cp
78114 78116 78102 78103 78171	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation	8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity	8cp 8cp 8cp
78114 78116 78102 78103 78171 78100	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research	8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law	8cp 8cp 8cp 8cp
78114 78116 78102 78103 78171 78100 78119	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic)	8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet	8cp 8cp 8cp 8cp 8cp
78114 78116 78102 78103 78171 78100 78119 78121	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency	8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law	8cp 8cp 8cp 8cp 8cp 8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation	8cp 8cp 8cp 8cp 8cp 8cp 8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation	8cp 8cp 8cp 8cp 8cp 8cp 8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78127	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78127 78128 78130	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation Child Law in Australia Complex Parenting Disputes	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration 12 Options B credit points from the following options:	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp Total 24cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78127 78128	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233 CBK904 Select 24 78110	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration 12 Options B credit points from the following options: Banking and Finance Law	8cp 8cp 8cp 8cp 8cp 8cp 8cp Total 24cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78127 78128 78130 78132	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law)	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233 CBK904 Select 24 78110 78112	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration 12 Options B credit points from the following options: Banking and Finance Law Securities Regulation	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp Total 24cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78127 78128 78130 78134	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233 CBK904 Select 24 78110	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration 12 Options B credit points from the following options: Banking and Finance Law Securities Regulation Financial Analysis for the Transactional	8cp 8cp 8cp 8cp 8cp 8cp 8cp Total 24cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78127 78128 78130 78132 78134 78136	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Dispute Resolution	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233 CBK904 Select 24 78110 78112 78114	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration 12 Options B credit points from the following options: Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer	8cp 8cp 8cp 8cp 8cp 8cp 8cp Total 24cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78127 78128 78130 78132 78134 78136 78137	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Dispute Resolution Facilitation	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233 CBK904 Select 24 78110 78112	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration 12 Options B credit points from the following options: Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial	8cp 8cp 8cp 8cp 8cp 8cp Total 24cp 24cp 8cp 8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78127 78128 78130 78132 78134 78136 78137 78139	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Dispute Resolution Facilitation Family Dispute Resolution	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233 CBK904 Select 24 78110 78112 78114 78116	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration 12 Options B credit points from the following options: Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions	8cp 8cp 8cp 8cp 8cp 8cp 8cp Total 24cp 24cp 8cp 8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78128 78130 78132 78134 78136 78137 78139 78142	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Dispute Resolution Facilitation Family Dispute Resolution New Families, New Technologies	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233 CBK904 Select 24 78110 78112 78114 78116 78102	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration 12 Options B credit points from the following options: Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research	8cp 8cp 8cp 8cp 8cp 8cp 8cp Total 24cp 24cp 8cp 8cp 8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78128 78130 78132 78134 78136 78137 78139 78142 78143	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Dispute Resolution Facilitation Family Dispute Resolution New Families, New Technologies Psychology and Dispute Resolution	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233 CBK904 Select 24 78110 78112 78114 78116 78102 78103	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration 12 Options B credit points from the following options: Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions	8cp 8cp 8cp 8cp 8cp 8cp 8cp Total 24cp 24cp 8cp 8cp 8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78127 78128 78130 78132 78134 78136 78137 78139 78142 78143 78144	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Dispute Resolution Facilitation Family Dispute Resolution New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233 CBK904 Select 24 78110 78112 78114 78116 78102 78103 78171	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration 12 Options B credit points from the following options: Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation	8cp 8cp 8cp 8cp 8cp 8cp 8cp Total 24cp 24cp 8cp 8cp 8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78127 78128 78130 78132 78134 78136 78137 78139 78142 78143 78144 78146	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Dispute Resolution Facilitation Family Dispute Resolution New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233 CBK904 Select 24 78110 78112 78114 78116 78102 78103 78171 78172	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration 12 Options B credit points from the following options: Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Dispute Resolution in Civil Practice	8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78127 78128 78130 78132 78134 78136 78137 78139 78142 78143 78144 78146 78148	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Dispute Resolution Facilitation Family Dispute Resolution New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233 CBK904 Select 24 78110 78112 78116 78102 78103 78171 78172 78176	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration 12 Options B credit points from the following options: Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Dispute Resolution in Civil Practice Workplace Dispute Resolution	8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78127 78138 78130 78132 78134 78136 78137 78139 78142 78143 78144 78146 78148 78149	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Dispute Resolution Facilitation Family Dispute Resolution New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233 CBK904 Select 24 78110 78112 78116 78102 78103 78171 78172 78176 78100	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration 12 Options B credit points from the following options: Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Dispute Resolution in Civil Practice Workplace Dispute Resolution Postgraduate Legal Research	8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78127 78128 78130 78132 78134 78136 78137 78139 78142 78143 78144 78146 78148 78149 78151	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Dispute Resolution Facilitation Family Dispute Resolution New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233 CBK904 Select 24 78110 78112 78116 78102 78103 78171 78172 78176 78100 78118	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration 12 Options B credit points from the following options: Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Dispute Resolution in Civil Practice Workplace Dispute Resolution Postgraduate Legal Research Business and Law in China	8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78127 78138 78130 78132 78134 78136 78137 78139 78142 78143 78144 78146 78148 78149	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Dispute Resolution Facilitation Family Dispute Resolution New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233 CBK904 Select 24 78110 78112 78116 78102 78103 78171 78172 78176 78100	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration 12 Options B credit points from the following options: Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Dispute Resolution in Civil Practice Workplace Dispute Resolution Postgraduate Legal Research	8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78127 78128 78130 78132 78134 78136 78137 78139 78142 78143 78144 78146 78148 78149 78151	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Dispute Resolution Facilitation Family Dispute Resolution New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233 CBK904 Select 24 78110 78112 78116 78102 78103 78171 78172 78176 78100 78118	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration 12 Options B credit points from the following options: Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Dispute Resolution in Civil Practice Workplace Dispute Resolution Postgraduate Legal Research Business and Law in China	8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78128 78130 78132 78134 78136 78137 78139 78142 78143 78144 78146 78148 78149 78151 78152 78154	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Dispute Resolution Facilitation Family Dispute Resolution New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233 CBK904 Select 24 78110 78112 78114 78116 78102 78103 78171 78172 78176 78100 78118 78119	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration 12 Options B credit points from the following options: Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Dispute Resolution in Civil Practice Workplace Dispute Resolution Postgraduate Legal Research Business and Law in China Commercial Arbitration (Domestic) Corporate Insolvency	8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78128 78130 78132 78134 78136 78137 78139 78142 78143 78144 78146 78148 78149 78151 78152	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Dispute Resolution Facilitation Family Dispute Resolution New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233 CBK904 Select 24 78110 78112 78114 78116 78102 78103 78171 78172 78176 78100 78118 78119 78121 78123	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration 12 Options B credit points from the following options: Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Dispute Resolution in Civil Practice Workplace Dispute Resolution Postgraduate Legal Research Business and Law in China Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices	8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78127 78128 78130 78132 78134 78136 78137 78139 78142 78143 78144 78146 78148 78149 78151 78152 78154 78155	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Dispute Resolution Facilitation Facilitation Family Dispute Resolution New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233 CBK904 Select 24 78110 78112 78116 78102 78103 78171 78172 78176 78100 78118 78119 78121 78123 78124	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration 12 Options B Credit points from the following options: Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Dispute Resolution in Civil Practice Workplace Dispute Resolution Postgraduate Legal Research Business and Law in China Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce	8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78127 78128 78130 78132 78134 78136 78137 78139 78142 78143 78144 78146 78148 78149 78151 78155 78157	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Dispute Resolution Facilitation Facilitation Family Dispute Resolution New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233 CBK904 Select 24 78110 78112 78114 78116 78102 78103 78171 78172 78176 78100 78118 78119 78121 78123 78124 78125	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration 12 Options B Credit points from the following options: Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Dispute Resolution in Civil Practice Workplace Dispute Resolution Postgraduate Legal Research Business and Law in China Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance	8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78127 78128 78130 78132 78134 78136 78137 78139 78142 78143 78144 78146 78148 78149 78151 78152 78154 78155	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Dispute Resolution Facilitation Family Dispute Resolution New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233 CBK904 78110 78112 78116 78102 78103 78171 78172 78176 78100 78118 7819 78121 78123 78124 78125 78127	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration 12 Options B Credit points from the following options: Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Dispute Resolution in Civil Practice Workplace Dispute Resolution Postgraduate Legal Research Business and Law in China Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation	8cp
78114 78116 78102 78103 78171 78100 78119 78121 78123 78124 78125 78127 78128 78130 78132 78134 78136 78137 78139 78142 78143 78144 78146 78148 78149 78151 78155 78157	Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Postgraduate Legal Research Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance Advanced Mediation Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law) Current Issues in Family Law Dispute Resolution Facilitation Facilitation Family Dispute Resolution New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		78228 78226 78224 78221 78215 78204 78231 78232 78233 CBK904 Select 24 78110 78112 78114 78116 78102 78103 78171 78172 78176 78100 78118 78119 78121 78123 78124 78125	Australia Environmental and Sustainable Development Law of China International Trade Law and the Environment Commercial Equity Finance Law Legal Perspectives on the Internet Commercial Trade and Transport Law Mining Law and Regulation International Commercial Arbitration 12 Options B Credit points from the following options: Banking and Finance Law Securities Regulation Financial Analysis for the Transactional Lawyer International Regulation of Financial Institutions LLM Project by Research Common Law Legal Traditions Crisis Negotiation Dispute Resolution in Civil Practice Workplace Dispute Resolution Postgraduate Legal Research Business and Law in China Commercial Arbitration (Domestic) Corporate Insolvency Deceptive Trade Practices Dispute Resolution in Commerce Corporate Governance	8cp

78130	Complex Parenting Disputes	8cp	CBK9041	3 Two sub-majors/Electives		
78132	Complex Financial and Property Disputes	1			10 00	_
70102		0.00		redit points from the following options:	48cp	?
	(in Family Law)	8cp	SMJ02064	Business Information Systems		
78134	Current Issues in Family Law	8cp		Management	24cp	
78136	Dispute Resolution	8cp	SMI02065	Data Analytics	24cp	
78137	Facilitation	8cp				
				Enterprise Systems Development	24cp	
78139	Family Dispute Resolution	8cp	SMJ03037	Internetworking and Applications	24cp	
78142	New Families, New Technologies	8ср		Business Accounting	24cp	
78143	Psychology and Dispute Resolution	8cp			24cp	
78144	Contemporary Issues in Health Law			Introductory Economics		
		8cp		Employment Relations	24cp	
78146	Dilemmas in Biomedical Law	8cp	SMI08160	International Management	24cp	
78148	Law and Medicine	8cp		Electronics and Computer Interfacing	24cp	
78149	Law and Mental Health	8cp	SMJ01012		24cp	
78151	Human Rights Law	8cp			1	
			SMJ01032	Statistical Modelling	24cp	
78152	International Commercial Transactions	8cp	SMJ02057	Scientific Computing	24cp	
78154	International Criminal Law	8ср		International Studies	24cp	
78155	International Environmental Law: Policy	•		Language other than English	24cp	
	and Implementation	8cp			1	
78157				Specialist Country Studies	24cp	
	Private International Law	8cp	SMJ08188	Accounting for Small Business	24cp	
78159	Rights and Obligations in the International		SMI08198	Advertising Principles	24cp	
	Legal System	8cp		Marketing Principles	24cp	
78161	Global Governance and Social Justice	8cp			1	
78163	Law and Regulation	_ *		Innovation	24cp	
		8cp	CBK90783	Electives	24cp	
78165	Media and Entertainment Law and		CBK90784	Electives	24cp	
	Regulation	8ср	SMI01026	Quantitative Management	24cp	
78167	Perspectives on Regulation	8cp	01/1/01020	Quartature i i i i i i i i i i i i i i i i i i i	Total 48cp	n
78169	Regulatory Strategies and Compliance	···r			10tai 46CF	
70109		0				
	Principles	8cp	CBK9041	4 Options (Language, Literacy and Nun	neracy	
78174	Mediation Practice	8cp			•	
78175	Negotiation	8cp	major)			
78177	Converging Media Industries: Regulatory	···r	Select 18 c	redit points from the following options:	18cp)
70177		0	013975	Designing and Developing Simulations	-	
	Challenges	8cp	010770	and Games	6ср	
78179	Telecommunications Law and Regulations	8cp	010000			
78140	International and Comparative Family	•	013082	Aboriginal Social and Political History	6ср	
	Law	8ср	013124	Work and People	6ср	
70100		оср	013963	Cultural Diversity at Work	6ср	
78183	Global Aspects of Intellectual Property		013966	e-Learning Experiences	6cp	
	Law	8ср				
78189	Intellectual Property Commercialisation	8cp	013967	e-Learning Design	6ср	
78185	Intellectual Property: Law and Policy	8cp	013099	Individualised Project 1	6ср	
		оср	013088	Educational Management	6ср	
78187	Intellectual Property and Traditional		013976	Strategic Human Resource Development	6ср	
	Knowledge	8cp			оср	
78196	Insurance Law	8cp	013960	Individual Communication in the		
78104	Genetics and the Law	8cp		Workplace	6ср	
			013961	Team Communication in the Workplace	6ср	
78106	Climate Law and Carbon Markets	8cp	013979	Organisational Learning and Change:	1	
78108	Globalisation and International Economic		013777		(
	Law	8cp		Local and Global	6ср	
78202	International Development Law	8cp	013151	Project Management	6ср	
78198	1		013097	Human Resource Development in		
	Corporate Finance Transactions 1	8cp		Organisations	6ср	
78200	Corporate Finance Transactions 2	8cp	012072			
78190	Patent Law	8cp	013972	Organisational Learning	6ср	
78191	Patent Systems	8cp	010140	Exchange Elective 1 (Education)	6ср	
78192	Trade Marks Law	Sep	010141	Exchange Elective 2 (Education)	6ср	
		8cp	010142	Exchange Elective 3 (Education)	6cp	
78193	Trade Marks Practice	8cp			. *	
78194	Designs Law and Practice	8cp	010143	Exchange Elective 4 (Education)	6ср	
78195	Copyright Law	8cp	015012	International Perspectives on Adult		
78207	International Organisations			Education	6ср	
		8cp			Total 18cr	n
78208	Taxation of Commercial Enterprises	8cp			rotti rock	
78211	Law and Literature	8ср	CD1/00/4	E Elective		
78203	Communications and Intellectual Property		CBK9041	5 Elective		
	Law Overview	8cp	Select 8 cr	edit points from the following options:	8cp)
78212			57008	Digital Libraries and Collections	8cp	
78213		8cp				
78219	Animal Law and Policy in Australia	8cp	57084	Information Architecture and Design	8cp	
78223	Law of Slavery and Human Trafficking	8cp	57103	Knowledge Management Strategies	8ср	
78217	Competition Law in a Global Context	8cp	57146	Organising Information	8cp	
78228			57148	Discovering and Accessing Information	8cp	
10220	Financial Services Law and Compliance in	0	57152		~~P	
	Australia	8cp	37 132	Investigative Research in the Digital	0 -	
78226	Environmental and Sustainable			Environment	8ср	
	Development Law of China	8cp			Total 8cp	9
78224	*	r			-1	
/022 4	International Trade Law and the	0	CBK00/1	6 Master's ontion		
	Environment	8cp		6 Master's option		
78221	Commercial Equity	8cp	Select 16 c	redit points from the following options:	16cp)
78215	Finance Law	8cp	57104	Information and Knowledge Management	-1	
78204		_ *	5, 101		1cn	
	Legal Perspectives on the Internet	8cp	EE1.0E	Project Part A	4cp	
77800	International Commercial Dispute		57105	Information and Knowledge Management		
	Resolution	8cp		Project Part B	12cp	
78231	Commercial Trade and Transport Law	8cp	57009	Information and Knowledge Management	1	
78232	Mining Law and Regulation	8cp	507	Project	16cp	
		_ *	CTN TOOL 40		1	
78233	International Commercial Arbitration	8cp	51M90548	3 Master's option	16cp	
		Total 24cp			Total 16cp	Ģ
		-			1	

CBK00/	17 Cwitzerland Language and Culture		78015	Clabel Aspects of Intellectual Property	
	17 Switzerland Language and Culture	20	76013	Global Aspects of Intellectual Property Law	6ср
	credit points from the following options: 3 French Language and Culture	32cp 32cp	78010	International Criminal Law	6ср
	5 French Language and Culture 5 German Language and Culture	32cp 32cp	78109	Globalisation and International Economic	ocp
	8 Bilingual Language and Culture	32 c p		Law	6ср
CDIOOII	(Switzerland)	32cp	78158	Private International Law	6ср
CBK9048	6 Italian Language and Culture	32cp	78160	Rights and Obligations in the International	
	0 0	Total 32cp		Legal System	6ср
			78201	International Development Law	6ср
	18 Bilingual Language and Culture (Sw	itzerland)	78164 78168	Law and Regulation Perspectives on Regulation	6ср 6ср
	credit points from the following options:	32cp	78170	Regulatory Strategies and Compliance	оср
	2 German Language and Culture	16cp	70170	Principles	6ср
	0 French Language and Culture	16cp	77746	Advanced Mediation	6ср
CDN9049	3 Italian Language and Culture	16cp Total 32cp	77760	Family Dispute Resolution	6cp
		10tai 52cp	77792	Crisis Negotiation	6ср
CBK904	19 Options		78029	Mediation Practice	6ср
	credit points from the following options:	24cp	78138	Facilitation	6cp
	1 Options C	24cp	78162	Global Governance and Social Justice	6ср
	3 Corporate and Commercial Law	24cp	78166	Media and Entertainment Law and Regulation	6an
MAJ0940	5 International Law	24cp	78178	Telecommunications Law and Regulations	6ср 6ср
	6 Intellectual Property	24cp	78180	Converging Media Industries: Regulatory	оср
	1 Global Business Law	24cp		Challenges	6ср
MAJ0942	6 Dispute Resolution	24cp	78026	Business and Law in China	6cp
		Total 24cp	78101	Postgraduate Legal Research	6ср
CBK6U%	20 Options		78173	Dispute Resolution in Civil Practice	6ср
	redit points from the following options:	6an	77867	Workplace Dispute Resolution	6ср
78129	Child Law in Australia	6ср 6ср	78107	Climate Law and Carbon Markets	6cp
78131	Complex Parenting Disputes	6ср	78182	Human Rights Law	6ср
78133	Complex Financial and Property Disputes	оср	78156	International Environmental Law: Policy and Implementation	6cn
	(in Family Law)	6ср	78141	International and Comparative Family	6ср
78135	Current Issues in Family Law	6cp	70111	Law	6ср
78141	International and Comparative Family		77850	Psychology and Dispute Resolution	6ср
	Law	6cp	78206	International Organisations	6ср
78041	New Families, New Technologies	6cp	78209	Taxation of Commercial Enterprises	6ср
77745	Negotiation Advanced Mediation	6cp	78210	Law and Literature	6ср
77746 77760	Family Dispute Resolution	6cp	78129	Child Law in Australia	6cp
77761	Dispute Resolution in Commerce	6ср 6ср	78131	Complex Parenting Disputes	6ср
77792	Crisis Negotiation	6ср	78133	Complex Financial and Property Disputes (in Family Law)	6an
77850	Psychology and Dispute Resolution	6cp	78135	Current Issues in Family Law	6ср 6ср
78029	Mediation Practice	6cp	79771	Dispute Resolution	6cp
78138	Facilitation	6ср	78153	International Commercial Transactions	6cp
78101	Postgraduate Legal Research	6ср	78117	International Regulation of Financial	- 1
		Total 6cp		Institutions	6ср
CDVOO	21 Ontions C		77752	Commercial Arbitration (Domestic)	6ср
	21 Options C	24	77891	Patent Systems	6cp
77930	credit points from the following options: Insurance Law	24cp	78218	Animal Law and Policy in Australia	6cp
77930 78111	Banking and Finance Law	6ср 6ср	78222 78216	Law of Slavery and Human Trafficking Competition Law in a Global Context	6cp
78113	Securities Regulation	6ср	78227	Financial Services Law and Compliance	6ср
78115	Financial Analysis for the Transactional	ocp	70227	in Australia	6ср
	Lawyer	6ср	78225	Environmental and Sustainable	···r
78122	Corporate Insolvency	6ср		Development Law of China	6ср
78126	Corporate Governance	6ср	78220	Commercial Equity	6ср
78181	Deceptive Trade Practices	6cp	78214	Finance Law	6ср
78197	Corporate Finance Transactions 1	6ср	78212	Communications and Technology:	
78199 77745	Corporate Finance Transactions 2	6cp	70022	A Primer	6ср
77761	Negotiation Dispute Resolution in Commerce	6ср 6ср	78023	International Trade Law and the Environment	6an
77734	Law and Medicine	6ср	76050	Commercial Trade and Transport Law	6ср 6ср
78147	Dilemmas in Biomedical Law	6ср	76055	Mining Law and Regulation	6cp
78041	New Families, New Technologies	6cp			Total 24cp
78105	Genetics and the Law	6ср			1
78145	Contemporary Issues in Health Law	6ср	CBK904	22 Dispute Resolution choice	
78150	Law and Mental Health	6ср	Select 6 o	credit points from the following options:	6ср
78184	Intellectual Property: Law and Policy	6cp	77745	Negotiation	6ср
77889 77890	Trade Marks Law Trade Marks Practice	6cp	77746	Advanced Mediation	6cp
77890 77893	Designs Law and Practice	6ср 6ср	77760	Family Dispute Resolution	6cp
77898	Patent Law	6ср	77761 77792	Dispute Resolution in Commerce	6cp
77903	Copyright Law	6ср	77792 77850	Crisis Negotiation Psychology and Dispute Resolution	6ср 6ср
78186	Intellectual Property and Traditional	ſ	78029	Mediation Practice	6ср 6ср
	Knowledge	6ср	78138	Facilitation	6cp
78188	Intellectual Property Commercialisation	6ср			Total 6cp

CBK6U%	23 Family Law choice			013971	Teaching and Learning Numeracy	6ср	
	redit points from the following options:		6ср	013975	Designing and Developing Simulations	оср	
78129	Child Law in Australia	6ср	ocp	04.00	and Games	6ср	
78131	Complex Parenting Disputes	6cp		013979	Organisational Learning and Change: Local and Global	6 000	
78133	Complex Financial and Property Disputes	6an		013981	Teaching Aboriginal Studies	6ср 6ср	
78135	(in Family Law) Current Issues in Family Law	6ср 6ср					l 18cp
78141	International and Comparative Family	- 1		CDI/00/0	/ Cub maion abaica		
70041	Law	6cp			6 Sub-major choice		24 cm
78041 77760	New Families, New Technologies Family Dispute Resolution	6ср 6ср			redit points from the following options: Mobile Computing	24ср	24cp
77700	ranning Dispute Resolution		al 6cp		Applications Development	24cp	
			1		IT Management	24cp	
	24 Options		10		Computer Graphics and Animation Software Engineering	24cp 24cp	
25849	credit points from the following options: Financial Risk Management	6ср	12cp		Internet Business Technology	24cp	
25850	Credit Risk	6ср			Internetworking	24cp	
25851	Mathematical Finance	6cp				Tota	1 24cp
25857	Interest Rate Modelling	6cp	110	CBK9043	7 Options/PLT		
		Total	l 12cp		redit points from the following options:		24cp
CBK904	25 Electives				Practical Legal Training stream	24cp	r
Select 12	credit points from the following options:		12cp	STM90510	Alternative to PLT	24cp	104
92603	Managing Quality, Risk and Cost in Health		_			Tota	1 24cp
92604	Care Mental Health Assessment	6cp		CBK9043	8 Elective		
92605	Therapeutic Interventions in Mental Health	6ср			redit points from the following options:		36ср
	Care 2	6ср		020704	Studio Practice in Visual Arts	6ср	1
92607	Education for Practice Development	6cp		021702	ICT in Primary Education: Current Issues		
92721 92847	Health Promotion and Health Education	6cp		023505	and Applications Educational Research	6ср 6ср	
92848	Planning and Evaluating Health Services Facilitation of Clinical Learning	6ср 6ср		024705	Children's Literature and Multi-literacies:	оср	
92876	Therapeutic Interventions in Mental Health	- 1			Teaching Critical, Cultural, Visual and		
0200	Care	6cp		024712	Digital Literacies through Childrens Books	6cp	
92887 92917	Organisational Management in Health Care Using Health Care Data for Decision	6ср		024713 026702	Teaching English to International Students Music and Society	6ср 6ср	
72717	Making	6ср		020412	Art Study 2: A Sense of Place	6ср	
92920	Neuroscience: Trauma and Cerebrovascular			024422	Children's Theatre and Creative Arts Study	•	
92921	Neuroscience: Degenerative and				2: Acting and Performing Skills - Genres	6 000	
92932	Oncological Management for Clinicians	6cp 6cp		024411	for Children English Study 1: Shapes and Patterns in	6ср	
92023	Health Services Resource Management	6ср			Literary Narrative from Sendak to		
92296	Epidemiology and Population Health	6cp			Shakespeare	6ср	
92022	Improving Quality and Safety in Health	6 010		022203 026412	HSIE Study 2: Conflicts and Resolutions Music Study 2	6cp	
92297	Care Health Systems and Change	6cp 6cp		020412	PDHPE Study 1: Theory and Practice of	6ср	
92050	Policy, Power and Politics in Health Care	6cp			Personal Development Health and Physical	l	
92051	Health Services Management and Legal			000410	Education and Support	6ср	
92295	Issues Advanced Health Services Planning	6ср 6ср		028412	Science and Technology Study 2: Science and Technology in Daily Life	6ср	
92293	Advanced Health Services Hailling		l 12cp	020705	Educational Drama	6ср	
			1	022204	HSIE Study 3: Multicultural Australia in its	-	
	33 Communication Studies choice				Asia-Pacific Regional Context, Implications		
	redit points from the following options:		6ср	028413	for Teaching Science and Technology Study 3: Issues in	6ср	
013960	Individual Communication in the Workplace	6ср		020110	Science, Technology and Society	6ср	
013961	Team Communication in the Workplace	6cp		024414	English Study 4: Cultural and Textual		
		Tota	al 6cp	024423	Cross-currents Children's Theatre and Creative Arts Study	6ср	
CBK0U%	35 Human Resource Development choice			024423	3: Production and Direction	6ср	
	credit points from the following options:		18cp	020413	Art Study 3: Stories, Myths and Truth	6cp	
013081	Aboriginal Studies Project	6ср	тоср	021412	Educational Computing Study 2	6cp	
013082	Aboriginal Social and Political History	6cp		029410 023821	International Study Special Education 1: Managing Challenging	24cp	
013088	Educational Management	6cp		023021	Behaviours	6ср	
013099 013102	Individualised Project 1 Introduction to Language	6ср 6ср		023822	Special Education 2: Preventing and	I	
013103	Issues in Aboriginal Education	6ср			Remediating Difficulties in Reading and		
013110	Programming and Assessment in Language	•		023823	Spelling Special Education 3: Educating Students	6ср	
012115	Literacy and Numeracy	6cp		023023	who have Difficulties with Written Text	6ср	
013115 013118	Professional Practice and Changing Work Teaching and Learning Literacy	6ср 6ср		023824	Special Education 4: Numeracy Instruction		
013124	Work and People	6cp			for Students with Learning Difficulties	6	
013148	Initiatives in Aboriginal Education	6cp		023825	and Disabilities Special Education 5: Educating Students	6ср	
013149	The Language Literacy and Numeracy	6cm		020020	with Moderate and High Support Needs	6ср	
013151	Learner Project Management	6ср 6ср		023826	Special Education 6:	1	
013152	Individual Difference and Vocational	-1"			Educating Students with Delayed or	600	
010050	Education Teaching	6ср		022602	Disordered Communication Independent Study	6ср 6ср	
013958 013963	Language Teaching Methodology Cultural Diversity at Work	6cp		013218	Studio Practice: Painting	6ср	
013966	e-Learning Experiences	6ср 6ср		013219	Studio Practice: Ceramics	6ср	
013967	e-Learning Design	6cp		023412	Education Study 2: Value	6ср	

010050	Student Welfare: Implications for Teaching		CBKOO	/E1 Drofossional shaisa. Dublic Commun		
010030	and Learning	6cn		451 Professional choice: Public Commun	ication	
010051	Beginning Teaching: Surviving and	6ср		? credit points from the following options:	22	32cp
010031	Thriving	6ср		62 Advertising stream	32cp	
027412	Personal Development Health and Physical	оср	S1M903	63 Public Relations stream	32cp	1.00
027 112	Education: Teachers and Physical Activity	6ср			iota	l 32cp
024412	English Study 2: Images of Australia, the	оср	CBKOO	452 Electives		
021112	Place and the People - Literary					
	Representations in			2 credit points from the following options:	,	42cp
	Prose, Poetry and Drama	6ср	32012	Internet Quality of Service (QoS)	6ср	
024413	English Study 3: The Literature of Protest	6cp	32550	Advances in Requirements Engineering	6cp	
024424	Children's Theatre and Creative Arts 4:	-1	32902	Recent Advances in Information Systems	6cp	
	Staging Performances	6ср	35340	Quantitative Management Practice	6cp	
024421	Children's Theatre and the Creative Arts 1:	1	35353 35383	Regression Analysis	6cp	
	Overview of World Theatre, Production		32901	High Performance Computing Recent Advances in Computer Systems	6cp	
	Roles, Script Writing	6ср	32027	Multimedia Systems Design	6cp	
028414	Science and Technology Study 4:	-	32027	Interactive Arts	6ср 6ср	
	Planet Earth	6ср	32039	Recent Advances in Software Engineering	6ср	
026411	Music Study 1	6ср	95563	Digital Media Development Process	6ср	
028411	Science and Technology Study 1:		95564	Digital Media Technologies	6ср	
	The Human Body	6ср	95565	Digital Graphics and the Still Image	6ср	
022603	Teaching Across the Curriculum	6ср	95566	Digital Information and Interaction Design	6cp	
010052	Environmental Sustainability Education	6ср	95567	Digital Media in Social Context	6cp	
		Total 36cp	95568	Digital Sound and the Moving Image	6cp	
CDI/OO/	/O Majamahajaa		95569	Digital Media Project	12cp	
	43 Major choice		32525	Web Services Technologies and	1	
	credit points from the following options:	24cp		Applications	6ср	
	6 Environmental Engineering	24cp	32148	Enterprise Computing	6ср	
	2 Software Engineering	24cp	32998	.NET Application Development	6ср	
	3 Structural Engineering	24cp	32013	.NET Enterprise Development	6ср	
	4 Telecommunication Networks	24cp	32209	Advanced Topics in Computer Networks	6ср	
	5 Telecommunications Engineering	24cp	32513	Advanced Data Mining Algorithms	6ср	
	6 Water Engineering	24cp	32541	Project Management	6ср	
	8 Computer Control Engineering	24cp			Tota	l 42cp
	9 Energy Planning and Policy	24cp	001/00	(E0 E1 - 1'		
	0 Local Government Engineering 2 Manufacturing Engineering and	24cp		453 Electives		
1111110011	Management	24cp		3 credit points from the following options:		48cp
MAI0886	0 Engineering Management	24cp	32012	Internet Quality of Service (QoS)	6ср	
	3 No specified major	24cp	32550	Advances in Requirements Engineering	6ср	
	5 Civil Engineering	24cp	32902	Recent Advances in Information Systems	6ср	
	1 Geotechnical Engineering	24cp	35340	Quantitative Management Practice	6cp	
	3 Operations	24cp	35353	Regression Analysis	6cp	
	9 Systems Engineering	24cp	35383	High Performance Computing	6cp	
	5 Biomedical Engineering	24cp	32901 32027	Recent Advances in Computer Systems	6cp	
		Total 24cp	32027	Multimedia Systems Design Interactive Arts	6ср 6ср	
		1	32029	Recent Advances in Software Engineering	6ср	
CBK904	44 Electives		32603	Systems Quality Management	6ср	
Select 8 c	redit points from the following options:	8ср	95563	Digital Media Development Process	6ср	
57023	Communicating with Publics	8cp	95564	Digital Media Technologies	6ср	
57022	Foundations of Communication	8cp	95565	Digital Graphics and the Still Image	6ср	
57035	Organisational Change and	-	95566	Digital Information and Interaction Design	6ср	
	Communication	8cp	95567	Digital Media in Social Context	6ср	
57087	Knowledge Management and the		95568	Digital Sound and the Moving Image	6ср	
	Organisation	8cp	95569	Digital Media Project	12cp	
57012	Regulation of the Media	8cp	32525	Web Services Technologies and	1	
57013	Journalism Studies	8cp		Applications	6ср	
		Total 8cp	32148	Enterprise Computing	6cp	
001/00/	/E Electives		32210	Computer Vision and Image Processing	6ср	
	45 Electives		32998	.NET Application Development	6ср	
Free choi	ce of electives.		32013	.NET Enterprise Development	6ср	
001/00/	// El .:		32209	Advanced Topics in Computer Networks	6ср	
	46 Electives		32513	Advanced Data Mining Algorithms	6ср	
Free choi	ce of electives.		32541	Project Management	6ср	
001/00/	/II Duningt autic - (MAD)				Iota	l 48cp
	47 Project options (MAP)		OBKOO	/E/ Innovation chairs		
Free choi	ce of electives.			454 Innovation choice		10
051/00	(O.E.L.):			3 credit points from the following options:	_	18cp
	48 Electives		24108	Marketing Foundations	6cp	
Free choi	ce of electives.		21227	Innovation and Entrepreneurship	6cp	
			22107	Accounting for Business Decisions A	6cp	
	49 Electives		25300 79006	Fundamentals of Business Finance	6cp	
Free choi	ce of electives.		79006	Intellectual Property Commercialisation	6cp	l 18cp
					1014	1 10CP
	50 Electives					
Free choi	ce of electives					

Free choice of electives.

CBK904	60 Engineering choice		024422		
Select 60	credit points from the following options:	60c	р	2: Acting and Performing Skills - Genres	
48024	Applications Programming	6ср	024423	for Children	6ср
48430	Embedded C	6ср	024423	Children's Theatre and Creative Arts Study 3: Production and Direction	600
48433	Software Architecture	6ср	024705		6ср
48434 48440	Embedded Software	6cp	021700	Teaching Critical, Cultural, Visual and	
48450	Software Engineering Practice Real-time Operating Systems	6ср 6ср		Digital Literacies through Childrens Books	6ср
48451	Advanced Digital Systems	6ср	024713		6cp
48570	Data Acquisition and Distribution	6ср	026412		6cp
48730	Authentication and System Security	6ср	026702	Music and Society	6cp
48740	Communications Networks	6ср	027411	PDHPE Study 1: Theory and Practice of	
48750	Network Planning and Management	6ср		Personal Development Health and Physical	
48770	Continuous Communications	6ср	000440	Education and Support	6ср
48771	Discrete Communications	6ср	028412		C
48780	Mobile Communications	6ср	028413	and Technology in Daily Life	6ср
48410	Introduction to ICT Engineering	6cp	020413	Science and Technology Study 3: Issues in Science, Technology and Society	6ср
48441	Introductory Digital Systems	6cp	023821	Special Education 1: Managing Challenging	оср
48510 48541	Introduction to Electrical Engineering Signal Theory	6cp	020021	Behaviours	6ср
48720	Network Fundamentals	6ср 6ср	023822		· · · · ·
48310	Introduction to Civil and Environmental	оср		Remediating Difficulties in Reading and	
10010	Engineering	6ср		Spelling	6ср
48320	Surveying	6ср	023823	Special Education 3: Educating Students	-
48321	Engineering Mechanics	6ср		who have Difficulties with Written Text	6ср
48340	Construction	6cp	023824	.1	
48331	Mechanics of Solids	6ср		for Students with Learning Difficulties	
48840	Water Supply and Wastewater Engineering	6ср	000005	and Disabilities	6ср
48641	Fluid Mechanics	6ср	023825		(
48330	Soil Behaviour	6cp	023826	with Moderate and High Support Needs Special Education 6:	6ср
48352	Construction Materials	6cp	023620	Educating Students with Delayed or	
48850	Environmental Planning and Law	6ср		Disordered Communication	6ср
48821 65111	Ecological Engineering	6cp	022602		6ср
60101	Chemistry 1 Chemistry and Materials Science	6ср 6ср	020411	Art Study 1: People in Art	6cp
48349	Structural Analysis	6ср	020414		6cp
48353	Concrete Design	6ср	020703		6cp
48350	Environmental and Sanitation Engineering	6cp	022210	HSIE Study 4: Family History in its Social	-
48610	Introduction to Mechanical and	· · · r		Context	6ср
	Mechatronic Engineering	6ср	023200	3	
48621	Manufacturing Engineering	6ср		Action	6ср
48620	Fundamentals of Mechanical Engineering	6ср	023614		6cp
48640	Machine Dynamics	6ср	023621	,	6ср
48642	Strength of Engineering Materials	6ср	024412	,	
48651	Thermodynamics	6cp		Place and the People - Literary Representations in	
48531	Electromechanical Automation	6ср		Prose, Poetry and Drama	6ср
48650 48520	Mechanical Design 2	6cp	024413	·	6ср
48530	Electronics and Circuits Circuit Analysis	6ср 6ср	024421	Children's Theatre and the Creative Arts 1:	~ - F
68038	Advanced Mathematics and Physics	6ср		Overview of World Theatre, Production	
48540	Signals and Systems	6ср		Roles, Script Writing	6ср
48550	Renewable Energy Systems	6ср	024711	Language, Literacy and Education	6cp
48551	Analog Electronics	6ср	024712	11 0 0	6ср
	O .	Total 60c	p 026411	Music Study 1	6ср
			027412		
CBK904	62 Electives		007410	Education: Teachers and Physical Activity	6ср
	credit points from the following options:	12c ₁	p 027413		
020412	Art Study 2: A Sense of Place	6ср		Development, Health and Physical Education	6cn
020413	Art Study 3: Stories, Myths and Truth	6ср	028411	Science and Technology Study 1:	6ср
020704	Studio Practice in Visual Arts	6cp	020411	The Human Body	6ср
020705	Educational Drama	6cp	028414		оср
021412	Educational Computing Study 2	6ср		Planet Earth	6ср
021702	ICT in Primary Education: Current Issues	6 cm	010050	Student Welfare: Implications for Teaching	1
022203	and Applications HSIE Study 2: Conflicts and Resolutions	6ср 6ср		and Learning	6ср
022204	HSIE Study 3: Multicultural Australia in its	оср	010051	Beginning Teaching: Surviving and	_
022201	Asia-Pacific Regional Context, Implications			Thriving	6ср
	for Teaching	6ср	013218		6ср
022601	Learning Beyond the Classroom	6cp	013219	Studio Practice: Ceramics	6ср
022603	Teaching Across the Curriculum	6cp			Total 12cp
023505	Educational Research	6ср	CBKOC	1/43 Animation Project chaics	
024411	English Study 1: Shapes and Patterns in			0463 Animation Project choice	0.4 -
	Literary Narrative from Sendak to			24 credit points from the following options:	24cp
004:11	Shakespeare	6ср	89990 89991		24cp 12cp
024414	English Study 4: Cultural and Textual	(89991 89992	· · · · · · · · · · · · · · · · · · ·	12cp 12cp
	Cross-currents	6ср	09992	2 Hammaton 1 Toject D	Total 24cp

CBK904	64 Animation subjects choice			32120	Introduction to e-Business Technology	6ср
Select 18	credit points from the following options:	18	Вср	95563	Digital Media Development Process	6ср
32003	Computer Game Design	6ср		95564	Digital Media Technologies	6ср
32501	Computer Graphics	6ср		95565	Digital Graphics and the Still Image	6ср
32510	Principles of Object-oriented			95566	Digital Information and Interaction Design	6cp
	Programming in C++	6ср		95567	Digital Media in Social Context	6cp
89204	2D Digital Animation	6ср		95568	Digital Sound and the Moving Image	6cp
89203	3D Digital Animation 2	6ср		32004 32003	Game Programming Computer Game Design	6cp
89202	3D Digital Animation 1	6ср		32131		6cp
57171	Writing for the Screen	6ср		32131	Data Mining and Visualisation e-Market Trading Technology	6cp
57170	Sound and Interaction	6ср		32550	Advances in Requirements Engineering	6ср 6ср
57169	Moving Image	6ср		32118	Mobile Communications and Computing	6ср
89205	Design for Three-Dimensional Computer	,		32520	UNIX Systems Administration	6ср
 7000	Animation	6ср		32548	Network Security	6ср
57999	Digital and Multiplatform Storytelling	6cp	2	32148	Enterprise Computing	6ср
		Total 18	scp	32998	.NET Application Development	6ср
CDKOU	45 Internetworking chaice			32013	.NET Enterprise Development	6ср
	65 Internetworking choice	10		32209	Advanced Topics in Computer Networks	6ср
	credit points from the following options:		Вср	32050	Programming with Patterns	6ср
32001	Mobile Commerce Technologies	6ср		49016	Technology and Innovation	· ·r
32009	Advanced Routing Principles	6cp			Management	6ср
32010	Wide Area Network Implementation	6cp		49306	Quality and Operations Management	
32011	Multilayer Switched Networks	6cp			Systems	6ср
32109 32012	Troubleshooting Converged Networks	6cp		49048	Wireless Networking Technologies	6cp
32118	Internet Quality of Service (QoS)	6cp		49099	GSM, GPRS and EDGE Technologies	6cp
32520	Mobile Communications and Computing	6cp		49110	3G Mobile Communication Systems	6cp
32521	UNIX Systems Administration WANS and VLANS	6cp		42900	Sustainability and Information Systems	6ср
32525	Web Services Technologies and	6ср				Total 42cp
32323	Applications	6ср				-
32527	Internetwork Design	6ср		CBK9046	8 Engineering choice	
32528	Network Management	6ср		Select 84 c	redit points from the following options:	84cp
32548	Network Security	6ср		STM90670	Civil stream	84cp
32549	Advanced Internet Programming	6ср		STM90671	Civil and Environmental stream	84cp
32702	Contemporary Telecommunications	6cp		STM90672	Electrical stream	84cp
95563	Digital Media Development Process	6ср		STM90673	ICT stream	84cp
95564	Digital Media Technologies	6ср		STM90674	Mechanical stream	84cp
95567	Digital Media in Social Context	6cp		STM90675	Mechanical and Mechatronic stream	84cp
32509	Interaction Design	6cp				Total 84cp
32209	Advanced Topics in Computer Networks	6cp				
32523	Operating Systems for Network Security	6cp			1 Innovation choice	
32552	IP Telephony and Voice over IP	6cp		Select 12 c	redit points from the following options:	12cp
32013	.NET Enterprise Development	6ср		24108	Marketing Foundations	6ср
32541	Project Management	6ср		21511	Global Operations and Supply Chain	
32998	.NET Application Development	6ср			Management	6ср
32309	Digital Forensics	6ср		21227	Innovation and Entrepreneurship	6ср
32310	Network Security Appliances	6ср		22107	Accounting for Business Decisions A	6ср
79203	Business Law and Ethics	6ср		25300	Fundamentals of Business Finance	6ср
49048	Wireless Networking Technologies	6ср		79006	Intellectual Property Commercialisation	6ср
49099	GSM, GPRS and EDGE Technologies	6ср				Total 12cp
49110	3G Mobile Communication Systems	6ср		001/00/5	IO NI ifi - d i	
32547	UNIX Systems Programming	6ср		CBK9047	2 No specified major	
32516	Internet Programming	6cp	2	This study	package allows candidates to tailor their ow	n program of
		Total 18	scp		arious ways such as:	1 0
ODI/OC/	// Flactives			-	ining technical subjects from two or more m	ajor areas
	66 Electives	. =			pining fewer than the required minim	•
Union 10			1.010			
32535	credit points from the following options: Database in Distributed Environments	6cp	2ср		chnical major subjects and a number of	

CBK9U466 Electives						
Select 42 credit points from the following options:						
32535	Database in Distributed Environments	6ср				
32531	Global Information Systems	6ср				
32208	Information Systems Strategy	6ср				
32510	Principles of Object-oriented	_				
	Programming in C++	6ср				
32536	Advanced Software Modelling	6ср				
32106	Agile Method Engineering	6ср				
32541	Project Management	6ср				
32902	Recent Advances in Information Systems	6ср				
32543	3D Animation	6ср				
32544	Advanced Image Synthesis Techniques	6ср				
32513	Advanced Data Mining Algorithms	6ср				
32530	Building Intelligent Agents	6ср				
32501	Computer Graphics	6ср				
32509	Interaction Design	6ср				
32549	Advanced Internet Programming	6ср				
32527	Internetwork Design	6ср				
32516	Internet Programming	6ср				
32525	Web Services Technologies and					
	Applications	6ср				
32523	Operating Systems for Network Security	6ср				
32547	UNIX Systems Programming	6ср				
32521	WANS and VLANS	6ср				

LANS and Routing

Contemporary Telecommunications

6ср

6ср

32524

32702

- management subjects
- combining any postgraduate engineering subjects in a coherent and logical form based around some type of theme.

A program of subjects is normally identified prior to enrolment, in consultation with one or more academic members of staff, and approved by the Director of PG coursework programs.

Completion requirements

Free choice of electives.

CBK90473 No specified major

This study package allows candidates to tailor their own program of study in various ways such as:

- combining technical subjects from two or more major areas
- combining fewer than the required minimum number of technical major subjects and a number of engineering management subjects
- combining any postgraduate and/or approved undergraduate engineering subjects and/or approved subjects from other UTS faculties or other engineering faculties from other academic institutions in a coherent and logical form based around some type of theme.

in consult	n of subjects is normally identified prior to ation with one or more academic members by the Director of PG coursework programs.	ment, , and		83 French Language and Culture credit points from the following options: French Language and Culture 1	8ср	32cp	
This study package also requires the completion of a graduate project which is also consistent with the 'theme' alluded to in the text above.				97402 97403	French Language and Culture 2 French Language and Culture 3	8cp 8cp	
Completion requirements				97404 97405	French Language and Culture 4 French Language and Culture 5	8ср 8ср	
Free choic	e of electives.			97406	French Language and Culture 6	8cp	
CBK9047	4 Elective			97407 97408	Francophone Identities in Conflict Show and Tell: Francophone Cultures on	8cp	
	e of electives.			07400	Display	8cp	
CBK9047	'5 Capstone Project			97409 97410	Francophone Cultures of Consumption Places and Spaces of the Francophone	8cp	
	redit points from the following options:		12cp		World	8cp	1.00
48016	Capstone Project Part A	6ср	r			Tota	1 32cp
48026 48012	Capstone Project Part B Capstone Project	6ср 12ср		CBK9048	84 Spanish Language and Culture		
10012	Capstolic Floject		12cp		credit points from the following options:	0	32cp
CD1/00/7	// Intonochusedino cheice		-	97501 97502	Spanish Language and Culture 1 Spanish Language and Culture 2	8ср 8ср	
	'6 Internetworking choice edit points from the following options:		600	97503	Spanish Language and Culture 3	8cp	
32001	Mobile Commerce Technologies	6ср	6ср	97504	Spanish Language and Culture 4	8cp	
32521	WANS and VLANS	6cp		97505 97506	Spanish Language and Culture 5 Spanish Language and Culture 6	8ср 8ср	
32702	Contemporary Telecommunications	6cp	1600	97507	Spanish Language and Culture 7	8ср	
		1016	al 6cp	97508	Spanish Language and Culture 8	8cp	
CBK9047	7 Internetworking choice			97509 97510	Spanish Language and Culture 9 Spanish Language and Culture 10	8ср 8ср	
Free choic	e of electives.			27310	Spanish Eanguage and Culture 10		1 32ср
CBK9047	8 Computer Control choice			CBKOU	85 German Language and Culture		
	redit points from the following options:		12cp		credit points from the following options:		32ср
49261	Biomedical Instrumentation	6ср	_	97601	German Language and Culture 1	8ср	одер
49274 49275	Advanced Robotics Neural Networks and Fuzzy Logic	6ср 6ср		97602	German Language and Culture 2	8cp	
49227	Wireless Sensor Networks	6ср		97603 97604	German Language and Culture 3 German Language and Culture 4	8ср 8ср	
		Total	12cp	97605	German Language and Culture 5	8cp	
CBK9047	9 Computer Systems choice			97606	German Language and Culture 6	8cp	
	edit points from the following options:		6ср	97607 97608	German Language and Culture 7 German Language and Culture 8	8ср 8ср	
49261	Biomedical Instrumentation	6ср	1	97609	German Language and Culture 9	8cp	
49274 49275	Advanced Robotics Neural Networks and Fuzzy Logic	6ср 6ср		97610	German Language and Culture 10	8cp	1 22
47273	rectiful rectworks and ruzzy Logic		al 6cp			iota	1 32cp
CBK00/0	O Chinaga Language and Cultura		•	CBK90486 Italian Language and Culture			
	O Chinese Language and Culture redit points from the following options:		32ср		credit points from the following options:	0	32cp
97101	Chinese Language and Culture 1	8ср	32 c p	97801 97802	Italian Language and Culture 1 Italian Language and Culture 2	8ср 8ср	
97102	Chinese Language and Culture 2	8cp		97803	Italian Language and Culture 3	8cp	
97103 97104	Chinese Language and Culture 3 Chinese Language and Culture 4	8ср 8ср		97804	Italian Language and Culture 4	8cp	
97105	Chinese Language and Culture 5	8cp		97805 97806	Italian Language and Culture 5 Italian Language and Culture 6	8ср 8ср	
97106	Chinese Language and Culture 6	8cp		97807	Italian Language and Culture 7	8cp	
97111 97112	Chinese Festivals and Ceremonies Chinese Film	8ср 8ср		97808 97809	Italian Language and Culture 8	8cp	
97109	Chinese Mass Media	8cp		97810	Italian Language and Culture 9 Italian Language and Culture 10	8ср 8ср	
97110	Twentieth Century Chinese Fiction	8cp	22				132ср
		Iotai	32cp	CBK6U%	87 Chinese Language and Culture		
CBK90481 Japanese Language and Culture					credit points from the following options:		16ср
	redit points from the following options:	0	32cp	97101	Chinese Language and Culture 1	8cp	I
97201 97202	Japanese Language and Culture 1 Japanese Language and Culture 2	8ср 8ср		97102 97103	Chinese Language and Culture 2	8cp	
97203	Japanese Language and Culture 3	8cp		97103	Chinese Language and Culture 3 Chinese Language and Culture 4	8ср 8ср	
97204	Japanese Language and Culture 4	8cp		97105	Chinese Language and Culture 5	8cp	
97205 97206	Japanese Language and Culture 5 Japanese Language and Culture 6	8ср 8ср		97106 97111	Chinese Language and Culture 6 Chinese Festivals and Ceremonies	8cp	
97207	Japanese Films and Popular Culture	8cp		97111	Chinese Film	8ср 8ср	
97208	Japanese Language and Identity	8cp		97109	Chinese Mass Media	8cp	
97209 97210	Japanese Media and Current Issues Transcultural Communication in Japanese	8ср 8ср		97110	Twentieth Century Chinese Fiction	8cp	1 16ср
	2011 In Jupuncoc		32cp			1014	1 10cp

CRK90/488 Jananese Language and Culture				CPK90/9/ Chinaca Language and Culture			
CBK90488 Japanese Language and Culture			CBK90494 Chinese Language and Culture				
	credit points from the following options:	0	16cp		credit points from the following options:	24cp	
97201	Japanese Language and Culture 1	8cp		97101	Chinese Language and Culture 1	8cp	
97202	Japanese Language and Culture 2	8cp		97102	Chinese Language and Culture 2	8cp	
97203	Japanese Language and Culture 3	8cp		97103	Chinese Language and Culture 3	8cp	
97204	Japanese Language and Culture 4	8cp		97104	Chinese Language and Culture 4	8cp	
97205	Japanese Language and Culture 5	8cp		97105	Chinese Language and Culture 5	8cp	
97206 97207	Japanese Language and Culture 6	8cp		97106	Chinese Language and Culture 6	8cp	
97207	Japanese Films and Popular Culture	8cp		97111 97112	Chinese Festivals and Ceremonies Chinese Film	8cp	
97208	Japanese Language and Identity Japanese Media and Current Issues	8cp		97112	Chinese Mass Media	8cp	
97210	· ·	8cp		97110		8cp	
97210	Transcultural Communication in Japanese	8cp Tota	l 16cp	<i>77</i> 110	Twentieth Century Chinese Fiction	8cp Total 24cp	
		1014	Поср			10ан 24ср	
CBK9049	70 French Language and Culture			CBK904	95 Japanese Language and Culture		
Select 16 o	credit points from the following options:		16cp	Select 24	credit points from the following options:	24cp	
97401	French Language and Culture 1	8ср	•	97201	Japanese Language and Culture 1	8cp	
97402	French Language and Culture 2	8cp		97202	Japanese Language and Culture 2	8cp	
97403	French Language and Culture 3	8cp		97203	Japanese Language and Culture 3	8cp	
97404	French Language and Culture 4	8cp		97204	Japanese Language and Culture 4	8cp	
97405	French Language and Culture 5	8cp		97205	Japanese Language and Culture 5	8cp	
97406	French Language and Culture 6	8cp		97206	Japanese Language and Culture 6	8cp	
97407	Francophone Identities in Conflict	8cp		97207	Japanese Films and Popular Culture	8cp	
97408	Show and Tell: Francophone Cultures on	-		97208	Japanese Language and Identity	8cp	
	Display	8ср		97209	Japanese Media and Current Issues	8cp	
97409	Francophone Cultures of Consumption	8cp		97210	Transcultural Communication in Japanese	8cp	
97410	Places and Spaces of the Francophone	_			-	Total 24cp	
	World	8cp	1.4.6	001/00/	07 F		
		Tota	l 16cp		97 French Language and Culture	2.4	
CBK 6U%	91 Spanish Language and Culture				credit points from the following options:	24cp	
			16	97401	French Language and Culture 1	8cp	
	credit points from the following options:	0	16cp	97402	French Language and Culture 2	8cp	
97501	Spanish Language and Culture 1	8cp		97403	French Language and Culture 3	8cp	
97502	Spanish Language and Culture 2	8cp		97404	French Language and Culture 4	8cp	
97503	Spanish Language and Culture 3	8cp		97405	French Language and Culture 5	8cp	
97504	Spanish Language and Culture 4	8cp		97406	French Language and Culture 6	8cp	
97505	Spanish Language and Culture 5	8cp		97407	Francophone Identities in Conflict	8ср	
97506 97507	Spanish Language and Culture 6	8cp		97408	Show and Tell: Francophone Cultures on	Q _{cm}	
97508	Spanish Language and Culture 7 Spanish Language and Culture 8	8cp		97409	Display Francophone Cultures of Consumption	8ср 8ср	
97509	Spanish Language and Culture 9	8cp 8cp		97410	Places and Spaces of the Francophone	оср	
97510	Spanish Language and Culture 10	8ср		J/ 1 10	World	8ср	
<i>775</i> 10	Spanish Early auge and Cantare 10		l 16cp		World	Total 24cp	
			1			1	
	92 German Language and Culture			CBK904	98 Spanish Language and Culture		
Select 16 o	credit points from the following options:		16cp	Select 24	credit points from the following options:	24cp	
97601	German Language and Culture 1	8ср		97501	Spanish Language and Culture 1	8cp	
97602	German Language and Culture 2	8ср		97502	Spanish Language and Culture 2	8cp	
97603	German Language and Culture 3	8cp		97503	Spanish Language and Culture 3	8cp	
97604	German Language and Culture 4	8ср		97504	Spanish Language and Culture 4	8ср	
97605	German Language and Culture 5	8ср		97505	Spanish Language and Culture 5	8cp	
97606	German Language and Culture 6	8cp		97506	Spanish Language and Culture 6	8cp	
97607	German Language and Culture 7	8ср		97507	Spanish Language and Culture 7	8cp	
97608	German Language and Culture 8	8ср		97508	Spanish Language and Culture 8	8cp	
97609	German Language and Culture 9	8cp		97509	Spanish Language and Culture 9	8cp	
97610	German Language and Culture 10	8cp	1.16	97510	Spanish Language and Culture 10	8cp	
		Iota	l 16cp			Total 24cp	
CBK90493 Italian Language and Culture				CBK904	99 German Language and Culture		
	credit points from the following options:		16ср		credit points from the following options:	24cp	
97801	Italian Language and Culture 1	8ср	10CP	97601	German Language and Culture 1	8ср	
97802	Italian Language and Culture 2	8cp		97602	German Language and Culture 2	8cp	
97803	Italian Language and Culture 3	8ср		97603	German Language and Culture 3	8cp	
97804	Italian Language and Culture 4	8cp		97604	German Language and Culture 4	8cp	
97805	Italian Language and Culture 5	8cp		97605	German Language and Culture 5	8cp	
97806	Italian Language and Culture 6	8cp		97606	German Language and Culture 6	8cp	
97807	Italian Language and Culture 7	8cp		97607	German Language and Culture 7	8cp	
97808	Italian Language and Culture 8	8cp		97608	German Language and Culture 8	8cp	
97809	Italian Language and Culture 9	8cp		97609	German Language and Culture 9	8cp	
97810	Italian Language and Culture 10	8cp		97610	German Language and Culture 10	8cp	
			l 16cp			Total 24cp	

CBKOOE	OO Italian I anguage and Cultura			70022	International Trade Law and the	
	00 Italian Language and Culture		24	78023	International Trade Law and the Environment	6ср
97801	redit points from the following options: Italian Language and Culture 1	8ср	24cp	78026	Business and Law in China	6cp
97802	Italian Language and Culture 2	8ср		78029	Mediation Practice	6ср
97803	Italian Language and Culture 3	8cp		79771	Dispute Resolution	6ср
97804	Italian Language and Culture 4	8cp			Research project (Law PG)	12cp
97805	Italian Language and Culture 5	8cp		77889	Electives (Legal Studies) Trade Marks Law	12ср 6ср
97806 97807	Italian Language and Culture 6 Italian Language and Culture 7	8ср 8ср		77890	Trade Marks Practice	6cp
97808	Italian Language and Culture 8	8ср		78039	Wickedness and Vice	6cp
97809	Italian Language and Culture 9	8cp		78040	The Law and Education	6ср
97810	Italian Language and Culture 10	8cp		78042	Environmental Planning and	(
		Total	24cp	78041	DevelopmentLaw New Families, New Technologies	6ср 6ср
CBK9050	01 Major choice (Legal Studies)			76008	Jurisprudence	6cp
	credit points from the following options:		30ср	76024	Environmental Law	6cp
	3 No specified major	30cp	ооср	76053	Industrial Law	6cp
	3 Commercial Law	30cp		76115 76212	Insolvency Revenue Law	6ср 6ср
	Dispute Resolution	30cp		78111	Banking and Finance Law	6ср 6ср
	2 International Law 3 Information Technology Law	30ср 30ср		78113	Securities Regulation	6ср
	3 Industrial and Intellectual Property Law	30cp		78115	Financial Analysis for the Transactional	-
	International Trade Law	30cp		E011E	Lawyer	6ср
MAJ09367	⁷ Family Law	30cp		78117	International Regulation of Financial Institutions	6cn
		Total	130ср	78122	Corporate Insolvency	6ср 6ср
CBKOUE	02 Electives			78126	Corporate Governance	6cp
	credit points from the following options:		42cp	78129	Child Law in Australia	6cp
32005	Strategic Leadership for Innovation	6ср	42Cp	78131	Complex Parenting Disputes	6ср
32007	Strategic Information Technology	ocp		78133	Complex Financial and Property Disputes (in Family Law)	600
	Investment	6ср		78135	Current Issues in Family Law	6ср 6ср
32145	Commercial Environment of IT	6cp		78138	Facilitation	6cp
32148 32208	Enterprise Computing Information Systems Strategy	6cp		78141	International and Comparative Family	1
32531	Global Information Systems	6ср 6ср		E04.4E	Law	6ср
32601	Advanced Project Management	6ср		78145 78147	Contemporary Issues in Health Law Dilemmas in Biomedical Law	6ср 6ср
32902	Recent Advances in Information Systems	6cp		78150	Law and Mental Health	6ср 6ср
32990	IT Contracts and Outsourcing	6cp	10	78153	International Commercial Transactions	6cp
		Iotal	42cp	78156	International Environmental Law: Policy	1
CBK9050	03 No specified major			7 01 . 0	and Implementation	6ср
	credit points from the following options:		30ср	78158 78160	Private International Law Rights and Obligations in the International	6ср
77701	International Economic Law (PG)	6ср	····r	70100	Legal System	6ср
77704	European Union Law	6ср		78162	Global Governance and Social Justice	6ср
77715 77716	Banking Law	6cp		78164	Law and Regulation	6ср
77716	International Trade Law International Banking and Finance Law	6ср 6ср		78166	Media and Entertainment Law and	(
77734	Law and Medicine	6cp		78168	Regulation Perspectives on Regulation	6ср 6ср
77740	Research Paper	6cp		78170	Regulatory Strategies and Compliance	оср
77745	Negotiation	6cp			Principles	6ср
77746 77751	Advanced Mediation International Commercial	6ср		78178	Telecommunications Law and Regulations	6ср
77731	Arbitration	6ср		78173 78180	Dispute Resolution in Civil Practice	6ср
77752	Commercial Arbitration (Domestic)	6cp		70100	Converging Media Industries: Regulatory Challenges	6ср
77760	Family Dispute Resolution	6ср		78181	Deceptive Trade Practices	6cp
77761	Dispute Resolution in Commerce	6cp		78182	Human Rights Law	6ср
77767 77783	Taxation Administration International Commercial Dispute	6ср		78188	Intellectual Property Commercialisation	6cp
77700	Resolution	6ср		78184 78186	Intellectual Property: Law and Policy Intellectual Property and Traditional	6ср
77792	Crisis Negotiation	6cp		70100	Knowledge	6ср
77794	International Environmental Law	6cp		78197	Corporate Finance Transactions 1	6ср
77796 77850	Taxation of Business Entities Psychology and Dispute Resolution	6cp		78199	Corporate Finance Transactions 2	6ср
77867	Workplace Dispute Resolution	6ср 6ср		78201	International Development Law	6cp
77893	Designs Law and Practice	6ср		78206	International Organisations	6cp Total 30cp
77898	Patent Law	6ср				rotar socp
77900	Goods and Services Tax	6cp		CBK9050	4 New Media choice	
77901 77903	Securities Markets Law	6cp		Free choice	e of electives.	
77903	Copyright Law Superannuation and Retirement Planning	6ср 6ср		001/0050	EM 1: B 1 1: 1 :	
77935	International Business Law	6cp			5 Media Production choice	16
77945	Current Issues in Taxation	6ср		50001	redit points from the following options: Online Documentary	16ср 8ср
77953	International Taxation Law	6ср		57109	Film Animation	8ср
77976	World Trade Organisation Law and Practice	6cn				Total 16cp
78008	Law of the Sea	6ср 6ср				•
78010	International Criminal Law	6ср			6 Media Arts and Production choice	
78011	International Sale of Goods	6cp			redit points from the following options:	48cp
78015	Global Aspects of Intellectual Property	6			Film and Video stream Sound stream	48cp 48cp
78016	Law International Humanitarian Law	6ср 6ср			New Media stream	48cp
		°°Р				Total 48cp

CBK9050	07 Options (Law)			76041	Climate Law and Carbon Markets	6ср	
	redit points from the following options:		24cp	76038	Law and Mental Health	6ср	
76047	Advanced Contracts	6cn	24cp	76036	International Trade Law and the	ocp	
76016	Advanced Revenue Law	6cp 6cp			Environment	6ср	
76003	Asian Law and Legal Systems	6ср		76043	Building and Construction Law	6cp	
76074	Australian Civil Liberties Law	6ср		76056	Intellectual Property Commercialisation	1	
76074	Biomedical Law and Bioethics	6ср			Overview	6ср	
76066	Children and the Law	6ср		76904	Price International Media Law Moot	6ср	
76048	Citizenship and Immigration Law	6ср					1 24cp
76042	Electronic Communications Content	ocp					-
	Regulation	6ср		CBK9050	8 Sub-major/Four electives		
76069	Community Justice Studies	6cp		Select 24 c	redit points from the following options:		24cp
78021	Contemporary Issues in Constitutional				Anaesthetics and Recovery Room Nursing	24cp	-
	Law	6ср		SMJ06022	Children's Nursing	24cp	
76075	Contemporary Legal Studies 1	6cp		SMJ06023	Critical Care Nursing	24cp	
76076	Contemporary Legal Studies 2	6ср		SMJ06024	Mental Health Nursing	24cp	
76012	Criminology	6ср			Neonatal Nursing	24cp	
76023	Deceptive Trade Practices and Product			SMJ06026	Neuroscience Nursing	24cp	
	Liability	6cp		CBK90509	Electives	24cp	
76052	Dispute Resolution Advocacy	6cp			Perioperative Nursing	24cp	
76024	Environmental Law	6cp			Acute Care Nursing	24cp	
76801	Exchange Subject 1	6cp			Child and Family Health Nursing	24cp	
76802	Exchange Subject 2	6cp		5101106034	Diabetes Education and Management	24cp	1.24an
76803	Exchange Subject 3	6cp				10ta	ıl 24cp
76804	Exchange Subject 4	6cp		CBK9050	9 Electives		
76516 76080	Family Law Finance Law	6cp					24 am
76007	International Human Rights Law	6cp			redit points from the following options: Mental Health Assessment	6an	24cp
76068	Indigenous Peoples and the Law	6cp 6cp		92604 92605		6ср	
76703	Indigenous Peoples, the Environment and	оср		92003	Therapeutic Interventions in Mental Health Care 2		
70700	Property	6ср		92713	Health Breakdown	6ср 6ср	
76053	Industrial Law	6ср		92869	Specialty Clinical Practice	6ср	
76115	Insolvency	6cp		92871	Perinatal Development	6ср	
76521	Intellectual Property and Traditional	1		92876	Therapeutic Interventions in Mental Health		
	Knowledge	6ср			Care	6ср	
77794	International Environmental Law	6cp		92878	Care of the Child in Illness and Disability	6ср	
76005	Islamic Law	6cp		92881	Foundations of Perioperative Nursing	6ср	
76039	Jessup International Moot	6ср		92882	Techniques in Perioperative Nursing	6ср	
76008	Jurisprudence	6ср		92895	Issues in Neonatal Care	6ср	
76015	Labour Law	6ср		92902	Care of the Acutely Ill Child	6ср	
76045	Medicine and Law	6ср		92905	Dimensions of Anaesthesia Nursing	6ср	
78008	Law of the Sea	6ср		92760	Fundamentals of Postanaesthesia Recovery		
76063	Media Law	6cp			Nursing	6ср	
76900	Moot	6cp		92918	Fundamentals of Critical Care Nursing	6ср	
76006	Public International Law	6cp		92919	Complex Critical Care	6cp	
76040	Research Thesis	6cp		92920	Neuroscience: Trauma and Cerebrovascular	6ср	
76027 76002	Competition Law	6cp		92921	Neuroscience: Degenerative and	(
76517	Sports Law Succession	6cp		92616	Oncological	6cp	
76901	Vis Arbitral Moot	6ср 6ср		92617	Core Concepts in Acute Care Nursing Early Interventions in Acute Care Nursing	6cp	
76212	Revenue Law	6ср		92017	Larry Interventions in Acute Care Nursing	6cp	1 24cp
77704	European Union Law	6ср				1014	1 24cp
77715	Banking Law	6cp		CBK9051	0 Electives		
77901	Securities Markets Law	6cp			redit points from the following options:		18cp
78025	Intellectual Property: Law and Policy	6cp		92604	Mental Health Assessment	6ср	тоср
76081	Gender, Law and Sexuality	6cp		92605	Therapeutic Interventions in Mental Health		
78040	The Law and Education	6cp		22000	Care 2	6ср	
78042	Environmental Planning and			92713	Health Breakdown	6cp	
	DevelopmentLaw	6ср		92603	Managing Quality, Risk and Cost in Health	- 1	
76082	International Regulation of Financial				Care	6ср	
	Institutions	6ср		92607	Education for Practice Development	6cp	
76037	Advanced Criminal Law	6cp		92721	Health Promotion and Health Education	6ср	
78039	Wickedness and Vice	6ср		92847	Planning and Evaluating Health Services	6ср	
76019	Broadcasting and Telecommunications			92848	Facilitation of Clinical Learning	6ср	
T (000	Regulation	6cp		92871	Perinatal Development	6ср	
76009	Introduction to Chinese Business Law	6cp		92876	Therapeutic Interventions in Mental Health		
76013	World Trade Law	6cp			Care	6ср	
76001 76112	Comparative Law	6cp		92878	Care of the Child in Illness and Disability	6cp	
76112 76010	Conflict of Laws Disability and the Law	6cp		92881	Foundations of Perioperative Nursing	6cp	
76020	Entertainment Law	6cp		92882	Techniques in Perioperative Nursing	6cp	
76020	Advanced Remedies	6cp 6cp		92887	Organisational Management in Health Care		
78013	Refugee Law and Practice	6ср		92895	Issues in Neonatal Care	6cp	
76022	Insurance Law	6ср		92902	Care of the Acutely Ill Child	6cp	
76022	International Organisations	6ср		92905	Dimensions of Anaesthesia Nursing	6ср	
76902	Law and Literature	6ср		92760	Fundamentals of Postanaesthesia Recovery	Gon	
76903	International Commercial Transactions	6ср		92917	Nursing Using Health Care Data for Decision	6ср	
78030	Criminal Sentencing Law	6ср		9 4 917	Using Health Care Data for Decision Making	6ср	
76030	Genetics and the Law	6ср		92918	Fundamentals of Critical Care Nursing	6ср	
76033	Animal Law and Policy in Australia	6cp		92919	Complex Critical Care	6ср	
76034	Law of Slavery and Human Trafficking	6cp		92920	Neuroscience: Trauma and Cerebrovascular		
	<u> </u>	-		-		Г	

92921	Neuroscience: Degenerative and			92887	Organisational Management in Health Care	6ср
	Oncological	6ср		92895	Issues in Neonatal Care	6cp
92932	Management for Clinicians	6ср		92902	Care of the Acutely Ill Child	6cp
92609	Pharmacological Therapies in Advanced	···r		92905	Dimensions of Anaesthesia Nursing	6cp
,200,	Practice	6ср		92760	Fundamentals of Postanaesthesia Recovery	ocp
92946	Project Part A	6ср		,	Nursing	6ср
92947	Project Part B	6ср		92917	Using Health Care Data for Decision	ocp
92812	Project	12cp		,_,,,	Making	6ср
92616	Core Concepts in Acute Care Nursing	6cp		92918	Fundamentals of Critical Care Nursing	6cp
92617	Early Interventions in Acute Care Nursing	6ср		92919	Complex Critical Care	6cp
92023	Health Services Resource Management	6ср		92920	Neuroscience: Trauma and Cerebrovascular	6ср
92296	Epidemiology and Population Health	6ср		92921	Neuroscience: Degenerative and	оср
92022	Improving Quality and Safety in Health	оср		72721	Oncological	6ср
72022	Care	6cn		92932	Management for Clinicians	6ср
92297	Health Systems and Change	6ср 6ср		92878	Care of the Child in Illness and Disability	6ср
92050	Policy, Power and Politics in Health Care			92964	Child and Adolescent Mental Health	оср
92051	Health Services Management and Legal	6ср		9290 1	Disorders	6an
92031	Issues	6cn		92609	Pharmacological Therapies in Advanced	6ср
92295	Advanced Health Services Planning	6cp		92009	Practice	6cn
92021	Perinatal Mental Health	6cp		92616	Core Concepts in Acute Care Nursing	6cp
92612	Research in Health	6cp		92617	Early Interventions in Acute Care Nursing	6cp
92612		6cp			Policy, Power and Politics in Health Care	6cp
92010	Law, Ethics and Accountability in Advanced			92050		6ср
00730	Practice	6ср		92051	Health Services Management and Legal	6.00
98728	Leadership, Accountability and Role	6 010		02205	Issues	6cp
02/12	Development in Advanced Practice	6ср		92295	Advanced Health Services Planning	6cp
92613	Principles of Child and Family Health			92021	Perinatal Mental Health	6ср
02024	Nursing	6cp		92612	Research in Health	6ср
92934	Clinical Management of Diabetes	6cp		92610	Law, Ethics and Accountability in Advanced	(
015356	Learning in Diabetes Education	6cp		00700	Practice	6ср
92845	Primary Health Care	6cp		98728	Leadership, Accountability and Role	
92620	Family and Community Health Practice	6ср	140	00/40	Development in Advanced Practice	6ср
		Tota	l 18cp	92613	Principles of Child and Family Health	
001/005	40.0 1 . /= 1 .:				Nursing	6ср
	12 Sub-major/Four electives			92934	Clinical Management of Diabetes	6ср
	credit points from the following options:		24cp	015356	Learning in Diabetes Education	6ср
SMJ06020	Anaesthetics and Recovery Room Nursing	24cp		92845	Primary Health Care	6ср
SMJ06022	2 Children's Nursing	24cp		92620	Family and Community Health Practice	6ср
SMJ06023	3 Critical Care Nursing	24cp				Total 12cp
SMJ06024	4 Mental Health Nursing	24cp				
	Mental Health Nursing Neonatal Nursing	24cp 24cp		CBK9051	5 Electives	
SMJ0602					5 Electives redit points from the following options:	24cp
SMJ06025 SMJ06026	5 Neonatal Nursing	24cp				24cp
SMJ06025 SMJ06025 SMJ06025	5 Neonatal Nursing 6 Neuroscience Nursing	24cp 24cp		Select 24 c	redit points from the following options:	24cp 6cp
SMJ06025 SMJ06025 SMJ06025 SMJ07005	5 Neonatal Nursing 6 Neuroscience Nursing 7 Perioperative Nursing	24cp 24cp 24cp 24cp 24cp		Select 24 c	redit points from the following options: Managing Quality, Risk and Cost in Health	
SMJ06025 SMJ06025 SMJ07005 CBK9051 SMJ06035	5 Neonatal Nursing 6 Neuroscience Nursing 7 Perioperative Nursing 2 Clinical Teaching 5 Electives 2 Acute Care Nursing	24cp 24cp 24cp 24cp 24cp		Select 24 c 92603	redit points from the following options: Managing Quality, Risk and Cost in Health Care	6ср
SMJ06025 SMJ06025 SMJ07005 CBK9051 SMJ06035	5 Neonatal Nursing 6 Neuroscience Nursing 7 Perioperative Nursing 2 Clinical Teaching 5 Electives 2 Acute Care Nursing	24cp 24cp 24cp 24cp		Select 24 ct 92603 92604	redit points from the following options: Managing Quality, Risk and Cost in Health Care Mental Health Assessment Therapeutic Interventions in Mental Health Care 2	6ср
SMJ0602: SMJ0602: SMJ0700: CBK9051 SMJ0603: SMJ0603:	5 Neonatal Nursing 6 Neuroscience Nursing 7 Perioperative Nursing 2 Clinical Teaching 5 Electives 2 Acute Care Nursing 3 Child and Family Health Nursing	24cp 24cp 24cp 24cp 24cp 24cp		Select 24 ct 92603 92604	redit points from the following options: Managing Quality, Risk and Cost in Health Care Mental Health Assessment Therapeutic Interventions in Mental Health Care 2	6cp 6cp
SMJ0602: SMJ0602: SMJ0700: CBK9051 SMJ0603: SMJ0603:	5 Neonatal Nursing 6 Neuroscience Nursing 7 Perioperative Nursing 2 Clinical Teaching 5 Electives 2 Acute Care Nursing	24cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp	24cp	Select 24 ct 92603 92604 92605	redit points from the following options: Managing Quality, Risk and Cost in Health Care Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Education for Practice Development Health Breakdown	6ср 6ср
SMJ0602: SMJ0602: SMJ0700: CBK9051 SMJ0603: SMJ0603:	5 Neonatal Nursing 6 Neuroscience Nursing 7 Perioperative Nursing 2 Clinical Teaching 5 Electives 2 Acute Care Nursing 3 Child and Family Health Nursing	24cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp	24cp	Select 24 ct 92603 92604 92605 92607	redit points from the following options: Managing Quality, Risk and Cost in Health Care Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Education for Practice Development Health Breakdown	6cp 6cp 6cp 6cp 6cp
SMJ0602: SMJ0602: SMJ0700: SMJ0700: CBK9051 SMJ0603: SMJ0603-	5 Neonatal Nursing 6 Neuroscience Nursing 7 Perioperative Nursing 2 Clinical Teaching 5 Electives 2 Acute Care Nursing 3 Child and Family Health Nursing 4 Diabetes Education and Management	24cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp	24cp	Select 24 ct 92603 92604 92605 92607 92713	redit points from the following options: Managing Quality, Risk and Cost in Health Care Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Education for Practice Development	6cp 6cp 6cp 6cp 6cp 6cp
SMJ0602: SMJ0602: SMJ07002: SMJ07002: SMJ0603: SMJ0603: SMJ0603-	5 Neonatal Nursing 6 Neuroscience Nursing 7 Perioperative Nursing 2 Clinical Teaching 5 Electives 2 Acute Care Nursing 3 Child and Family Health Nursing 4 Diabetes Education and Management 13 Sub-major/Four electives	24cp 24cp 24cp 24cp 24cp 24cp 24cp Total	•	Select 24 ct 92603 92604 92605 92607 92713 92848	redit points from the following options: Managing Quality, Risk and Cost in Health Care Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Education for Practice Development Health Breakdown Facilitation of Clinical Learning	6cp 6cp 6cp 6cp 6cp
SMJ0602: SMJ0602: SMJ0700: CBK9051 SMJ0603: SMJ0603: SMJ0603-	5 Neonatal Nursing 6 Neuroscience Nursing 7 Perioperative Nursing 2 Clinical Teaching 5 Electives 2 Acute Care Nursing 3 Child and Family Health Nursing 4 Diabetes Education and Management 13 Sub-major/Four electives onal students can only undertake the Clinical Teaching 15 Neonatal Nursing 16 Neonatal Nursing 17 Electives	24cp 24cp 24cp 24cp 24cp 24cp 24cp Total	•	Select 24 ct 92603 92604 92605 92607 92713 92848 92871	redit points from the following options: Managing Quality, Risk and Cost in Health Care Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Education for Practice Development Health Breakdown Facilitation of Clinical Learning Perinatal Development	6cp 6cp 6cp 6cp 6cp 6cp
SMJ0602: SMJ0602: SMJ0700: CBK9051 SMJ0603: SMJ0603: SMJ0603-	5 Neonatal Nursing 6 Neuroscience Nursing 7 Perioperative Nursing 2 Clinical Teaching 5 Electives 2 Acute Care Nursing 3 Child and Family Health Nursing 4 Diabetes Education and Management 13 Sub-major/Four electives	24cp 24cp 24cp 24cp 24cp 24cp 24cp Total	•	Select 24 ct 92603 92604 92605 92607 92713 92848 92871	redit points from the following options: Managing Quality, Risk and Cost in Health Care Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Education for Practice Development Health Breakdown Facilitation of Clinical Learning Perinatal Development Therapeutic Interventions in Mental Health	6cp 6cp 6cp 6cp 6cp 6cp 6cp
SMJ0602: SMJ0602: SMJ0602: SMJ0700: CBK9051 SMJ0603: SMJ0603: CBK905 Internation	5 Neonatal Nursing 6 Neuroscience Nursing 7 Perioperative Nursing 2 Clinical Teaching 5 Electives 2 Acute Care Nursing 3 Child and Family Health Nursing 4 Diabetes Education and Management 13 Sub-major/Four electives onal students can only undertake the Clinical Teaching and Management sub-major.	24cp 24cp 24cp 24cp 24cp 24cp 24cp Total	•	Select 24 ct 92603 92604 92605 92607 92713 92848 92871 92876	redit points from the following options: Managing Quality, Risk and Cost in Health Care Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Education for Practice Development Health Breakdown Facilitation of Clinical Learning Perinatal Development Therapeutic Interventions in Mental Health Care Care of the Child in Illness and Disability	6cp 6cp 6cp 6cp 6cp 6cp
SMJ0602: SMJ0602: SMJ0700: CBK9051 SMJ0603: SMJ0603: CBK905 International major or Complete	5 Neonatal Nursing 6 Neuroscience Nursing 7 Perioperative Nursing 2 Clinical Teaching 5 Electives 2 Acute Care Nursing 3 Child and Family Health Nursing 4 Diabetes Education and Management 13 Sub-major/Four electives onal students can only undertake the Clinical Teaching the Clinical Management sub-major. ion requirements	24cp 24cp 24cp 24cp 24cp 24cp 24cp Total	g sub-	Select 24 ct 92603 92604 92605 92607 92713 92848 92871 92876	redit points from the following options: Managing Quality, Risk and Cost in Health Care Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Education for Practice Development Health Breakdown Facilitation of Clinical Learning Perinatal Development Therapeutic Interventions in Mental Health Care	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
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SMJ0602: SMJ0602: SMJ0602: SMJ07002: SMJ0603: SMJ0603: SMJ0603: SMJ0603: SMJ0603: SMJ0819: CBK9051 CBK9051 CBK9051 CBK9051 92603 92604 92605 92607 92713 92721 92847 92848 92871	5 Neonatal Nursing 6 Neuroscience Nursing 7 Perioperative Nursing 2 Clinical Teaching 5 Electives 2 Acute Care Nursing 3 Child and Family Health Nursing 4 Diabetes Education and Management 13 Sub-major/Four electives 2 Data students can only undertake the Clinical Teaching and Evaluation and Management 13 Sub-major/Four electives 2 Inical Management sub-major. 2 Clinical Management sub-major. 3 Clinical Management following options: 4 Clinical Management 6 Electives 14 Electives 14 Electives 15 Credit points from the following options: 16 Managing Quality, Risk and Cost in Health 17 Care 18 Mental Health Assessment 19 Therapeutic Interventions in Mental Health 19 Care 2 2 Education for Practice Development 19 Health Breakdown 10 Health Breakdown 11 Health Promotion and Health Education 12 Planning and Evaluating Health Services 13 Facilitation of Clinical Learning 18 Perinatal Development 19 Therapeutic Interventions in Mental Health 19 Therapeutic Interventions in Mental Health 10 Therapeutic Interventions in Mental Health	24cp 24cp 24cp 24cp 24cp 24cp 24cp Total 24cp Total 24cp 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	g sub- 24cp	Select 24 ct 92603 92604 92605 92607 92713 92848 92871 92876 92888 92881 92887 92902 92905 92918 92919 92920 92921 92921 92932 92616 92617 92882 92760 92613	redit points from the following options: Managing Quality, Risk and Cost in Health Care Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Education for Practice Development Health Breakdown Facilitation of Clinical Learning Perinatal Development Therapeutic Interventions in Mental Health Care Care of the Child in Illness and Disability Foundations of Perioperative Nursing Organisational Management in Health Care Issues in Neonatal Care Care of the Acutely Ill Child Dimensions of Anaesthesia Nursing Fundamentals of Critical Care Nursing Complex Critical Care Neuroscience: Trauma and Cerebrovascular Neuroscience: Degenerative and Oncological Management for Clinicians Core Concepts in Acute Care Nursing Early Interventions in Acute Care Nursing Techniques in Perioperative Nursing Fundamentals of Postanaesthesia Recovery Nursing Principles of Child and Family Health Nursing Clinical Management of Diabetes Learning in Diabetes Education Primary Health Care	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
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Select 24 credit points from the following options: 92603 Managing Quality, Risk and Cost in Health Care 92607 Education for Practice Development 92713 Health Breakdown 92848 Facilitation of Clinical Learning 92869 Specialty Clinical Practice 92887 Organisational Management in Health Care 92932 Management for Clinicians 92932 Management for Clinicians 92934 Clinical Management of Diabetes 92932 Clinical Management of Diabetes 92845 Primary Health Care 92620 Family and Community Health Practice CBK90517 Electives Select 8 credit points from the following options: 57008 Digital Libraries and Collections 57152 Investigative Research in the Digital Environment 57153 Digital Curation 57181 Recordkeeping Fundamentals CBK90518 Electives Select 8 tredit points from the following options: Select 8 tredit points from the following options: Select 8 tredit points from the Digital Environment Sep Total 8cp	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Managing Quality, Risk and Cost in Health Care 6cp 77751 Feducation for Practice Development 6cp 92713 Health Breakdown 92848 Facilitation of Clinical Learning 92869 Specialty Clinical Practice 92887 Organisational Management in Health Care 92932 Management for Clinicians 92934 Clinical Management of Diabetes 1015356 Learning in Diabetes Education 92845 Primary Health Care 92860 Family and Commercial Arbitration (Domestic) 6cp 77761 Family Dispute Resolution in Commerce 77767 Taxation Administration 1 International Commercial Dispute Resolution Nursing 92934 Clinical Management of Diabetes 6cp 77792 Crisis Negotiation 1 International Environmental Law Resolution Psychology and Dispute Resolution 92845 Primary Health Care 92620 Family and Community Health Practice 6cp 77880 Psychology and Dispute Resolution 92620 Family and Community Health Practice 6cp 77880 CBK90517 Electives Select 8 credit points from the following options: Select 8 credit points fro	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
92607 Education for Practice Development 92713 Health Breakdown 92848 Facilitation of Clinical Learning 92869 Specialty Clinical Practice 92887 Organisational Management in Health Care 929887 Organisational Management in Health Care 92932 Management for Clinicians 92613 Principles of Child and Family Health Nursing 92934 Clinical Management of Diabetes 1015356 Learning in Diabetes Education 92845 Primary Health Care 92867 Organisational Management of Oiabetes 92934 Clinical Management of Oiabetes 92945 Primary Health Care 92869 Family and Community Health Practice 92620 Family	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Pach Beath Breakdown 6cp 77752 Commercial Arbitration (Domestic) 92848 Facilitation of Clinical Learning 6cp 77760 Family Dispute Resolution 92869 Specialty Clinical Practice 6cp 77761 Dispute Resolution in Commerce 92887 Organisational Management in Health Care 6cp 77767 Taxation Administration 92932 Management for Clinicians 6cp 77783 International Commercial Dispute Resolution Nursing 6cp 77792 Crisis Negotiation 92934 Clinical Management of Diabetes 6cp 77794 International Environmental Law 1015356 Learning in Diabetes Education 6cp 77796 Taxation of Business Entities 92845 Primary Health Care 6cp 77867 Workplace Dispute Resolution 92620 Family and Community Health Practice 6cp 77867 Workplace Dispute Resolution CBK90517 Electives Select 8 credit points from the following options: 8cp 77901 Securities Markets Law CDBK90518 Electives CBK90518 Electives CBK90518 Electives CBK90518 Electives Commercial Arbitration (Domestic) Family Dispute Resolution in Commerce Taxation Administration 1 Dispute Resolution Administration 1 International Environmental Law 1 International Environmental Law 1 Total 24cp 77860 Psychology and Dispute Resolution 1 Designs Law and Practice 1 Patent Law 2 Copyright Law 3 Copyright Law 4 Current Issues in Taxation 4 International Business Law 4 Current Issues in Taxation 4 International Taxation Law 4 Practice 4 Practice 4 Law of the Sea 4 International Commercial Dispute 4 Dispute Resolution 5 Pach 77903 International Commercial Dispute 5 Pach 77904 Practice 5 Pach 77905 Psychology and Dispute Resolution 5 Pach 77905 Psychology and Dispute Resolution 5 Pach 77867 Psychology and Dispute Resolution 5 Psychology and Dispute Resolution 6 Cp 777867 Workplace Disput	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
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92869 Specialty Clinical Practice 6cp 77761 92887 Organisational Management in Health Care 6cp 77767 92932 Management for Clinicians 6cp 77783 International Commercial Dispute Resolution 92613 Principles of Child and Family Health Nursing 6cp 77792 92934 Clinical Management of Diabetes 6cp 77794 015356 Learning in Diabetes Education 6cp 777867 92845 Primary Health Care 6cp 77860 92620 Family and Community Health Practice 6cp 77880 Pocal Province Pro	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
92932 Management for Clinicians 6cp 77783 International Commercial Dispute Resolution 92913 Principles of Child and Family Health Nursing 6cp 77794 International Environmental Law 015356 Learning in Diabetes Education 6cp 77850 Psychology and Dispute Resolution 92845 Primary Health Care 6cp 77850 Psychology and Dispute Resolution 92620 Family and Community Health Practice 6cp 77887 Patent Law CBK90517 Electives Select 8 credit points from the following options: 8cp 77900 Goods and Services Tax Select 8 credit points from the following options: 8cp 77901 Scruities Markets Law 57103 Knowledge Management Strategies 8cp 77924 Superannuation and Retirement Planning International Business Law 57152 Investigative Research in the Digital Environment 8cp 77953 International Business Law 57153 Digital Curation 8cp 7796 World Trade Organisation Law Practice Total 8cp 7800 International Criminal Law CBK90518 Electives CBK90518 Electives 8cp 78010 International Criminal Law Copyright Law Current Issues in Taxation International Taxation Law Practice Law of the Sea International Criminal Law International Criminal Law Practice Law of the Sea International Criminal Law Practice Law of the Sea International Sale of Goods Global Aspects of Intellectual Property	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Principles of Child and Family Health Nursing 92934 Clinical Management of Diabetes 6cp 77794 International Environmental Law 015356 Learning in Diabetes Education 92845 Primary Health Care 92620 Family and Community Health Practice 6cp 77850 Psychology and Dispute Resolution 6cp 77850 Psychology and Dispute Resolution 6cp 77893 Designs Law and Practice 6cp 77890 Goods and Services Tax 8cp 77900 Goods and Services Tax 8cp 77901 Securities Markets Law Copyright Law 57103 Knowledge Management Strategies 8cp 77924 Superannuation and Retirement Planning 57147 Enterprise Content Management 8cp 77945 Current Issues in Taxation 1nternational Business Law Current Issues in Taxation 1nternational Taxation Law Fortice Family and Community Health Practice 8cp 77903 Coods and Services Tax 8cp 77904 Securities Markets Law Copyright Law Superannuation and Retirement Planning International Business Law Current Issues in Taxation 1nternational Taxation Law Fortice Family and Community Health Practice 8cp 77945 Current Issues in Taxation 1nternational Taxation Law Fortice Family and Community Health Practice 8cp 77945 Current Issues in Taxation 1nternational Taxation Law Fortice Family Adaptive Research in the Digital Environment 8cp 77976 World Trade Organisation Law and Practice Family Adaptive Research Intellectual Property Family Adaptive Research Intellectual Property Fortic Resolution Faxition of Business Entities Psychology and Dispute Resolution Faxition of Business Entities Faxition of Business	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Nursing 6cp 77792 Crisis Negotiation 92934 Clinical Management of Diabetes 6cp 77794 International Environmental Law 015356 Learning in Diabetes Education 6cp 77796 Taxation of Business Entities 92845 Primary Health Care 6cp 77850 Psychology and Dispute Resolution 92620 Family and Community Health Practice 6cp 77867 Workplace Dispute Resolution Total 24cp 77898 Patent Law CBK90517 Electives Select 8 credit points from the following options: 8cp 77900 Goods and Services Tax Select 8 credit points from the following options: 8cp 77901 Securities Markets Law Copyright Law Superannuation and Retirement Planning International Business Law Current Issues in Taxation International Business Law Current Issues in Taxation International Taxation Law and Practice Patent Law Copyright Law Superannuation and Retirement Planning International Business Law Current Issues in Taxation International Taxation Law and Practice Law of the Sea Law of the Sea Law of the Sea International Criminal Law International Criminal Law International Sale of Goods Global Aspects of Intellectual Property	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Posigns Law and Practice Certain points from the following options: Select 8 credit points from the following options: Total 24cp T	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
O15356 Learning in Diabetes Education 92845 Primary Health Care 92620 Family and Community Health Practice CBK90517 Electives Select 8 credit points from the following options: 57008 Digital Libraries and Collections 57103 Knowledge Management Strategies 57147 Enterprise Content Management 57152 Investigative Research in the Digital Environment 57153 Digital Curation 57181 Recordkeeping Fundamentals CBK90518 Electives Cepyright Law Copyright Law Superannuation and Retirement Planning Total 8cp Tot	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Primary Health Care 92620 Family and Community Health Practice Family and Practice Family and Community Health Practice Family and Pract	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
CBK90517 Electives Select 8 credit points from the following options: 57008 Digital Libraries and Collections 57103 Knowledge Management Strategies 5712 Investigative Research in the Digital Environment 57153 Digital Curation 57151 Recordkeeping Fundamentals CBK90518 Electives Total 24cp 77893 Patent Law 77900 Goods and Services Tax 77901 Securities Markets Law 77903 Copyright Law 77904 Superannuation and Retirement Planning 77905 International Business Law 77905 International Business Law 77945 Current Issues in Taxation 77953 International Taxation Law 77953 International Taxation Law 77954 World Trade Organisation Law and 78010 International Criminal Law 78011 International Criminal Law 78011 International Sale of Goods 78015 Global Aspects of Intellectual Property	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
CBK90517 Electives Select 8 credit points from the following options: Securities Markets Law Copyright Law Copyright Law Superannuation and Retirement Planning Tryology Superannuation and Retirement Planning Tryology Securities Markets Law Copyright Law Superannuation and Retirement Planning International Business Law Tryology Superannuation and Retirement Planning Tryology Tryology Superannuation and Retirement Planning Tryology Superannuation and Retirement Planning Tryology Tryology Superannuation and Retirement Planning Tryology Superannuation and Retirement Planning Tryology Tryology Superannuation and Retirement Planning Tryology Superannuation and Retirement Planning Tryology Tryology Superannuation and Retirement Planning Tryology Tryology Superannuation and Retirement Planning Tryology Tryology Tryology Superannuation and Retirement Planning Tryology Tryology Tryology Tryology Superannuation and Retirement Planning Tryology	6cp 6cp 6cp 6cp 6cp 6cp 6cp
CBK90517 Electives Select 8 credit points from the following options: Select 8 credit points from the following options: Select 8 credit points from the following options: Securities Markets Law Copyright Law Superannuation and Retirement Planning International Taxation Practice Practice Total 8cp Total	6cp 6cp 6cp 6cp 6cp 6cp
Select 8 credit points from the following options: 57008 Digital Libraries and Collections 57103 Knowledge Management Strategies 57147 Enterprise Content Management 57152 Investigative Research in the Digital Environment 57153 Digital Curation 57181 Recordkeeping Fundamentals CBK90518 Electives Sep 77903 Copyright Law Copyright Law Superannuation and Retirement Planning 77935 International Business Law 77945 Current Issues in Taxation International Taxation Law 77953 World Trade Organisation Law Practice 78008 Law of the Sea International Criminal Law 178011 International Sale of Goods 78015 Global Assects of Intellectual Property	6cp 6cp 6cp 6cp 6cp 6cp
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57103 Knowledge Management Strategies 8cp 77924 Superannuation and Retirement Planning 57147 Enterprise Content Management 8cp 77935 International Business Law 77945 Current Issues in Taxation Law Environment 8cp 77953 International Taxation Law 77953 Digital Curation 8cp 77976 World Trade Organisation Law and Practice 78008 Law of the Sea 78010 International Criminal Law 78011 International Sale of Goods 78015 Global Aspects of Intellectual Property	6cp 6cp 6cp
57152 Investigative Research in the Digital Environment 8cp 77953 International Taxation 57153 Digital Curation 8cp 77976 World Trade Organisation Law and 57181 Recordkeeping Fundamentals 8cp 78008 Law of the Sea Total 8cp 78010 International Criminal Law CBK90518 Electives 78011 International Sale of Goods 78015 Global Aspects of Intellectual Property	6ср 6ср
Environment 8cp 77953 International Taxation Law Environment 8cp 77976 World Trade Organisation Law and Practice Formula Recordkeeping Fundamentals 8cp 78008 Law of the Sea Total 8cp 78010 International Criminal Law CBK90518 Electives 78011 International Criminal Law CBK90518 Electives 78015 Global Assects of Intellectual Property	6ср 6ср
57153 Digital Curation 8cp 779/6 World Trade Organisation Law and Practice 57181 Recordkeeping Fundamentals 8cp 78008 Law of the Sea 78010 International Criminal Law CBK90518 Electives 78015 Global Aspects of Intellectual Property	6ср
78008 Law of the Sea Total 8cp Total	
Total 8cp 78010 Law of the Sea 78010 International Criminal Law CBK90518 Electives 78011 International Sale of Goods 78015 Global Aspects of Intellectual Property	6cn
CBK90518 Electives 78011 International Sale of Goods 78015 Global Aspects of Intellectual Property	ocp
78015 Global Aspects of Intellectual Property	6ср 6ср
	оср
Select 16 credit points from the following options: 16cp Law	6ср
57153 Digital Curation 8cp 78016 International Humanitarian Law 57008 Digital Libraries and Collections 8cp 78023 International Trade Law and the	6ср
57084 Information Architecture and Decign 8ch 78025 International Trade Law and the	
57089 Information Research and Data Analysis 8cp T8026 Business and Law in China	6cp
57146 Organising Information 8cp 78029 Mediation Practice	6ср 6ср
57147 Enterprise Content Management 8cp 79771 Dispute Resolution	6ср
5/148 Discovering and Accessing information 8cp STM90111 Research project (Law PG)	12cp
CDK90522 Electives (Legal Studies)	12cp
57181 Record/coping Fundamentals 8cm	6cp
77890 Trade Marks Practice Total 16cp 78039 Wickedness and Vice	6ср 6ср
78040 The Law and Education	6ср
CBK90520 Electives 78042 Environmental Planning and	1
Select 16 credit points from the following options: 16cp Development Law 76008 Urrisprudence	6cp
57152 Investigative Research in the Digital 76008 Jurisprudence Environment 8cp 76024 Environmental Law	6cp
57153 Digital Curation 8cp 76053 Industrial Law	6ср 6ср
57008 Digital Libraries and Collections 8cp 76115 Insolvency	6ср
57089 Information Research and Data Analysis 8cp 76212 Revenue Law	6cp
57087 Knowledge Management and the 78111 Banking and Finance Law	6ср
Organisation 8cp 78113 Securities Regulation 57103 Knowledge Management Strategies 8cp 78115 Financial Analysis for the Transactional	6ср
57103 Knowledge Management Strategies 8cp 78115 Financial Analysis for the Transactional Lawyer	6ср
57181 Recordkeeping Fundamentals 8cp 78117 International Regulation of Financial	оср
Total 16cp Institutions	6ср
CBK90521 Electives 78122 Corporate Insolvency	6ср
70120 Corporate Governance	6cp
Select 16 credit points from the following options: 16cp 78129 Child Law in Australia 57008 Digital Libraries and Collections 8cp 78131 Complex Parenting Disputes	6ср 6ср
57084 Information Architecture and Design 8cp 78133 Complex Financial and Property Disputes	оср
57146 Organising Information 8cp (in Family Law)	6ср
57147 Enterprise Content Management 8cp 78135 Current Issues in Family Law	6ср
57148 Discovering and Accessing Information 8cp 78138 Facilitation 57152 Investigative Research in the Digital 78141 International and Comparative Family	6ср
57152 Investigative Research in the Digital 78141 International and Comparative Family Environment 8cp Law	6ср
57153 Digital Curation 8cp 78145 Contemporary Issues in Health Law	6ср
57181 Recordkeeping Fundamentals 8cp 78147 Dilemmas in Biomedical Law	6cp
Total 16cp 78150 Law and Mental Health	6ср
78153 International Commercial Transactions	6ср
CDV00E22 Electives [Logal Ctudies]	6cn
CBK90522 Electives (Legal Studies) 78156 International Environmental Law: Policy and Implementation	6cp
Free choice of electives. and Implementation	กตา
Free choice of electives. and Implementation 78158 Private International Law	6ср
Free choice of electives. CBK90523 Options (Legal Studies) Select 12 credit points from the following options: 12cp and Implementation Private International Law Rights and Obligations in the International Legal System	6cp
Free choice of electives. CBK90523 Options (Legal Studies) Select 12 credit points from the following options: 77701 International Economic Law (PG) A large transfer of the following options: 78158 Private International Law Rights and Obligations in the International Legal System Clobal Governance and Social Justice Company of the following options: 78160 Rights and Obligations in the International Legal System Clobal Governance and Social Justice Company of the following options: 78160 Rights and Obligations in the International Legal System Clobal Governance and Social Justice	6cp 6cp
Free choice of electives. CBK90523 Options (Legal Studies) Select 12 credit points from the following options: 77701 International Economic Law (PG) 77704 European Union Law And Implementation 78158 Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation 78164 Law and Regulation	6cp
Free choice of electives. CBK90523 Options (Legal Studies) Select 12 credit points from the following options: 77701 International Economic Law (PG) 77704 European Union Law 77715 Banking Law 77715 Banking Law 77816 and Implementation 78158 Private International Law 78160 Rights and Obligations in the International Legal System Global Governance and Social Justice 78164 Law and Regulation 78166 Media and Entertainment Law and Regulation 78166 Paralletics	6cp 6cp 6cp
Free choice of electives. CBK90523 Options (Legal Studies) Select 12 credit points from the following options: 12cp 77701 International Economic Law (PG) European Union Law 6cp 77715 Banking Law 6cp 77716 International Trade Law 6cp 778160 Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Regulation Regulation Regulation Regulation Regulation Regulation Regulation	6cp 6cp
Free choice of electives. CBK90523 Options (Legal Studies) Select 12 credit points from the following options: 12cp 77701 International Economic Law (PG) European Union Law Fights and Obligations in the International Legal System Global Governance and Social Justice T7704 European Union Law Fights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Regulation	6cp 6cp 6cp

78178	Telecommunications Law and Regulations	6cn	76020	Entertainment Law	6cn
		6cp			6ср
78173	Dispute Resolution in Civil Practice	6ср	76021	Advanced Remedies	6ср
78180	Converging Media Industries: Regulatory		76082	International Regulation of Financial	
	Challenges	6ср		Institutions	6ср
78181	Deceptive Trade Practices	6ср	76037	Advanced Criminal Law	6cp
78182	Human Rights Law	6ср	76081	Gender, Law and Sexuality	6ср
78041	New Families, New Technologies		76112	Conflict of Laws	. *
		6ср			6ср
78188	Intellectual Property Commercialisation	6ср	76212	Revenue Law	6ср
78184	Intellectual Property: Law and Policy	6ср	78013	Refugee Law and Practice	6ср
78186	Intellectual Property and Traditional		78025	Intellectual Property: Law and Policy	6ср
	Knowledge	6ср	78016	International Humanitarian Law	6ср
78197	Corporate Finance Transactions 1	6cp	78039	Wickedness and Vice	6cp
78199	Corporate Finance Transactions 2	. *	78040	The Law and Education	. *
		6cp			6ср
78201	International Development Law	6cp	78042	Environmental Planning and	
78206	International Organisations	6ср		DevelopmentLaw	6ср
		Total 12cp	76022	Insurance Law	6ср
		_	76025	International Organisations	6ср
CBK905	24 Teaching Discipline Contents		76904	Price International Media Law Moot	6cp
	ce of electives.				Total 6cp
riee choi	ce of electives.				тошт оср
			CDIVOO	FOO Flootings	
CBK905	25 Electives (TAFE articulation)		CBK90	528 Electives	
Free choi	ce of electives.		Select 24	4 credit points from the following options:	24cp
			57014	Feature Writing	8cp
CDKOUE	24 Ontion (Law)		57046	Professional Editing	8cp
	26 Option (Law)		57053		
Select 6 c	redit points from the following options:	6ср		Book Publishing and Marketing	8cp
76002	Sports Law	6ср	57101	Advanced Screenwriting	8cp
76003	Asian Law and Legal Systems	6cp	57122	Short Fiction Workshop	8ср
76005	Islamic Law	6ср	57124	Novel Writing	8ср
		. *	57133	Writing Poetry	8cp
76006	Public International Law	6cp	57142	Writing for the Screen	8cp
76007	International Human Rights Law	6ср	57165		
76008	Jurisprudence	6ср		True Crime	8cp
76012	Criminology	6ср	57144	Popular Fiction	8cp
76015	Labour Law	6cp	57145	Freelance Writing	8ср
76016	Advanced Revenue Law	6ср	57989	Mise-en-Scene	8ср
		оср	57154	Writing Television Drama	8cp
76023	Deceptive Trade Practices and Product		57162	Memory and Life Writing	8cp
	Liability	6ср	57178	Digital and Multiplatform Storytelling	
76024	Environmental Law	6ср	3/1/6	Digital and Multiplation Storyteiling	8cp
76027	Competition Law	6ср			Total 24cp
76039	Jessup International Moot	6ср			
76040	Research Thesis	6ср	CBK90	531 Computer Systems choice	
76042	Electronic Communications Content	оср		2 credit points from the following options:	12cp
70042		C	49261	Biomedical Instrumentation	
	Regulation	6ср			6ср
76045	Medicine and Law	6ср	49275	Neural Networks and Fuzzy Logic	6ср
76047	Advanced Contracts	6ср	49274	Advanced Robotics	6ср
76048	Citizenship and Immigration Law	6ср	49048	Wireless Networking Technologies	6ср
76052	Dispute Resolution Advocacy	6ср	49262	Web Technologies	6ср
76053	Industrial Law	, -	49263	Software Analysis and Design	6cp
		6cp	32603	Systems Quality Management	6cp
76063	Media Law	6ср		Even dome antala of Coftware Dovelarms ant	
76066	Children and the Law	6ср	32555	Fundamentals of Software Development	6ср
76068	Indigenous Peoples and the Law	6ср	49227	Wireless Sensor Networks	6ср
76069	Community Justice Studies	6ср	49329	Control of Mechatronic Systems	6ср
76070	Biomedical Law and Bioethics	6cp	49330	Sensors and Signal Processing	6ср
76074	Australian Civil Liberties Law	6ср		0	Total 12cp
76075	Contemporary Legal Studies 1	. *			r
		6cp	CBKOU	532 Elective	
76076	Contemporary Legal Studies 2	6ср			
76080	Finance Law	6ср	Free cho	pice of electives.	
76115	Insolvency	6ср			
76516	Family Law	6ср	CBK90!	533 Electives (Environmental Biology)	
76517	Succession	6ср		pice of electives.	
76521	Intellectual Property and Traditional	T.	1100 0110	200 01 01001 700.	
70021	Knowledge	600	CDIVOO	E2/ Flooting (Madical Calamas)	
76702		6ср		534 Electives (Medical Science)	
76703	Indigenous Peoples, the Environment and		Free cho	pice of electives.	
	Property	6ср			
76801	Exchange Subject 1	6ср	CBK90	535 Electives	
76802	Exchange Subject 2	6ср			2.4
76803	Exchange Subject 3	6cp		4 credit points from the following options:	24cp
76804	Exchange Subject 4	, *	91129	Transfusion Science	6ср
		6cp	91132	Molecular Biology 1	6ср
76900	Moot	6cp	91320	Metabolic Biochemistry	6ср
76901	Vis Arbitral Moot	6ср	91326	Analytical Biochemistry	6ср
77704	European Union Law	6ср	91330		ocp.
77715	Banking Law	6ср	71330	Epidemiology and Public Health	600
76001	Comparative Law	6ср	04.22=	Microbiology	6cp
76009	Introduction to Chinese Business Law	. *	91335	Molecular Biology 2	6ср
		6cp	91338	Clinical Bacteriology	6ср
77794	International Environmental Law	6ср	91345	Biochemistry, Genes and Disease	6ср
76010	Disability and the Law	6ср	91351	Immunology 1	3ср
77901	Securities Markets Law	6ср			. *
76013	World Trade Law	6cp	91352	Parasitology	6cp
78008	Law of the Sea	6ср	91354	Anatomical Pathology	6ср
76019		ocp	91355	Haematology 1	3ср
70019	Broadcasting and Telecommunications	(91358	Advanced Haematology	6cp
E0004	Regulation	6ср	91359	Advanced Immunology	6cp
78021			00,		p'
	Contemporary Issues in Constitutional		91344	Medical and Diagnostic Biochemistry	6cp
	Contemporary Issues in Constitutional Law	6ср	91344	Medical and Diagnostic Biochemistry	6cp
		6ср	91344	Medical and Diagnostic Biochemistry	6cp Total 24cp

CBK9053	36 Finance strand			013006	Educating Students with Special Needs	6ср	
	credit points from the following options:		48cp	013001	The Psychology of Adolescent Learning	6cp	
25921	Theory of Financial Decision Making	6ср	1	92876	Therapeutic Interventions in Mental Health		
25922	Financial Econometrics	6cp		92605	Care Therapeutic Interventions in Mental Health	6ср	
25924 25923	Advanced Corporate Finance	6cp		92003	Care 2	6ср	
25728	Derivative Security Pricing Bond Portfolio Management	6ср 6ср		92964	Child and Adolescent Mental Health	··r	
25729	Applied Portfolio Management	6cp			Disorders	6ср	
25984	Thesis in Finance and Economics (Honours)	12cp		013159	Independent Study Project 2	6cp	04
		Total	48cp			Iotai	24cp
CBK9053	37 Economics strand			CBK9054	2 Elective		
Select 48	credit points from the following options:		48cp	Select 12 c	redit points from the following options:		12cp
25921	Theory of Financial Decision Making	6ср	1	013088	Educational Management	6cp	
25922	Financial Econometrics	6cp		013082 013102	Aboriginal Social and Political History Introduction to Language	6ср 6ср	
25924 25984	Advanced Corporate Finance Thesis in Finance and Economics (Honours)	6cp		013102	Programming and Assessment in Language	оср	
23704	Thesis in Finance and Leononius (Fionours)		48cp		Literacy and Numeracy	6ср	
			1	013115	Professional Practice and Changing Work	6cp	
CBK9054	41 Options			013118	Teaching and Learning Literacy	6cp	
	credit points from the following options:		24cp	013124 013149	Work and People The Language Literacy and Numeracy	6ср	
013098	Independent Study Project 1	6cp		015147	Learner	6ср	
013951 013952	Learning and Change Research Perspectives	6ср 6ср		013152	Individual Difference and Vocational	- · · I	
013087	Discourse Analysis	6ср			Education Teaching	6ср	
013090	e-Learning Design	6cp		013958	Language Teaching Methodology	6cp	
013091	e-Learning Experiences 1	6ср		013959 013960	Communication and Learning Individual Communication in the	6ср	
013092	e-Learning Experiences 2	6cp		013900	Workplace	6ср	
013093 013095	e-Learning Technologies Global Englishes	6cp		013961	Team Communication in the Workplace	6ср	
013093	Grammar and the Construction of	6ср		013970	Using Information Technology for Learning	6cp	
010070	Meaning	6ср		013971	Teaching and Learning Numeracy	6cp	
013104	Language and Power	6cp		013972	Organisational Learning	6ср	
013105	Language Development	6cp		013975	Designing and Developing Simulations and Games	6ср	
013106	Mentoring in the Workplace	6cp		013977	Teaching and Learning in Practice	6ср	
013107 013112	Phonology and Pronunciation Research Design	6ср 6ср			8		12cp
013112	Skill Learning and the Development of	оср		001/005/	.		
	Expertise	6ср			3 Elective		
013117	Theory and Practice of Literacy	6cp			redit points from the following options:	(12cp
013120	The Psychology of Adult Development	6ср		013088 013082	Educational Management Aboriginal Social and Political History	6ср 6ср	
013121	Theory and Practice of Teaching English to Speakers of other Languages	6ср		013102	Introduction to Language	6ср	
013122	Understanding Adult Education and	оср		013110	Programming and Assessment in Language	1	
	Training	6ср		0.1.0.1.0	Literacy and Numeracy	6cp	
013123	Work and Learning	6ср		013115 013118	Professional Practice and Changing Work	6cp	
013125	Adult Education: History, Policy and	600		013118	Teaching and Learning Literacy Work and People	6ср 6ср	
013127	Context Communication Management	6ср 6ср		013149	The Language Literacy and Numeracy	оср	
013128	Learning and Change in Organisations	6ср			Learner	6ср	
013129	Effective Cognitive Learning Strategies	6cp		013152	Individual Difference and Vocational		
013130	Education for Social Change 1	6cp		013958	Education Teaching Language Teaching Methodology	6cp	
013131	Education for Social Change 2	6ср		013959	Language Teaching Methodology Communication and Learning	6ср 6ср	
013132 013133	Technology Enhanced Language Learning Individual Instruction for Diverse Learners	6ср 6ср		013960	Individual Communication in the	ocp	
013134	Changing Practices Research Seminar	6ср			Workplace	6ср	
013135	Literary Theory and Education	6cp		013961	Team Communication in the Workplace	6ср	
013136	Developing People and Teams	6cp		013970	Using Information Technology for Learning	6an	
013137	Educational Leadership	6cp		013971	Teaching and Learning Numeracy	6ср 6ср	
013138	Teaching and Learning in Higher Education	6ср		013972	Organisational Learning	6ср	
013139	Assessing Learning	6ср		013975	Designing and Developing Simulations	1	
013140	Simulation and Games	6cp			and Games	6ср	
013141					m 1. 1 m		
013142	Language Programming and Assessment	6cp		013977	Teaching and Learning in Practice	6cp	
	Language Programming and Assessment Adult Learning and Program	6ср		013977 013097	Human Resource Development in	-	
013143	Language Programming and Assessment Adult Learning and Program Development	6ср 6ср		013097	Human Resource Development in Organisations	6ср	
013143 013144	Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar	6cp 6cp 6cp			Human Resource Development in	-	
013143 013144 013145	Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family Culture, Difference and Curriculum	6ср 6ср		013097 013151 013963 013966	Human Resource Development in Organisations Project Management Cultural Diversity at Work e-Learning Experiences	6cp 6cp 6cp 6cp	
013144 013145 013146	Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family Culture, Difference and Curriculum Using Film for Critical Pedagogy	6cp 6cp 6cp		013097 013151 013963 013966 013967	Human Resource Development in Organisations Project Management Cultural Diversity at Work e-Learning Experiences e-Learning Design	6cp 6cp 6cp 6cp	
013144 013145	Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family Culture, Difference and Curriculum Using Film for Critical Pedagogy Human Resources and Organisational	6cp 6cp 6cp 6cp 6cp		013097 013151 013963 013966 013967 013976	Human Resource Development in Organisations Project Management Cultural Diversity at Work e-Learning Experiences e-Learning Design Strategic Human Resource Development	6cp 6cp 6cp 6cp	
013144 013145 013146 013147	Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family Culture, Difference and Curriculum Using Film for Critical Pedagogy Human Resources and Organisational Development	6cp 6cp 6cp 6cp 6cp		013097 013151 013963 013966 013967	Human Resource Development in Organisations Project Management Cultural Diversity at Work e-Learning Experiences e-Learning Design Strategic Human Resource Development Organisational Learning and Change:	6cp 6cp 6cp 6cp 6cp	
013144 013145 013146	Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family Culture, Difference and Curriculum Using Film for Critical Pedagogy Human Resources and Organisational Development The Arts in Supervision and Self Work	6cp 6cp 6cp 6cp 6cp 6cp		013097 013151 013963 013966 013967 013976	Human Resource Development in Organisations Project Management Cultural Diversity at Work e-Learning Experiences e-Learning Design Strategic Human Resource Development	6cp 6cp 6cp 6cp 6cp 6cp	12cp
013144 013145 013146 013147 013949	Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family Culture, Difference and Curriculum Using Film for Critical Pedagogy Human Resources and Organisational Development	6cp 6cp 6cp 6cp 6cp		013097 013151 013963 013966 013967 013976 013979	Human Resource Development in Organisations Project Management Cultural Diversity at Work e-Learning Experiences e-Learning Design Strategic Human Resource Development Organisational Learning and Change: Local and Global	6cp 6cp 6cp 6cp 6cp 6cp	12cp
013144 013145 013146 013147 013949 013950 023821	Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family Culture, Difference and Curriculum Using Film for Critical Pedagogy Human Resources and Organisational Development The Arts in Supervision and Self Work Verbal and Body Psychotherapies Special Education 1: Managing Challenging Behaviours	6cp 6cp 6cp 6cp 6cp 6cp		013097 013151 013963 013966 013967 013976 013979 CBK9054	Human Resource Development in Organisations Project Management Cultural Diversity at Work e-Learning Experiences e-Learning Design Strategic Human Resource Development Organisational Learning and Change: Local and Global	6cp 6cp 6cp 6cp 6cp 6cp	
013144 013145 013146 013147 013949 013950	Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family Culture, Difference and Curriculum Using Film for Critical Pedagogy Human Resources and Organisational Development The Arts in Supervision and Self Work Verbal and Body Psychotherapies Special Education 1: Managing Challenging Behaviours Special Education 5: Educating Students	6cp 6cp 6cp 6cp 6cp 6cp 6cp		013097 013151 013963 013966 013967 013979 CBK9054 Select 12 c	Human Resource Development in Organisations Project Management Cultural Diversity at Work e-Learning Experiences e-Learning Design Strategic Human Resource Development Organisational Learning and Change: Local and Global 4 Electives redit points from the following options:	6cp 6cp 6cp 6cp 6cp 6cp Total	12cp
013144 013145 013146 013147 013949 013950 023821 023825	Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family Culture, Difference and Curriculum Using Film for Critical Pedagogy Human Resources and Organisational Development The Arts in Supervision and Self Work Verbal and Body Psychotherapies Special Education 1: Managing Challenging Behaviours Special Education 5: Educating Students with Moderate and High Support Needs	6cp 6cp 6cp 6cp 6cp 6cp		013097 013151 013963 013966 013967 013976 013979 CBK9054	Human Resource Development in Organisations Project Management Cultural Diversity at Work e-Learning Experiences e-Learning Design Strategic Human Resource Development Organisational Learning and Change: Local and Global 4 Electives redit points from the following options: Management for Clinicians	6cp 6cp 6cp 6cp 6cp Total	
013144 013145 013146 013147 013949 013950 023821	Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family Culture, Difference and Curriculum Using Film for Critical Pedagogy Human Resources and Organisational Development The Arts in Supervision and Self Work Verbal and Body Psychotherapies Special Education 1: Managing Challenging Behaviours Special Education 5: Educating Students with Moderate and High Support Needs Special Education 6:	6cp 6cp 6cp 6cp 6cp 6cp 6cp		013097 013151 013963 013966 013967 013976 013979 CBK9054 Select 12 c	Human Resource Development in Organisations Project Management Cultural Diversity at Work e-Learning Experiences e-Learning Design Strategic Human Resource Development Organisational Learning and Change: Local and Global 4 Electives redit points from the following options:	6cp 6cp 6cp 6cp 6cp 6cp Total	
013144 013145 013146 013147 013949 013950 023821 023825	Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family Culture, Difference and Curriculum Using Film for Critical Pedagogy Human Resources and Organisational Development The Arts in Supervision and Self Work Verbal and Body Psychotherapies Special Education 1: Managing Challenging Behaviours Special Education 5: Educating Students with Moderate and High Support Needs	6cp 6cp 6cp 6cp 6cp 6cp 6cp		013097 013151 013963 013966 013967 013976 013979 CBK9054 Select 12 c 92932 92946	Human Resource Development in Organisations Project Management Cultural Diversity at Work e-Learning Experiences e-Learning Design Strategic Human Resource Development Organisational Learning and Change: Local and Global 4 Electives redit points from the following options: Management for Clinicians Project Part A	6cp 6cp 6cp 6cp 6cp Total	

24734	Marketing Management	6ср	013133	Individual Instruction for Diverse Learners	6ср
21760		. *	013134	Changing Practices Research Seminar	. *
	Performance and Talent Management	6ср			6ср
21766	Managing Community Organisations	6ср	013135	Literary Theory and Education	6ср
21717	International Management	6ср	013136	Developing People and Teams	6ср
92296	Epidemiology and Population Health	6ср	013137	Educational Leadership	6ср
92297	Health Systems and Change	6ср	013138	Teaching and Learning in Higher Education	6ср
92295	Advanced Health Services Planning	6cp	013139	Assessing Learning	6cp
78104	Genetics and the Law		013140	Simulation and Games	
		8cp			6ср
78150	Law and Mental Health	6cp	013141	Language Programming and Assessment	6ср
79708	Contemporary Business Law	6ср	013142	Adult Learning and Program Development	6ср
78146	Dilemmas in Biomedical Law	8ср	013143	Designs for Learning Research Seminar	6ср
78143	Psychology and Dispute Resolution	8cp	013144	Learning and the Family	6cp
78144	Contemporary Issues in Health Law	8cp	013145	Culture, Difference and Curriculum	6cp
77734	Law and Medicine	, *	013146	Using Film for Critical Pedagogy	6cp
92022		6ср		0 0,	оср
92022	Improving Quality and Safety in Health		013147	Human Resources and Organisational	,
	Care	6ср		Development	6ср
92612	Research in Health	6ср	013159	Independent Study Project 2	6ср
78105	Genetics and the Law	6ср	013160	Professional Learning and Practice	6ср
		Total 12cp	013161	Popular Education and Social Movements	6cp
		тотат т=ср	013162	Organisational Learning	6cp
CDKOUE	E Major chaica				
	5 Major choice		013163	New Media and Social Change	6ср
Select 48 c	redit points from the following options:	48cp	013164	Narrative and Storymaking in Education	
MAJ07055	5 Applied Linguistics	48cp		and Change	6ср
		48cp	013165	Leading Learning in the Workplace	6ср
	No specified major	48cp	013166	Education in Policy Contexts	6cp
J11V170471	1 100 specifica major	* .	013167	Contemporary Work and Learning	6cp
		Total 48cp	013168	Adult Education: Past, Present, Future	
				· · · · · · · · · · · · · · · · · · ·	6ср
CBK9054	46 Options		57999	Digital and Multiplatform Storytelling	6ср
Select 12 c	credit points from the following options:	12cp			Total 12cp
013098	Independent Study Project 1				•
		6ср	CBK9054	49 Options	
013137	Educational Leadership	6ср		•	26
013107	Phonology and Pronunciation	6ср		credit points from the following options:	36cp
013087	Discourse Analysis	6ср	013106	Mentoring in the Workplace	6ср
013095	Global Englishes	6cp	013123	Work and Learning	6ср
013132	Technology Enhanced Language Learning	6cp	013098	Independent Study Project 1	6cp
			013113	Skill Learning and the Development of	···r
013141	Language Programming and Assessment	6cp	010110		6on
013104	Language and Power	6ср	012006	Expertise	6ср
013159	Independent Study Project 2	6ср	013096	Grammar and the Construction of Meaning	6ср
		Total 12cp	013112	Research Design	6ср
		•	013120	The Psychology of Adult Development	6ср
CBK905/	7 Options		013122	Understanding Adult Education and	•
		4.0		Training	6ср
	credit points from the following options:	12cp	012121	Theory and Practice of Teaching English to	оср
013098	Independent Study Project 1	6ср	013121		
013105	Language Development	6ср		Speakers of other Languages	6ср
013132	Technology Enhanced Language Learning	6cp	013117	Theory and Practice of Literacy	6ср
013159	Independent Study Project 2		013105	Language Development	6ср
		6ср	013095	Global Englishes	6cp
013121	Theory and Practice of Teaching English to		013107	Phonology and Pronunciation	6cp
	Speakers of other Languages	6ср		0,	
013141	Language Programming and Assessment	6cp	013087	Discourse Analysis	6cp
013104	Language and Power	6ср	013104	Language and Power	6ср
013117	Theory and Practice of Literacy	6cp	013091	e-Learning Experiences 1	6ср
013105	Language Development	. *	013092	e-Learning Experiences 2	6ср
013103	Language Development	6cp	013093	e-Learning Technologies	6cp
		Total 12cp	013090	e-Learning Design	
					6cn
CBK9054					6ср
	48 Options		013090	Adult Education: History, Policy and	
Select 12 c		12ср	013125	Adult Education: History, Policy and Context	6ср
	credit points from the following options:	12cp	013125 013127	Adult Education: History, Policy and Context Communication Management	6cp 6cp
013106	redit points from the following options: Mentoring in the Workplace	6ср	013125 013127 013128	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations	6ср 6ср 6ср
013106 013123	credit points from the following options: Mentoring in the Workplace Work and Learning	6ср 6ср	013125 013127	Adult Education: History, Policy and Context Communication Management	6cp 6cp
013106 013123 013098	credit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1	6ср	013125 013127 013128	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies	6cp 6cp 6cp
013106 013123	credit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of	6ср 6ср	013125 013127 013128 013129 013130	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1	6cp 6cp 6cp 6cp 6cp
013106 013123 013098	credit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1	6ср 6ср	013125 013127 013128 013129 013130 013131	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2	6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098	credit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of	6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning	6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113	redit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes	6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112	Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design	6cp 6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning	6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112 013120	redit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design The Psychology of Adult Development	6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112	redit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design The Psychology of Adult Development Understanding Adult Education and	6cp 6cp 6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133 013134	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112 013120 013122	Mentoring in the Workplace Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design The Psychology of Adult Development Understanding Adult Education and Training	6cp 6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112 013120	redit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design The Psychology of Adult Development Understanding Adult Education and Training Theory and Practice of Teaching English to	6cp 6cp 6cp 6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112 013120 013122	Mentoring in the Workplace Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design The Psychology of Adult Development Understanding Adult Education and Training	6cp 6cp 6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112 013120 013122	redit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design The Psychology of Adult Development Understanding Adult Education and Training Theory and Practice of Teaching English to Speakers of other Languages	6cp 6cp 6cp 6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013139	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112 013120 013122 013121 013117	redit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design The Psychology of Adult Development Understanding Adult Education and Training Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy	6cp 6cp 6cp 6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013139 013140	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112 013120 013122 013121 013117 013105	redit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design The Psychology of Adult Development Understanding Adult Education and Training Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development	6cp 6cp 6cp 6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013137 013138 013139 013140 013141	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112 013120 013122 013121 013121 013105 013096	Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design The Psychology of Adult Development Understanding Adult Education and Training Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development Grammar and the Construction of Meaning	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013139 013140	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112 013120 013122 013121 013117 013105 013096 013107	redit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design The Psychology of Adult Development Understanding Adult Education and Training Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development Grammar and the Construction of Meaning Phonology and Pronunciation	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013139 013140 013141 013142	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment Adult Learning and Program Development	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112 013120 013122 013121 013117 013105 013096 013107 013087	Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design The Psychology of Adult Development Understanding Adult Education and Training Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development Grammar and the Construction of Meaning	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013139 013140 013141 013142 013143	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112 013120 013122 013121 013117 013105 013096 013107	redit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design The Psychology of Adult Development Understanding Adult Education and Training Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development Grammar and the Construction of Meaning Phonology and Pronunciation	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013139 013140 013141 013142 013143 013144	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112 013120 013122 013121 013117 013105 013096 013107 013087 013104	redit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design The Psychology of Adult Development Understanding Adult Education and Training Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development Grammar and the Construction of Meaning Phonology and Pronunciation Discourse Analysis Language and Power	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013139 013140 013141 013142 013143 013144 013145	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family Culture, Difference and Curriculum	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112 013120 013122 013121 013117 013105 013096 013107 013087	redit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design The Psychology of Adult Development Understanding Adult Education and Training Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development Grammar and the Construction of Meaning Phonology and Pronunciation Discourse Analysis Language and Power Adult Education: History, Policy and	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013140 013141 013142 013143 013144 013145 013146	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family Culture, Difference and Curriculum Using Film for Critical Pedagogy	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112 013120 013122 013121 013117 013105 013096 013107 013087 013104 013125	redit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design The Psychology of Adult Development Understanding Adult Education and Training Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development Grammar and the Construction of Meaning Phonology and Pronunciation Discourse Analysis Language and Power Adult Education: History, Policy and Context	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013139 013140 013141 013142 013143 013144 013145	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family Culture, Difference and Curriculum	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112 013120 013122 013121 013117 013105 013096 013107 013087 013104 013125	redit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design The Psychology of Adult Development Understanding Adult Education and Training Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development Grammar and the Construction of Meaning Phonology and Pronunciation Discourse Analysis Language and Power Adult Education: History, Policy and Context Communication Management	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013140 013141 013142 013143 013144 013145 013146	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family Culture, Difference and Curriculum Using Film for Critical Pedagogy Human Resources and Organisational	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112 013120 013122 013121 013121 013105 013096 013107 013087 013104 013125 013127 013128	redit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design The Psychology of Adult Development Understanding Adult Education and Training Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development Grammar and the Construction of Meaning Phonology and Pronunciation Discourse Analysis Language and Power Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013140 013141 013142 013143 013144 013144 013144 013145 013146 013147	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family Culture, Difference and Curriculum Using Film for Critical Pedagogy Human Resources and Organisational Development	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112 013120 013122 013121 013121 013105 013096 013107 013087 013104 013125 013127 013128 013129	redit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design The Psychology of Adult Development Understanding Adult Education and Training Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development Grammar and the Construction of Meaning Phonology and Pronunciation Discourse Analysis Language and Power Adult Education: History, Policy and Context Communication Management	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013140 013141 013142 013143 013144 013144 013145 013146 013160	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family Culture, Difference and Curriculum Using Film for Critical Pedagogy Human Resources and Organisational Development Professional Learning and Practice	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112 013120 013122 013121 013121 013105 013096 013107 013087 013104 013125 013127 013128	redit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design The Psychology of Adult Development Understanding Adult Education and Training Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development Grammar and the Construction of Meaning Phonology and Pronunciation Discourse Analysis Language and Power Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013140 013141 013142 013143 013144 013145 013146 013147	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family Culture, Difference and Curriculum Using Film for Critical Pedagogy Human Resources and Organisational Development Professional Learning and Practice Popular Education and Social Movements	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112 013120 013122 013121 013121 013105 013096 013107 013087 013104 013125 013127 013128 013129 013130	redit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design The Psychology of Adult Development Understanding Adult Education and Training Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development Grammar and the Construction of Meaning Phonology and Pronunciation Discourse Analysis Language and Power Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013140 013141 013142 013143 013144 013144 013145 013146 013160	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family Culture, Difference and Curriculum Using Film for Critical Pedagogy Human Resources and Organisational Development Professional Learning and Practice	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112 013120 013122 013121 013117 013105 013096 013107 013087 013104 013125 013127 013128 013129 013130 013131	redit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design The Psychology of Adult Development Understanding Adult Education and Training Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development Grammar and the Construction of Meaning Phonology and Pronunciation Discourse Analysis Language and Power Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013140 013141 013142 013143 013144 013145 013146 013147	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family Culture, Difference and Curriculum Using Film for Critical Pedagogy Human Resources and Organisational Development Professional Learning and Practice Popular Education and Social Movements	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013106 013123 013098 013113 013095 013112 013120 013122 013121 013121 013105 013096 013107 013087 013104 013125 013127 013128 013129 013130	redit points from the following options: Mentoring in the Workplace Work and Learning Independent Study Project 1 Skill Learning and the Development of Expertise Global Englishes Research Design The Psychology of Adult Development Understanding Adult Education and Training Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development Grammar and the Construction of Meaning Phonology and Pronunciation Discourse Analysis Language and Power Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	013125 013127 013128 013129 013130 013131 013132 013133 013134 013135 013136 013137 013138 013140 013141 013142 013143 013144 013145 013146 013147	Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education Developing People and Teams Educational Leadership Teaching and Learning in Higher Education Assessing Learning Simulation and Games Language Programming and Assessment Adult Learning and Program Development Designs for Learning Research Seminar Learning and the Family Culture, Difference and Curriculum Using Film for Critical Pedagogy Human Resources and Organisational Development Professional Learning and Practice Popular Education and Social Movements	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp

013163							
	New Media and Social Change	6ср		013967	e-Learning Design	6ср	
013164		ocp		013099	Individualised Project 1		
013104	Narrative and Storymaking in Education	,				6ср	
	and Change	6ср		013979	Organisational Learning and Change:		
013165	Leading Learning in the Workplace	6ср			Local and Global	6ср	
013166	Education in Policy Contexts	6cp		013151	Project Management	6cp	
						оср	
013167	Contemporary Work and Learning	6ср		013097	Human Resource Development in		
013168	Adult Education: Past, Present, Future	6ср			Organisations	6ср	
		Total 3	6cp	013960	Individual Communication in the	•	
		1011110	ocp	010700		600	
001/005	500 ii (ii B B I		•	040044	Workplace	6cp	
CRKA02	50 Options (Human Resource Developme	nt majo	orj	013961	Team Communication in the Workplace	6ср	
Select 36	credit points from the following options:	3	6ср	013972	Organisational Learning	6ср	
		J	оср	013976	Strategic Human Resource Development		
013149	The Language Literacy and Numeracy					6cp	
	Learner	6ср		013102	Introduction to Language	6ср	
013975	Designing and Developing Simulations	•		013110	Programming and Assessment in Language		
010,70	0 0 1 0	6 010			Literacy and Numeracy	6ср	
040000	and Games	6cp		012110			
013082	Aboriginal Social and Political History	6ср		013118	Teaching and Learning Literacy	6ср	
013118	Teaching and Learning Literacy	6ср		013971	Teaching and Learning Numeracy	6ср	
013102	Introduction to Language	6ср		013149	The Language Literacy and Numeracy	-	
		оср			Learner	6ср	
013110	Programming and Assessment in Language			010140			
	Literacy and Numeracy	6ср		010140	Exchange Elective 1 (Education)	6ср	
013971	Teaching and Learning Numeracy	6ср		010141	Exchange Elective 2 (Education)	6ср	
013958	Language Teaching Methodology	6ср		010142	Exchange Elective 3 (Education)	6ср	
				010143	Exchange Elective 4 (Education)		
013151	Project Management	6ср		010143	Exchange Elective 4 (Education)	6ср	40
013124	Work and People	6ср				Total	48cp
013963	Cultural Diversity at Work	6ср					
013966	e-Learning Experiences			CBK9055	3 Ontions		
	0 1	6cp			-		
013967	e-Learning Design	6ср		Select 12 ci	redit points from the following options:		12cp
013099	Individualised Project 1	6ср		013088	Educational Management	6ср	•
013088	Educational Management			013975	Designing and Developing Simulations	F	
		6ср		013973	. 0 1 0	_	
013979	Organisational Learning and Change:				and Games	6ср	
	Local and Global	6ср		013082	Aboriginal Social and Political History	6ср	
013152	Individual Difference and Vocational			013102	Introduction to Language	6cp	
010102		(оср	
	Education Teaching	6cp		013960	Individual Communication in the		
010140	Exchange Elective 1 (Education)	6ср			Workplace	6ср	
010141	Exchange Elective 2 (Education)	6ср		013961	Team Communication in the Workplace	6ср	
010142	Exchange Elective 3 (Education)	6ср		013972	Organisational Learning	6cp	
010143	Exchange Elective 4 (Education)	6ср		013099	Individualised Project 1	6ср	
013972	Organisational Learning	6ср		013124	Work and People	6ср	
013055	Organisational Workplace Learning	6ср		013977	Teaching and Learning in Practice	6ср	
010000	organisational Workplace Zearing	Total 3	6an	013152		ocp	
		Total 3	оср	013132	Individual Difference and Vocational	_	
					Education Teaching	6ср	
CBK905	51 Options (Language, Literacy and Num	eracy		013149	The Language Literacy and Numeracy		
	3.3.				Learner	6ср	
major)							
	credit points from the following options:	3	6ср	013982	Aboriginal Cultures	6ср	
Select 36	credit points from the following options:	3	6ср	013982 010140	Exchange Elective 1 (Education)	6ср 6ср	
	Designing and Developing Simulations		6ср	010140	Exchange Elective 1 (Education)	6ср	
Select 36 013975	Designing and Developing Simulations and Games	6ср	6ср	010140 010141	Exchange Elective 1 (Education) Exchange Elective 2 (Education)		
Select 36	Designing and Developing Simulations	6ср	6ср	010140	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change:	6ср 6ср	
Select 36 013975 013082	Designing and Developing Simulations and Games Aboriginal Social and Political History	6ср 6ср	6ср	010140 010141 013979	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global	6ср	
Select 36 013975 013082 013958	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology	6ср 6ср 6ср	6ср	010140 010141	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change:	6ср 6ср	
Select 36 013975 013082 013958 013124	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People	6cp 6cp 6cp 6cp	6ср	010140 010141 013979	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global	6cp 6cp 6cp	12cn
Select 36 013975 013082 013958 013124 013963	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work	6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global	6cp 6cp	12cp
Select 36 013975 013082 013958 013124	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work	6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication	6cp 6cp 6cp	12ср
Select 36 013975 013082 013958 013124 013963 013966	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences	6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global	6cp 6cp 6cp	12ср
Select 36 013975 013082 013958 013124 013963 013966 013967	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design	6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management)	6cp 6cp 6cp 6cp Total	
Select 36 013975 013082 013958 013124 013963 013966 013967 013099	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1	6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 Select 24 cr	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options:	6cp 6cp 6cp 6cp Total	12cp 24cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design	6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 Select 24 ct 21221	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change	6cp 6cp 6cp Total	
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 . Select 24 ct 21221 21226	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options:	6cp 6cp 6cp 6cp Total	
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development	6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 . Select 24 ct 21221 21226	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise	6cp 6cp 6cp Total	
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 Select 24 ct 21221 21226 21591	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management	6cp 6cp 6cp Total	
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013960	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 . Select 24 ct 21221 21226	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise	6cp 6cp 6cp Total	24cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 Select 24 ct 21221 21226 21591	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management	6cp 6cp 6cp Total	24cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013088 013976 013960	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 Select 24 ct 21221 21226 21591 21630	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management	6cp 6cp 6cp Total	24cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013960	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change:	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 Select 24 ct 21221 21226 21591 21630	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management	6cp 6cp 6cp Total	24cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013088 013976 013960 013961 013979	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 Select 24 cr 21221 21226 21591 21630 CBK9055	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice	6cp 6cp 6cp Total	24cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013960 013961 013979	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 Select 24 cr 21221 21226 21591 21630 CBK9055 Select 48 cr	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options:	6cp 6cp 6cp Total 6cp 6cp 6cp 6cp Total	24cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013088 013976 013960 013961 013979	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 . Select 24 ct 21221 21226 21591 21630 CBK9055 . Select 48 ct MAJ07067	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education	6cp 6cp 6cp Total 6cp 6cp 6cp 6cp Total	24cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013960 013961 013979	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp	010140 010141 013979 013980 CBK9055 . Select 24 ct 21221 21226 21591 21630 CBK9055 . Select 48 ct MAJ07067	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education	6cp 6cp 6cp Total 6cp 6cp 6cp 6cp Total	24cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013961 013979 013151 013097	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp	010140 010141 013979 013980 CBK9055 . Select 24 ct 21221 21226 21591 21630 CBK9055 . Select 48 ct MAJ07067 STM90492	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major	6cp 6cp 6cp Total 6cp 6cp 6cp 6cp Total	24cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013961 013979 013151 013097	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisational Learning	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 . Select 24 ct 21221 21226 21591 21630 CBK9055 . Select 48 ct MAJ07067 STM90492 MAJ07072	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies	6cp 6cp 6cp Total 6cp 6cp 6cp 6cp Total 48cp 48cp 48cp	24cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013961 013979 013151 013097	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisational Learning Individual Difference and Vocational	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp	010140 010141 013979 013980 CBK9055 Select 24 ct 21221 21226 21591 21630 CBK9055 Select 48 ct MAJ07067 STM90492 MAJ07072 MAJ07076	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning	6cp 6cp 6cp Total 6cp 6cp 6cp 6cp Total 48cp 48cp 48cp 48cp	24cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013961 013979 013151 013097	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisational Learning Individual Difference and Vocational	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 Select 24 ct 21221 21226 21591 21630 CBK9055 Select 48 ct MAJ07067 STM90492 MAJ07072 MAJ07076	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning	6cp 6cp 6cp Total 6cp 6cp 6cp 6cp Total 48cp 48cp 48cp	24cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013088 013976 013960 013961 013979 013151 013097	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisations Organisational Learning Individual Difference and Vocational Education Teaching	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 Select 24 ct 21221 21226 21591 21630 CBK9055 Select 48 ct MAJ07067 STM90492 MAJ07072 MAJ07076	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning	6cp 6cp 6cp Total 6cp 6cp 6cp 6cp Total 48cp 48cp 48cp 48cp	24cp 24cp 48cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013960 013961 013979 013151 013097 013152 010140	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisations Organisational Learning Individual Difference and Vocational Education Teaching Exchange Elective 1 (Education)	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 Select 24 ct 21221 21226 21591 21630 CBK9055 Select 48 ct MAJ07067 STM90492 MAJ07072 MAJ07076	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning	6cp 6cp 6cp Total 6cp 6cp 6cp 6cp Total 48cp 48cp 48cp 48cp	24cp 24cp 48cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013960 013961 013979 013151 013097 013152 010140 010141	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisations Organisational Learning Individual Difference and Vocational Education Teaching Exchange Elective 1 (Education) Exchange Elective 2 (Education)	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 Select 24 ct 21221 21226 21591 21630 CBK9055 Select 48 ct MAJ07067 STM90492 MAJ07072 MAJ07077	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning Popular Education and Social Change	6cp 6cp 6cp Total 6cp 6cp 6cp 6cp Total 48cp 48cp 48cp 48cp	24cp 24cp 48cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013960 013961 013979 013151 013097 013152 010140	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisations Organisational Learning Individual Difference and Vocational Education Teaching Exchange Elective 1 (Education) Exchange Elective 2 (Education)	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 Select 24 ct 21221 21226 21591 21630 CBK9055 Select 48 ct MAJ07067 STM90492 MAJ07072 MAJ07076	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning Popular Education and Social Change	6cp 6cp 6cp Total 6cp 6cp 6cp 6cp Total 48cp 48cp 48cp 48cp	24cp 24cp 48cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013960 013961 013979 013151 013097 013152 010140 010141	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisations Organisational Learning Individual Difference and Vocational Education Teaching Exchange Elective 1 (Education) Exchange Elective 2 (Education) Exchange Elective 3 (Education)	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 Select 24 ct 21221 21226 21591 21630 CBK9055 Select 48 ct MAJ07067 STM90492 MAJ07072 MAJ07076 MAJ07077	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning Popular Education and Social Change	6cp 6cp 6cp Total 6cp 6cp 6cp Total 48cp 48cp 48cp 48cp 48cp 70tal	24cp 24cp 48cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013960 013961 013979 013151 013097 013972 013152 010140 010141 010142 010143	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisational Learning Individual Difference and Vocational Education Teaching Exchange Elective 1 (Education) Exchange Elective 2 (Education) Exchange Elective 3 (Education) Exchange Elective 4 (Education)	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 Select 24 cr 21221 21226 21591 21630 CBK9055 Select 48 cr MAJ07067 STM90492 MAJ07072 MAJ07076 MAJ07077	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning Popular Education and Social Change 8 Options redit points from the following options:	6cp 6cp 6cp Total 6cp 6cp 6cp Total 48cp 48cp 48cp 48cp 48cp Total	24cp 24cp 48cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013960 013961 013979 013151 013097 013972 013152 010140 010141 010142	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisational Learning Individual Difference and Vocational Education Teaching Exchange Elective 1 (Education) Exchange Elective 2 (Education) Exchange Elective 4 (Education) International Perspectives on Adult	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055. Select 24 ct 21221 21226 21591 21630 CBK9055 Select 48 ct MAJ07067 STM90492 MAJ07072 MAJ07077 CBK9055. Select 30 ct 013096	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning Popular Education and Social Change 8 Options redit points from the following options: Grammar and the Construction of Meaning	6cp 6cp 6cp 7ctal 6cp 6cp 6cp 7ctal 48cp 48cp 48cp 48cp 48cp 7ctal	24cp 24cp 48cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013960 013961 013979 013151 013097 013972 013152 010140 010141 010142 010143	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisational Learning Individual Difference and Vocational Education Teaching Exchange Elective 1 (Education) Exchange Elective 2 (Education) Exchange Elective 3 (Education) Exchange Elective 4 (Education)	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		010140 010141 013979 013980 CBK9055. Select 24 ct 21221 21226 21591 21630 CBK9055 Select 48 ct MAJ07067 STM90492 MAJ07072 MAJ07076 MAJ07077 CBK9055. Select 30 ct 013096 013107	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning Popular Education and Social Change 8 Options redit points from the following options:	6cp 6cp 6cp Total 6cp 6cp 6cp 6cp Total 48cp 48cp 48cp 48cp Total	24cp 24cp 48cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013960 013961 013979 013151 013097 013972 013152 010140 010141 010142 010143	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisational Learning Individual Difference and Vocational Education Teaching Exchange Elective 1 (Education) Exchange Elective 2 (Education) Exchange Elective 4 (Education) International Perspectives on Adult	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		010140 010141 013979 013980 CBK9055. Select 24 ct 21221 21226 21591 21630 CBK9055 Select 48 ct MAJ07067 STM90492 MAJ07072 MAJ07076 MAJ07077 CBK9055. Select 30 ct 013096 013107	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning Popular Education and Social Change 8 Options redit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation	6cp 6cp 6cp Total 6cp 6cp 6cp 6cp Total 48cp 48cp 48cp 48cp Total	24cp 24cp 48cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013960 013961 013979 013151 013097 013972 013152 010140 010141 010142 010143	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisational Learning Individual Difference and Vocational Education Teaching Exchange Elective 1 (Education) Exchange Elective 2 (Education) Exchange Elective 4 (Education) International Perspectives on Adult	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		010140 010141 013979 013980 CBK9055 Select 24 ct 21221 21226 21591 21630 CBK9055 Select 48 ct MAJ07067 STM90492 MAJ07072 MAJ07077 CBK9055 Select 30 ct 013096 013107 013087	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning Popular Education and Social Change 8 Options redit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Discourse Analysis	6cp 6cp 6cp 7ctal 6cp 6cp 6cp 6cp 48cp 48cp 48cp 48cp 7ctal	24cp 24cp 48cp
Select 36 013975 013082 013978 013124 013963 013966 013967 013099 013088 013976 013960 013961 013979 013151 013097 013152 010140 010141 010142 010143 015012	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisations Organisational Learning Individual Difference and Vocational Education Teaching Exchange Elective 1 (Education) Exchange Elective 2 (Education) Exchange Elective 4 (Education) International Perspectives on Adult Education	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		010140 010141 013979 013980 CBK9055. Select 24 ct 21221 21226 21591 21630 CBK9055 Select 48 ct MAJ07067 STM90492 MAJ07077 MAJ07077 CBK9055 Select 30 ct 013096 013107 013087 013087	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning Popular Education and Social Change 8 Options redit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Discourse Analysis Language and Power	6cp 6cp 6cp Total 6cp 6cp 6cp 6cp Total 48cp 48cp 48cp 48cp Total	24cp 24cp 48cp
Select 36 013975 013082 013978 013124 013963 013966 013967 013099 013088 013976 013960 013961 013979 013151 013097 013152 010140 010141 010142 010143 015012 CBK905	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisational Learning Individual Difference and Vocational Education Teaching Exchange Elective 1 (Education) Exchange Elective 2 (Education) Exchange Elective 3 (Education) International Perspectives on Adult Education	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 Select 24 ct 21221 21226 21591 21630 CBK9055 Select 48 ct MAJ07067 STM90492 MAJ07072 MAJ07077 CBK9055 Select 30 ct 013096 013107 013087	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning Popular Education and Social Change 8 Options redit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Discourse Analysis Language and Power Theory and Practice of Teaching English to	6cp 6cp 6cp 7ctal 6cp 6cp 6cp 6cp 48cp 48cp 48cp 48cp 7ctal	24cp 24cp 48cp
Select 36 013975 013082 013978 013124 013963 013966 013967 013099 013088 013976 013960 013961 013979 013151 013097 013152 010140 010141 010142 010143 015012 CBK905	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisational Learning Individual Difference and Vocational Education Teaching Exchange Elective 1 (Education) Exchange Elective 2 (Education) Exchange Elective 3 (Education) International Perspectives on Adult Education	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		010140 010141 013979 013980 CBK9055 Select 24 ct 21221 21226 21591 21630 CBK9055 Select 48 ct MAJ07067 STM90492 MAJ07076 MAJ07077 CBK9055 Select 30 ct 013096 013107 013087 013104 013121	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning Popular Education and Social Change 8 Options redit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Discourse Analysis Language and Power	6cp 6cp 6cp 7ctal 6cp 6cp 6cp 6cp 48cp 48cp 48cp 48cp 7ctal	24cp 24cp 48cp
Select 36 013975 013082 013978 013124 013963 013966 013967 013099 013088 013976 013961 013979 013151 013097 013152 010140 010141 010142 010143 015012 CBK905 Select 48	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisations Organisational Learning Individual Difference and Vocational Education Teaching Exchange Elective 1 (Education) Exchange Elective 2 (Education) Exchange Elective 4 (Education) International Perspectives on Adult Education	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 Select 24 ct 21221 21226 21591 21630 CBK9055 Select 48 ct MAJ07067 STM90492 MAJ07076 MAJ07077 CBK9055 Select 30 ct 013096 013107 013087 013104 013121	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning Popular Education and Social Change 8 Options redit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Discourse Analysis Language and Power Theory and Practice of Teaching English to Speakers of other Languages	6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 48cp 48cp 48cp 48cp 7 Total	24cp 24cp 48cp
Select 36 013975 013082 013978 013124 013963 013966 013967 013099 013088 013976 013960 013961 013979 013151 013097 013152 010140 010141 010142 010143 015012 CBK905	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisations Organisational Learning Individual Difference and Vocational Education Teaching Exchange Elective 1 (Education) Exchange Elective 2 (Education) Exchange Elective 4 (Education) International Perspectives on Adult Education 52 Options (Vocational Education major) credit points from the following options: Designing and Developing Simulations	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 Select 24 ct 21221 21226 21591 21630 CBK9055 Select 48 ct MAJ07067 STM90492 MAJ07076 MAJ07077 CBK9055 Select 30 ct 013096 013107 013087 013104 013121	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning Popular Education and Social Change 8 Options redit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Discourse Analysis Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy	6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 48cp 48cp 48cp 48cp 48cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	24cp 24cp 48cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013960 013961 013979 013151 013097 013972 013152 010140 010141 010142 010143 015012 CBK905 Select 48 013975	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisations Organisational Learning Individual Difference and Vocational Education Teaching Exchange Elective 1 (Education) Exchange Elective 2 (Education) Exchange Elective 4 (Education) International Perspectives on Adult Education 52 Options (Vocational Education major) credit points from the following options: Designing and Developing Simulations and Games	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 Select 24 ct 21221 21226 21591 21630 CBK9055 Select 48 ct MAJ07067 STM90492 MAJ07072 MAJ07077 CBK9055 Select 30 ct 013096 013107 013087 013104 013121	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning Popular Education and Social Change 8 Options redit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Discourse Analysis Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development	6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 48cp 48cp 48cp 48cp 48cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	24cp 24cp 48cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013961 013979 013151 013097 013972 013152 010140 010141 010142 010143 015012 CBK905 Select 48 013975 013082	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisational Learning Individual Difference and Vocational Education Teaching Exchange Elective 1 (Education) Exchange Elective 2 (Education) Exchange Elective 3 (Education) International Perspectives on Adult Education 52 Options (Vocational Education major) credit points from the following options: Designing and Developing Simulations and Games Aboriginal Social and Political History	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055. Select 24 ct 21221 21226 21591 21630 CBK9055 Select 48 ct MAJ07067 STM90492 MAJ07072 MAJ07076 MAJ07077 CBK9055. Select 30 ct 013096 013107 013087 013104 013121 013117 013105 013090	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning Popular Education and Social Change 8 Options redit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Discourse Analysis Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 48cp 48cp 48cp 48cp 48cp 6cp 6cp 6cp 6cp 6cp 6cp	24cp 24cp 48cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013960 013961 013979 013151 013097 013972 013152 010140 010141 010142 010143 015012 CBK905 Select 48 013975	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisational Learning Individual Difference and Vocational Education Teaching Exchange Elective 1 (Education) Exchange Elective 2 (Education) Exchange Elective 3 (Education) International Perspectives on Adult Education 52 Options (Vocational Education major) credit points from the following options: Designing and Developing Simulations and Games Aboriginal Social and Political History	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055 Select 24 ct 21221 21226 21591 21630 CBK9055 Select 48 ct MAJ07067 STM90492 MAJ07072 MAJ07077 CBK9055 Select 30 ct 013096 013107 013087 013104 013121	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning Popular Education and Social Change 8 Options redit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Discourse Analysis Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 48cp 48cp 48cp 48cp 48cp 6cp 6cp 6cp 6cp 6cp 6cp	24cp 24cp 48cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013961 013979 013151 013097 013972 013152 010140 010141 010142 010143 015012 CBK905 Select 48 013975 013082 013958	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisations Organisational Learning Individual Difference and Vocational Education Teaching Exchange Elective 1 (Education) Exchange Elective 2 (Education) Exchange Elective 3 (Education) Exchange Elective 4 (Education) International Perspectives on Adult Education 52 Options (Vocational Education major) credit points from the following options: Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055. Select 24 ct 21221 21226 21591 21630 CBK9055 Select 48 ct MAJ07067 STM90492 MAJ07072 MAJ07076 MAJ07077 CBK9055. Select 30 ct 013096 013107 013087 013104 013121 013117 013105 013090 013091	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning Popular Education and Social Change 8 Options redit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Discourse Analysis Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 48cp 48cp 48cp 48cp 48cp 6cp 6cp 6cp 6cp 6cp 6cp	24cp 24cp 48cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013961 013979 013151 013097 013152 010140 010141 010142 010143 015012 CBK905 Select 48 013975 013082 013958 013124	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisational Learning Individual Difference and Vocational Education Teaching Exchange Elective 1 (Education) Exchange Elective 2 (Education) Exchange Elective 3 (Education) International Perspectives on Adult Education 52 Options (Vocational Education major) credit points from the following options: Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055. Select 24 ct 21221 21226 21591 21630 CBK9055 Select 48 ct MAJ07067 STM90492 MAJ07072 MAJ07076 MAJ07077 CBK9055 Select 30 ct 013096 013107 013087 013117 013117 013117 013105 013090 013091 013092	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning Popular Education and Social Change 8 Options redit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Discourse Analysis Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 48cp 48cp 48cp 48cp 48cp 6cp 6cp 6cp 6cp 6cp 6cp	24cp 24cp 48cp
Select 36 013975 013082 013958 013124 013963 013966 013967 013099 013088 013976 013961 013979 013151 013097 013972 013152 010140 010141 010142 010143 015012 CBK905 Select 48 013975 013082 013958	Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology Work and People Cultural Diversity at Work e-Learning Experiences e-Learning Design Individualised Project 1 Educational Management Strategic Human Resource Development Individual Communication in the Workplace Team Communication in the Workplace Organisational Learning and Change: Local and Global Project Management Human Resource Development in Organisations Organisations Organisational Learning Individual Difference and Vocational Education Teaching Exchange Elective 1 (Education) Exchange Elective 2 (Education) Exchange Elective 3 (Education) Exchange Elective 4 (Education) International Perspectives on Adult Education 52 Options (Vocational Education major) credit points from the following options: Designing and Developing Simulations and Games Aboriginal Social and Political History Language Teaching Methodology	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	010140 010141 013979 013980 CBK9055. Select 24 ct 21221 21226 21591 21630 CBK9055 Select 48 ct MAJ07067 STM90492 MAJ07072 MAJ07076 MAJ07077 CBK9055. Select 30 ct 013096 013107 013087 013104 013121 013117 013105 013090 013091	Exchange Elective 1 (Education) Exchange Elective 2 (Education) Organisational Learning and Change: Local and Global Identity, Culture and Communication 4 Options (Management) redit points from the following options: Organisational Structure and Change Sustainable Enterprise Transnational Management Global Strategic Management 7 Major choice redit points from the following options: Adult Education No specified major Indigenous Studies Organisational and Workplace Learning Popular Education and Social Change 8 Options redit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Discourse Analysis Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 48cp 48cp 48cp 48cp 48cp 6cp 6cp 6cp 6cp 6cp 6cp	24cp 24cp 48cp

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013087	Discourse Analysis	6ср	013137	Educational Leadership	6ср
013095	Global Englishes	6ср	013138	Teaching and Learning in Higher Education	6ср
013098	Independent Study Project 1	6ср	013139	Assessing Learning	6ср
013106	Mentoring in the Workplace	6ср	013140	Simulation and Games	6ср
013112	Research Design	6ср	013141	Language Programming and Assessment	6cp
013113	Skill Learning and the Development of	оср	013142		
013113		,		Adult Learning and Program Development	6cp
	Expertise	6ср	013143	Designs for Learning Research Seminar	6ср
013120	The Psychology of Adult Development	6ср	013144	Learning and the Family	6ср
013123	Work and Learning	6ср	013145	Culture, Difference and Curriculum	6ср
013125	Adult Education: History, Policy and	•	013146	Using Film for Critical Pedagogy	6cp
	Context	6ср	013147	Human Resources and Organisational	· · · r
012127		. *	010117		600
013127	Communication Management	6ср	010100	Development	6ср
013128	Learning and Change in Organisations	6ср	013122	Understanding Adult Education and	
013129	Effective Cognitive Learning Strategies	6ср		Training	6ср
013130	Education for Social Change 1	6ср	013160	Professional Learning and Practice	6ср
013131	Education for Social Change 2	6ср	013161	Popular Education and Social Movements	6ср
013132	Technology Enhanced Language Learning	6ср	013162	Organisational Learning	6cp
013133	Individual Instruction for Diverse Learners		013163	New Media and Social Change	6cp
		6ср			оср
013134	Changing Practices Research Seminar	6ср	013164	Narrative and Storymaking in Education	
013135	Literary Theory and Education	6ср		and Change	6ср
013136	Developing People and Teams	6ср	013165	Leading Learning in the Workplace	6ср
013137	Educational Leadership	6ср	013166	Education in Policy Contexts	6ср
013138	Teaching and Learning in Higher Education	6cp	013167	Contemporary Work and Learning	6cp
013139	Assessing Learning	. *	013168	Adult Education: Past, Present, Future	6cp
		6ср		· · · · · · · · · · · · · · · · · · ·	. *
013140	Simulation and Games	6ср	57999	Digital and Multiplatform Storytelling	6cp
013141	Language Programming and Assessment	6ср			Total 36cp
013142	Adult Learning and Program Development	6ср			
013143	Designs for Learning Research Seminar	6ср	CBK9056	O Development Assessment core choice	•
013144	Learning and the Family	6cp		redit points from the following options:	12cp
013145	Culture, Difference and Curriculum	6cp			
		. *	15612	Building Regulation	6ср
013146	Using Film for Critical Pedagogy	6ср	15613	Development Control	6ср
013147	Human Resources and Organisational		15614	Advanced Development Assessment	6ср
	Development	6ср	15615	Advanced Building Regulation	6ср
013159	Independent Study Project 2	6ср		8 8	Total 12cp
013160	Professional Learning and Practice	6ср			r
013161	Popular Education and Social Movements	6ср	CDKOUE	1 Development Assessment elective ch	oico
013162	Organisational Learning	. *		-	
		6ср	Select 12 c	redit points from the following options:	12cp
013164	Narrative and Storymaking in Education		49121	Environmental Assessment and Planning	6ср
	and Change	6ср	17701	Environment and Control	6ср
013165	Leading Learning in the Workplace	6ср	171200	Conservation and Heritage	6cp
013166	Education in Policy Contexts	6ср	16078	Fire Dynamics	6cp
				THE Dynamics	
	Contemporary Work and Learning	6cp			. *
013167	Contemporary Work and Learning	6cp	16080	Fire Safety Systems	6cp
013167 013168	Adult Education: Past, Present, Future	6ср			. *
013167		6cp 6cp	16080	Fire Safety Systems	6cp
013167 013168	Adult Education: Past, Present, Future	6ср	16080 15601	Fire Safety Systems Planning for Bushfire Prone Areas	6cp 6cp
013167 013168 013163	Adult Education: Past, Present, Future New Media and Social Change	6cp 6cp	16080 15601	Fire Safety Systems Planning for Bushfire Prone Areas	6cp 6cp 6cp
013167 013168 013163	Adult Education: Past, Present, Future	6cp 6cp	16080 15601 15606	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1	6cp 6cp 6cp
013167 013168 013163 CBK9059	Adult Education: Past, Present, Future New Media and Social Change	6cp 6cp Total 30cp	16080 15601 15606 CBK9056	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives	6cp 6cp 6cp Total 12cp
013167 013168 013163 CBK905! Select 36 of	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options:	6cp 6cp Total 30cp	16080 15601 15606 CBK9056 Select 8 cm	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options:	6cp 6cp 6cp Total 12cp
013167 013168 013163 CBK9059 Select 36 0 013096	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning	6cp 6cp Total 30cp	16080 15601 15606 CBK9056 Select 8 cre 57008	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections	6cp 6cp 6cp Total 12cp
013167 013168 013163 CBK905! Select 36 013096 013107	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation	6cp 6cp Total 30cp 36cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options:	6cp 6cp 6cp Total 12cp
013167 013168 013163 CBK905 5 Select 36 0 013096 013107 013104	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power	6cp 6cp Total 30cp	16080 15601 15606 CBK9056 Select 8 cre 57008	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies	6cp 6cp 6cp Total 12cp 8cp 8cp
013167 013168 013163 CBK905! Select 36 013096 013107	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to	6cp 6cp Total 30cp 36cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57103 57147	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management	6cp 6cp 6cp Total 12cp
013167 013168 013163 CBK905 5 Select 36 0 013096 013107 013104	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57103	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital	6cp 6cp 6cp Total 12cp 8cp 8cp 8cp 8cp
013167 013168 013163 CBK905! Select 36 0 013096 013107 013104 013121	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57103 57147 57152	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment	6cp 6cp 6cp Total 12cp 8cp 8cp 8cp 8cp
013167 013168 013163 CBK905 5 Select 36 0 013096 013107 013104 013121	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57103 57147 57152 57153	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation	6cp 6cp 6cp Total 12cp 8cp 8cp 8cp 8cp 8cp
013167 013168 013163 CBK9058 Select 36 0 013096 013107 013104 013121 013117 013105	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57103 57147 57152	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment	6cp 6cp 6cp Total 12cp 8cp 8cp 8cp 8cp 8cp
013167 013168 013163 CBK9059 Select 36 0 013096 013107 013104 013121 013117 013105 013090	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57103 57147 57152 57153	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation	6cp 6cp 6cp Total 12cp 8cp 8cp 8cp 8cp 8cp
013167 013168 013163 CBK9058 Select 36 o 013096 013107 013104 013121 013117 013105 013090 013091	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cr 57008 57103 57147 57152 57153 57181	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
013167 013168 013163 CBK9058 Select 36 0 013096 013107 013104 013121 013117 013105 013090 013091 013092	Adult Education: Past, Present, Future New Media and Social Change 59 Options Credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cr 57008 57103 57147 57152 57153 57181	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
013167 013168 013163 CBK9058 Select 36 o 013096 013107 013104 013121 013117 013105 013090 013091	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57103 57147 57152 57153 57181	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manager)	6cp 6cp 6cp Total 12cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp ment)
013167 013168 013163 CBK9058 Select 36 0 013096 013107 013104 013121 013117 013105 013090 013091 013092	Adult Education: Past, Present, Future New Media and Social Change 59 Options Credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57103 57147 57152 57153 57181 CBK9056 Select 16 cc	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manager redit points from the following options:	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
013167 013168 013163 CBK9053 Select 36 0 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013087	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57103 57147 57152 57153 57181	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manageredit points from the following options: Information and Knowledge Management	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
013167 013168 013163 CBK9059 Select 36 0 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013087 013095	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57103 57147 57152 57153 57181 CBK9056 Select 16 cc 57104	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manageredit points from the following options: Information and Knowledge Management Project Part A	6cp 6cp 6cp Total 12cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp ment)
013167 013168 013163 CBK9059 Select 36 0 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013087 013095 013098	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes Independent Study Project 1	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57103 57147 57152 57153 57181 CBK9056 Select 16 cc	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manageredit points from the following options: Information and Knowledge Management	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
013167 013168 013163 CBK9058 Select 36 0 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013087 013098 013106	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes Independent Study Project 1 Mentoring in the Workplace	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57103 57147 57152 57153 57181 CBK9056 Select 16 cc 57104	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manageredit points from the following options: Information and Knowledge Management Project Part A Information and Knowledge Management	8cp 8cp 8cp 8cp 8cp 8cp 8cp 10tal 8cp
013167 013168 013163 CBK9058 Select 36 o 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013087 013095 013098 013106 013112	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes Independent Study Project 1 Mentoring in the Workplace Research Design	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57147 57152 57153 57181 CBK9056 Select 16 cm 57104	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manageredit points from the following options: Information and Knowledge Management Project Part A Information and Knowledge Management Project Part B	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
013167 013168 013163 CBK9058 Select 36 0 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013087 013098 013106	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes Independent Study Project 1 Mentoring in the Workplace	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57103 57147 57152 57153 57181 CBK9056 Select 16 cc 57104	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manager redit points from the following options: Information and Knowledge Management Project Part A Information and Knowledge Management Project Part B Information and Knowledge Management	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 10tal 8cp ment) 16cp
013167 013168 013163 CBK9058 Select 36 o 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013087 013095 013098 013106 013112	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes Independent Study Project 1 Mentoring in the Workplace Research Design Skill Learning and the Development of	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57103 57147 57152 57153 57181 CBK9056 Select 16 cm 57104 57105	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manager redit points from the following options: Information and Knowledge Management Project Part A Information and Knowledge Management Project Part B Information and Knowledge Management Project Part B Information and Knowledge Management Project	6cp 6cp 6cp 6cp Total 12cp 8cp 8cp 8cp 8cp 8cp 8cp Total 8cp ment) 16cp
013167 013168 013163 CBK9058 Select 36 0 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013087 013095 013098 013106 013112 013113	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes Independent Study Project 1 Mentoring in the Workplace Research Design Skill Learning and the Development of Expertise	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57103 57147 57152 57153 57181 CBK9056 Select 16 cm 57104 57105	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manager redit points from the following options: Information and Knowledge Management Project Part A Information and Knowledge Management Project Part B Information and Knowledge Management Project Part B Information and Knowledge Management Project	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 10tal 8cp ment) 16cp 12cp
013167 013168 013163 CBK9058 Select 36 0 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013087 013098 013106 013112 013113	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes Independent Study Project 1 Mentoring in the Workplace Research Design Skill Learning and the Development of Expertise The Psychology of Adult Development	6cp 6cp 7otal 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57103 57147 57152 57153 57181 CBK9056 Select 16 cm 57104 57105	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manager redit points from the following options: Information and Knowledge Management Project Part A Information and Knowledge Management Project Part B Information and Knowledge Management Project Part B Information and Knowledge Management Project	6cp 6cp 6cp 6cp Total 12cp 8cp 8cp 8cp 8cp 8cp 8cp Total 8cp ment) 16cp
013167 013168 013163 CBK9053 Select 36 0 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013087 013098 013106 013112 013113	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes Independent Study Project 1 Mentoring in the Workplace Research Design Skill Learning and the Development of Expertise The Psychology of Adult Development Work and Learning	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cr 57008 57103 57147 57152 57153 57181 CBK9056 Select 16 cc 57104 57105 57009 STM90653	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manageredit points from the following options: Information and Knowledge Management Project Part A Information and Knowledge Management Project Part B Information and Knowledge Management Project Master's option without project	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 10tal 8cp ment) 16cp 12cp
013167 013168 013163 CBK9058 Select 36 0 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013087 013098 013106 013112 013113	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes Independent Study Project 1 Mentoring in the Workplace Research Design Skill Learning and the Development of Expertise The Psychology of Adult Development Work and Learning Adult Education: History, Policy and	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cr 57008 57103 57147 57152 57153 57181 CBK9056 Select 16 cc 57104 57105 57009 STM90653	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manager redit points from the following options: Information and Knowledge Management Project Part A Information and Knowledge Management Project Part B Information and Knowledge Management Project Part B Information and Knowledge Management Project	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 10tal 8cp ment) 16cp 12cp
013167 013168 013163 CBK9059 Select 36 0 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013087 013098 013106 013112 013113 013120 013123 013125	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes Independent Study Project 1 Mentoring in the Workplace Research Design Skill Learning and the Development of Expertise The Psychology of Adult Development Work and Learning Adult Education: History, Policy and Context	6cp 6cp 7otal 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cr 57008 57103 57147 57152 57153 57181 CBK9056 Select 16 cc 57104 57105 57009 STM90653	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manageredit points from the following options: Information and Knowledge Management Project Part A Information and Knowledge Management Project Part B Information and Knowledge Management Project Master's option without project	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 10tal 8cp ment) 16cp 12cp 16cp 16cp 16cp 16cp
013167 013168 013163 CBK9058 Select 36 o 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013095 013098 013106 013112 013123 013123 013125	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes Independent Study Project 1 Mentoring in the Workplace Research Design Skill Learning and the Development of Expertise The Psychology of Adult Development Work and Learning Adult Education: History, Policy and Context Communication Management	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57103 57147 57152 57153 57181 CBK9056 Select 16 cc 57104 57105 57009 STM90653 CBK9056 Select 8 cm	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manageredit points from the following options: Information and Knowledge Management Project Part A Information and Knowledge Management Project Part B Information and Knowledge Management Project Master's option without project	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 10tal 8cp 8cp 8cp 8cp Total 8cp Total 8cp ment) 16cp 12cp 16cp 16cp 16cp 16cp 16cp 8cp
013167 013168 013163 CBK9058 Select 36 o 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013087 013095 013106 013112 013123 013125 013123 013125	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes Independent Study Project 1 Mentoring in the Workplace Research Design Skill Learning and the Development of Expertise The Psychology of Adult Development Work and Learning Adult Education: History, Policy and Context	6cp 6cp 7otal 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57147 57152 57153 57181 CBK9056 Select 16 cc 57104 57105 57009 STM90653 CBK9056 Select 8 cm 57008	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manageredit points from the following options: Information and Knowledge Management Project Part A Information and Knowledge Management Project Part B Information and Knowledge Management Project Master's option without project 4 Electives edit points from the following options: Digital Libraries and Collections	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 10tal 8cp 8cp 8cp 8cp Total 8cp 16cp 16cp 16cp 16cp 16cp 16cp 16cp 8cp
013167 013168 013163 CBK9058 Select 36 o 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013095 013098 013106 013112 013123 013123 013125	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes Independent Study Project 1 Mentoring in the Workplace Research Design Skill Learning and the Development of Expertise The Psychology of Adult Development Work and Learning Adult Education: History, Policy and Context Communication Management	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57147 57152 57153 57181 CBK9056 Select 16 cc 57104 57105 57009 STM90653 CBK9056 Select 8 cm 57008 5708	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manageredit points from the following options: Information and Knowledge Management Project Part A Information and Knowledge Management Project Part B Information and Knowledge Management Project Master's option without project Master's option without project 4 Electives edit points from the following options: Digital Libraries and Collections Information Architecture and Design	6cp 6cp 6cp 6cp Total 12cp 8cp 8cp 8cp 8cp 8cp Total 8cp Total 8cp 16cp 12cp 16cp 16cp Total 16cp
013167 013168 013163 CBK9058 Select 36 o 013096 013107 013104 013121 013117 013090 013091 013092 013093 013087 013098 013106 013112 013123 013123 013125 013127 013128 013129	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes Independent Study Project 1 Mentoring in the Workplace Research Design Skill Learning and the Development of Expertise The Psychology of Adult Development Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57147 57152 57153 57181 CBK9056 Select 16 cm 57104 57105 57009 STM90653 CBK9056 Select 8 cm 57008 57084 57146	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manageredit points from the following options: Information and Knowledge Management Project Part A Information and Knowledge Management Project Part B Information and Knowledge Management Project Master's option without project Master's option without project 4 Electives edit points from the following options: Digital Libraries and Collections Information Architecture and Design Organising Information	8cp
013167 013168 013163 CBK9058 Select 36 0 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013087 013098 013106 013112 013123 013123 013125 013127 013128 013129 013130	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes Independent Study Project 1 Mentoring in the Workplace Research Design Skill Learning and the Development of Expertise The Psychology of Adult Development Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57147 57152 57153 57181 CBK9056 Select 16 cc 57104 57105 57009 STM90653 CBK9056 Select 8 cm 57008 5708	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manageredit points from the following options: Information and Knowledge Management Project Part A Information and Knowledge Management Project Part B Information and Knowledge Management Project Master's option without project Master's option without project 4 Electives edit points from the following options: Digital Libraries and Collections Information Architecture and Design	6cp 6cp 6cp 6cp Total 12cp 8cp 8cp 8cp 8cp 8cp Total 8cp Total 8cp 16cp 12cp 16cp 16cp Total 16cp
013167 013168 013163 CBK9058 Select 36 0 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013087 013095 013106 013112 013123 013123 013125 013127 013128 013129 013130 013131	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes Independent Study Project 1 Mentoring in the Workplace Research Design Skill Learning and the Development of Expertise The Psychology of Adult Development Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57147 57152 57153 57181 CBK9056 Select 16 cm 57104 57105 57009 STM90653 CBK9056 Select 8 cm 57008 57084 57146	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manageredit points from the following options: Information and Knowledge Management Project Part A Information and Knowledge Management Project Part B Information and Knowledge Management Project Waster's option without project Master's option without project 4 Electives edit points from the following options: Digital Libraries and Collections Information Architecture and Design Organising Information Enterprise Content Management	8cp
013167 013168 013163 CBK9053 Select 36 0 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013087 013095 013106 013112 013123 013123 013125 013127 013128 013129 013131 013131	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes Independent Study Project 1 Mentoring in the Workplace Research Design Skill Learning and the Development of Expertise The Psychology of Adult Development Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 2 Technology Enhanced Language Learning	6cp 6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cr 57008 57103 57147 57152 57153 57181 CBK9056 Select 16 cr 57104 57105 57009 STM90653 CBK9056 Select 8 cr 57008 57008 57084 57146 57147 57148	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manageredit points from the following options: Information and Knowledge Management Project Part A Information and Knowledge Management Project Part B Information and Knowledge Management Project Master's option without project Master's option without project Signal Libraries and Collections Information Architecture and Design Organising Information Enterprise Content Management Discovering and Accessing Information	8cp
013167 013168 013163 CBK9058 Select 36 0 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013098 013106 013112 013113 013120 013123 013125 013127 013128 013129 013131 013132 013131	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes Independent Study Project 1 Mentoring in the Workplace Research Design Skill Learning and the Development of Expertise The Psychology of Adult Development Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57103 57147 57152 57153 57181 CBK9056 Select 16 cm 57104 57105 57009 STM90653 CBK9056 Select 8 cm 57008 57084 57146 57147	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manageredit points from the following options: Information and Knowledge Management Project Part A Information and Knowledge Management Project Part B Information and Knowledge Management Project Points from the following options: Master's option without project Master's option without project Information and Knowledge Management Project Troject Master's option without project Master's option without project Master's option without project Digital Libraries and Collections Information Architecture and Design Organising Information Enterprise Content Management Discovering and Accessing Information Investigative Research in the Digital	8cp
013167 013168 013168 013163 CBK9058 Select 36 6 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013095 013098 013106 013112 013123 013125 013127 013128 013129 0131313 0131313 013131	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes Independent Study Project 1 Mentoring in the Workplace Research Design Skill Learning and the Development of Expertise The Psychology of Adult Development Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar	6cp 6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57103 57147 57152 57153 57181 CBK9056 Select 16 cc 57104 57105 STM90653 CBK9056 Select 8 cm 57008 57008 57008 57146 57146 57146 57148 57152	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manageredit points from the following options: Information and Knowledge Management Project Part A Information and Knowledge Management Project Part B Information and Knowledge Management Project Master's option without project 4 Electives edit points from the following options: Digital Libraries and Collections Information Architecture and Design Organising Information Enterprise Content Management Discovering and Accessing Information Investigative Research in the Digital Environment	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 10tal 8cp 8cp 8cp 8cp Total 8cp 8cp Total 8cp
013167 013168 013163 CBK9058 Select 36 0 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013098 013106 013112 013113 013120 013123 013125 013127 013128 013129 013131 013132 013131	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes Independent Study Project 1 Mentoring in the Workplace Research Design Skill Learning and the Development of Expertise The Psychology of Adult Development Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners	6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 571147 57152 57153 57181 CBK9056 Select 16 cc 57104 57105 57009 STM90653 CBK9056 Select 8 cm 57008 57084 57146 57147 57148 57152 57153	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manageredit points from the following options: Information and Knowledge Management Project Part A Information and Knowledge Management Project Part B Information and Knowledge Management Project Master's option without project 4 Electives edit points from the following options: Digital Libraries and Collections Information Architecture and Design Organising Information Enterprise Content Management Discovering and Accessing Information Investigative Research in the Digital Environment Digital Curation	6cp 6cp 6cp 6cp 6cp 6cp 7otal 12cp 8cp 8cp 8cp 8cp 8cp 7otal 8cp 16cp 12cp 16cp 16cp 16cp 7otal 16cp 8cp 8cp 8cp
013167 013168 013168 013163 CBK9058 Select 36 6 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013095 013098 013106 013112 013123 013125 013127 013128 013129 0131313 0131313 013131	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes Independent Study Project 1 Mentoring in the Workplace Research Design Skill Learning and the Development of Expertise The Psychology of Adult Development Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar	6cp 6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 57103 57147 57152 57153 57181 CBK9056 Select 16 cc 57104 57105 STM90653 CBK9056 Select 8 cm 57008 57008 57008 57146 57146 57146 57148 57152	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manageredit points from the following options: Information and Knowledge Management Project Part A Information and Knowledge Management Project Part B Information and Knowledge Management Project Master's option without project 4 Electives edit points from the following options: Digital Libraries and Collections Information Architecture and Design Organising Information Enterprise Content Management Discovering and Accessing Information Investigative Research in the Digital Environment	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 10tal 8cp 8cp 8cp 8cp 8cp Total 8cp
013167 013168 013163 013163 CBK9058 Select 36 of 013096 013107 013104 013121 013117 013105 013090 013091 013092 013093 013087 013095 013106 013112 013123 013125 013127 013128 013129 013131 013131 013131 013131 013131 013133 013134 013135	Adult Education: Past, Present, Future New Media and Social Change 59 Options credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Language and Power Theory and Practice of Teaching English to Speakers of other Languages Theory and Practice of Literacy Language Development e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Discourse Analysis Global Englishes Independent Study Project 1 Mentoring in the Workplace Research Design Skill Learning and the Development of Expertise The Psychology of Adult Development Work and Learning Adult Education: History, Policy and Context Communication Management Learning and Change in Organisations Effective Cognitive Learning Strategies Education for Social Change 1 Education for Social Change 2 Technology Enhanced Language Learning Individual Instruction for Diverse Learners Changing Practices Research Seminar Literary Theory and Education	6cp 6cp 6cp Total 30cp 36cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	16080 15601 15606 CBK9056 Select 8 cm 57008 571147 57152 57153 57181 CBK9056 Select 16 cc 57104 57105 57009 STM90653 CBK9056 Select 8 cm 57008 57084 57146 57147 57148 57152 57153	Fire Safety Systems Planning for Bushfire Prone Areas Vocational Competencies 1 2 Electives edit points from the following options: Digital Libraries and Collections Knowledge Management Strategies Enterprise Content Management Investigative Research in the Digital Environment Digital Curation Recordkeeping Fundamentals 3 Master's option (Information Manageredit points from the following options: Information and Knowledge Management Project Part A Information and Knowledge Management Project Part B Information and Knowledge Management Project Master's option without project 4 Electives edit points from the following options: Digital Libraries and Collections Information Architecture and Design Organising Information Enterprise Content Management Discovering and Accessing Information Investigative Research in the Digital Environment Digital Curation	6cp 6cp 6cp 6cp 6cp 6cp 7otal 12cp 8cp 8cp 8cp 8cp 8cp 7otal 8cp 16cp 12cp 16cp 16cp 16cp 7otal 16cp 8cp 8cp 8cp

CBK905	65 Master's option (Knowledge Manage	ment)		31257	Information System Development	
	credit points from the following options:		6ср	0.40=0	Methodologies	6ср
57104	Information and Knowledge Management		•	31258	Innovations for Global Relationship	600
E710E	Project Part A	4cp		31259	Management Intelligent Agents	6ср 6ср
57105	Information and Knowledge Management Project Part B	12cp		31260	Interface Design	6ср
57009	Information and Knowledge Management	12 c p		31261	Internetworking Project	6cp
0.000	Project	16cp		31262	Introduction to Computer Game Design	6ср
STM90654	4 Master's option without project	16cp		31263	Introduction to Computer Game	
		Total 1	.6ср	31264	Programming Introduction to Computer Craphics	6cp
CDKOUE	// Major shajsa			31274	Introduction to Computer Graphics Network Management	6ср 6ср
	66 Major choice	4	0	31275	Mobile Networking	6ср
M A I 1 1 1 1 1	credit points from the following options: 9 Communication	48cp	.8ср	31276	Networked Enterprise Architecture	6cp
	1 Information Technology	48cp		31277	Routing and Internetworks	6ср
	6 Management Studies	48cp		48433	Software Architecture	6cp
	5 Business Studies	48cp		31280 31282	Strategic IT Project Systems Testing and Quality Management	6ср 6ср
MAJ09399	9 Legal Studies	48cp	0	31283	WANs and Virtual LANs	6cp
		Total 4	8cp	31284	Web Services Development	6ср
CBK905	67 Sub-majors + electives			31285	Mobile Applications Development	6cp
	credit points from the following options:	4	8ср	31335	Extreme Programming	6ср
	Language other than English	24cp	оср	31338	Network Servers	6cp
	Specialist Country Studies	24cp		31777 31927	Human-Computer Interaction Application Development with .NET	6ср 6ср
	8 Exchange electives	24cp		79011	Marketing Law	6cp
	9 Exchange electives	24cp		79013	Industrial and Labour Law	6ср
	Environmental Studies Transnational Studies	24cp 24cp		79014	Applied Company Law	6ср
	Bodies, Genders, Rights	24cp 24cp		79015	Banking Law	6ср
	Media Studies	24cp		79017	Taxation Law	6cp
SMJ10033	S Screen Studies	24cp		79018 79019	Advanced Commercial Law Corporate Environmental Responsibility	6ср 6ср
	Reading Australia	24cp		79021	International Aspects of Australian	оср
	4 Electives	24cp			Taxation Law	6ср
	Communication Aboriginal Studies	24cp 24cp		79022	GST and other Indirect Taxes	6ср
51 v 1j09032	. Aboriginal Studies	Total 4	8cn	79023	Environmental Forensic Law	6ср
		10441 1	СР	79026 79027	Estate Planning (UG) Retirement Planning (UG)	6cp
CBK905	69 Chinese Language and Culture choic	е		79203	Business Law and Ethics	6ср 6ср
	redit points from the following options:		8ср	79371	Legal Issues in Communications	6cp
97101	Chinese Language and Culture 1	8cp		79603	International Business Transactions	1
97102 97103	Chinese Language and Culture 2	8cp			and the Law	6ср
97103	Chinese Language and Culture 3 Chinese Language and Culture 4	8ср 8ср		79606	Advanced Taxation Law	6cp
97105	Chinese Language and Culture 5	8cp		70115 70120	Perspectives on Law Legal Method and Research	8ср 6ср
97106	Chinese Language and Culture 6	8cp		48033	Wireless Sensor Networks: Technology and	оср
97111	Chinese Festivals and Ceremonies	8cp			Applications	6ср
97112 97109	Chinese Film Chinese Mass Media	8cp		31075	Object-relational Databases	6ср
97110	Twentieth Century Chinese Fiction	8cp 8cp		21129	Managing People and Organisations	6ср
,,,,,,	Twended Centary Chances Treaten	Total	8ср	21226 21440	Sustainable Enterprise Management Skills	6ср 6ср
			1	21591	Transnational Management	6ср
	70 Business electives (China Studies)			21630	Global Strategic Management	6cp
	credit points from the following options:		4ср	21229	Management Knowledge	6ср
21591 21630	Transnational Management	6cp		21227	Innovation and Entrepreneurship	6cp
21717	Global Strategic Management International Management	6ср 6ср		21555 21228	Human Resource Management Management Consulting	6ср 6ср
21811	Global Strategic Management	6ср		22107	Accounting for Business Decisions A	6cp
25421	International Financial Management	6cp		24108	Marketing Foundations	6cp
		Total 2	4ср	25300	Fundamentals of Business Finance	6ср
CDKOUE	71 Electives			26134	Business Statistics	6ср
	credit points from the following options:	2	11cm	41001	Cloud Computing and Software as a Service	6ср
31005	Data Mining Algorithms	6cp	4ср	41005	Cloud-based Enterprise Application	оср
31030	Project	6cp			Development	6ср
31080	Digital Multimedia	6ср			_	Total 24cp
31097	IT Operations Management	6cp		CDMOOE	2 Maior chaice (Applied Chamisture)	
31100 31241	Enterprise Development with .NET 3D Computer Animation	6cp			'2 Major choice (Applied Chemistry)	06
31241	Advanced Internet Programming	6ср 6ср			redit points from the following options: Applied Chemistry	96cp 96cp
31243	Analytics Capstone Project B	6ср			Chemical Science	96cp
31246	Network Design	6cp				Total 96cp
31248	Computer Graphics Project	6ср				
31249	Computer Graphics Rendering Techniques	6cp			3 Major choice (Biomedical Biotechnolo	
31250 31251	Introduction to Data Analytics Data Structures and Algorithms	6ср 6ср			redit points from the following options:	96cp
31252	Network Security	6ср			Biotechnology Biomedical Science	96cp 96cp
31253	Database Programming	6cp			Medical Science	96cp
31254	e-Commerce	6ср			Medical and Molecular Biosciences	96cp
31255	Finance and IT	6cp				Total 96cp
31256	Image Processing and Pattern Recognition	6ср				

CBK90574 Major choice (Mathematical Science	:es)	CBK9058	86 Major choice (Science)	
Select 96 credit points from the following options:	96ср		redit points from the following options:	78ср
MAJ01110 Mathematics	96ср	MAJ01087	Applied Chemistry	78ср
MAJ01111 Statistics	96cp	MAJ01088	3 Applied Physics	78cp
	Total 96cp	MAJ01089	Environmental Science	78cp
CDV00E7E Cub major/Floatives			Biomedical Science	78cp
CBK90575 Sub-major/Electives	2.4		Nanotechnology Mathematics	78cp
Select 24 credit points from the following options:	24cp		Biotechnology	78ср 78ср
SMJ10030 Nanotechnology CBK90232 Electives (Science UG)	24cp		Medical Science	78cp
SMJ01031 Statistics (Physical Sciences)	24cp 24cp	141111011120	Wiedreal belefice	Total 78cp
SMJ02054 Scientific Computing	24cp			
SMJ02056 Operations Theory and Management	24cp	CBK9058	88 Options	
,	Total 24cp	Select 18 c	redit points from the following options:	18cp
	1	77746	Advanced Mediation	6ср
CBK90576 Sub-major/Electives (Chemistry)		77945	Current Issues in Taxation	6ср
Select 24 credit points from the following options:	24cp	77715	Banking Law	6ср
CBK90232 Electives (Science UG)	24cp	78026	Business and Law in China	6ср
SMJ01031 Statistics (Physical Sciences)	24cp	77752 70327	Commercial Arbitration (Domestic) Commercial Law	6ср 6ср
SMJ02054 Scientific Computing	24cp	77903	Copyright Law	6ср
SMJ02056 Operations Theory and Management	24cp Total 24cp	77893	Designs Law and Practice	6ср
	rotur 21cp	77761	Dispute Resolution in Commerce	6ср
CBK90577 Sub-major/Electives (Environmen	tal Science)	79771	Dispute Resolution	6cp
Select 24 credit points from the following options:	24cp	77704	European Union Law	6ср
CBK90232 Electives (Science UG)	24cp	70717	Evidence and Criminal Procedure	6ср
SMJ01025 Quantitative Management	24cp	77760	Family Dispute Resolution	6ср
SMJ01029 Quantitative Methods	24cp	78015	Global Aspects of Intellectual Property Law	600
SMJ01030 Statistics (Life Sciences)	24cp	77900	Goods and Services Tax	6ср 6ср
SMJ09055 Marine Biology	24cp	77701	International Economic Law (PG)	6cp
SMJ09056 Environmental Protection	24cp	77716	International Trade Law	6ср
SMJ09057 Environmental Biology	24cp Total 24cp	77724	International Banking and Finance Law	6ср
	Total 24cp	77751	International Commercial	1
CBK90578 Sub-major/Electives (Mathematics	s)		Arbitration	6ср
Select 24 credit points from the following options:	24cp	77783	International Commercial Dispute	_
SMJ08181 Introductory Finance	24cp	77704	Resolution	6cp
SMJ02059 Information Technology	24cp	77794 77935	International Environmental Law International Business Law	6ср 6ср
SMJ09040 Introductory Economics	24cp	77953	International Taxation Law	6ср
SMJ08197 Marketing Principles	24cp	78010	International Criminal Law	6ср
CBK90232 Electives (Science UG)	24cp	78011	International Sale of Goods	6ср
SMJ08160 International Management SMJ08198 Advertising Principles	24cp 24cp	78016	International Humanitarian Law	6ср
51/1)00170 Maverusing Finciples	Total 24cp	78023	International Trade Law and the	
	r	77076	Environment	6ср
CBK90579 Elective 1		77976	World Trade Organisation Law and Practice	6ср
Free choice of electives.		77734	Law and Medicine	6ср
		78008	Law of the Sea	6ср
CBK90580 Elective 2		78029	Mediation Practice	6cp
Free choice of electives.		77745	Negotiation	6cp
CDV00E04 Flactive 2		77792	Crisis Negotiation	6ср
CBK90581 Elective 3		77898	Patent Law	6cp
Free choice of electives.		77850 77740	Psychology and Dispute Resolution	6cp
CBK90582 Elective 4		77740 77901	Research Paper Securities Markets Law	6ср 6ср
Free choice of electives.		77901 77767	Taxation Administration	6ср
Tree choice of electives.		77796	Taxation of Business Entities	6ср
CBK90584 Medical and Molecular Biology cho	oice	77924	Superannuation and Retirement Planning	6cp
Select 18 credit points from the following options:	18cp	77889	Trade Marks Law	6ср
91326 Analytical Biochemistry	6ср	77890	Trade Marks Practice	6ср
91330 Epidemiology and Public Health	÷	77867 STM00111	Workplace Dispute Resolution	6cp
Microbiology	6ср	78039	Research project (Law PG) Wickedness and Vice	12cp
91401 Introductory Haematology and	,	78040	The Law and Education	6ср 6ср
Immunology CBK90581 Elective 3	6cp	78041	New Families, New Technologies	6ср
CBK90361 Elective 3	6cp Total 18cp	78042	Environmental Planning and	- 1
	iotai iocp		DevelopmentLaw	6ср
CBK90585 Major choice (Science)		76008	Jurisprudence	6ср
Select 96 credit points from the following options:	96ср	76024	Environmental Law	6ср
MAJ01079 Applied Chemistry	96ср	76053 76115	Industrial Law	6cp
MAJ01080 Applied Physics	96cp	76115 76212	Insolvency Revenue Law	6ср 6ср
MAJ01081 Biomedical Science	96ср	78212 78111	Banking and Finance Law	6ср 6ср
MAJ01082 Environmental Biology	96cp	78113	Securities Regulation	6ср
MAJ01085 Nanotechnology	96cp	78115	Financial Analysis for the Transactional	r
MAJ01112 Marine Biology MAJ01113 Environmental Forensics	96cp 96cp		Lawyer	6ср
MAJ01113 Environmental Poletisics MAJ01114 Medical Science	96cp	78117	International Regulation of Financial	
MAJ01115 Biotechnology	96cp	70100	Institutions	6cp
MAJ01116 Mathematics	96cp	78122 78126	Corporate Insolvency Corporate Governance	6cp
	Total 96cp	78126 78129	Child Law in Australia	6ср 6ср
		. 5127		~~r

78131	Complex Parenting Disputes	6ср		013113	Skill Learning and the Development of		
78133	Complex Financial and Property Disputes	· · · · · ·			Expertise	6ср	
70100		6 010		012117	Theory and Practice of Literacy		
E010E	(in Family Law)	6cp		013117		6cp	
78135	Current Issues in Family Law	6ср		013120	The Psychology of Adult Development	6ср	
78141	International and Comparative Family			013121	Theory and Practice of Teaching English to		
	Law	6ср			Speakers of other Languages	6ср	
78145	Contemporary Issues in Health Law	6cp		013122	Understanding Adult Education and	1	
78147	Dilemmas in Biomedical Law	6ср		010122	Training	6ср	
				012122			
78150	Law and Mental Health	6cp		013123	Work and Learning	6ср	
78153	International Commercial Transactions	6ср		013125	Adult Education: History, Policy and		
78156	International Environmental Law: Policy				Context	6ср	
	and Implementation	6ср		013127	Communication Management	6ср	
78158	Private International Law	6cp		013128	Learning and Change in Organisations	6cp	
78160	Rights and Obligations in the International	ocp		013129	Effective Cognitive Learning Strategies		
70100		(6cp	
-04.6	Legal System	6cp		013132	Technology Enhanced Language Learning	6cp	
78162	Global Governance and Social Justice	6ср		013133	Individual Instruction for Diverse Learners	6ср	
78164	Law and Regulation	6ср		013134	Changing Practices Research Seminar	6ср	
78166	Media and Entertainment Law and			013135	Literary Theory and Education	6ср	
	Regulation	6ср		013136	Developing People and Teams	6ср	
78168	Perspectives on Regulation	6ср		013137	Educational Leadership	6ср	
78170		оср		013138			
70170	Regulatory Strategies and Compliance				Teaching and Learning in Higher Education		
-04-0	Principles	6cp		013139	Assessing Learning	6cp	
78178	Telecommunications Law and Regulations	6ср		013140	Simulation and Games	6ср	
78173	Dispute Resolution in Civil Practice	6ср		013141	Language Programming and Assessment	6ср	
78138	Facilitation	6ср		013142	Adult Learning and Program Development	6ср	
78180	Converging Media Industries: Regulatory	1		013143	Designs for Learning Research Seminar	6cp	
,0100	Challenges	6ср		013144	Learning and the Family	6ср	
70101							
78181	Deceptive Trade Practices	6cp		013145	Culture, Difference and Curriculum	6cp	
78182	Human Rights Law	6ср		013146	Using Film for Critical Pedagogy	6ср	
78101	Postgraduate Legal Research	6ср		013147	Human Resources and Organisational		
78188	Intellectual Property Commercialisation	6ср			Development	6ср	
78184	Intellectual Property: Law and Policy	6cp		013160	Professional Learning and Practice	6cp	
78186	Intellectual Property and Traditional	ocp		013161	Popular Education and Social Movements	6ср	
70100		(
	Knowledge	6cp		013162	Organisational Learning	6cp	
79031	Employment and Industrial Law	6ср		013163	New Media and Social Change	6ср	
79030	Legal Aspects of Insolvency	6ср		013164	Narrative and Storymaking in Education		
78197	Corporate Finance Transactions 1	6ср			and Change	6ср	
78199	Corporate Finance Transactions 2	6ср		013165	Leading Learning in the Workplace	6ср	
78201	International Development Law	6ср		013166	Education in Policy Contexts	6ср	
78206				013167	Contemporary Work and Learning		
	International Organisations	6ср				6ср	
78212	Communications and Technology:			013168	Adult Education: Past, Present, Future	6ср	
		_			•		
	A Primer	6ср			, ,		12cp
78225		6ср			, ,		12cp
	A Primer Environmental and Sustainable	-					12cp
78225	A Primer Environmental and Sustainable Development Law of China	6ср 6ср		CBK9059	1 Options/PLT		1
	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance	6ср		CBK9059 Select 24 c	21 Options/PLT redit points from the following options:	Total	12cp 24cp
78225 78227	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia	6cp		CBK9059 Select 24 c STM90687	21 Options/PLT redit points from the following options: ' Core subjects (PLT)	Total 24cp	1
78225 78227 78216	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context	6cp 6cp 6cp		CBK9059 Select 24 c STM90687	21 Options/PLT redit points from the following options:	Total 24cp 24cp	24cp
78225 78227 78216 78218	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia	6cp 6cp 6cp 6cp		CBK9059 Select 24 c STM90687	21 Options/PLT redit points from the following options: ' Core subjects (PLT)	Total 24cp 24cp	1
78225 78227 78216	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context	6cp 6cp 6cp		CBK9059 Select 24 c STM90687	21 Options/PLT redit points from the following options: ' Core subjects (PLT)	Total 24cp 24cp	24cp
78225 78227 78216 78218	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia	6cp 6cp 6cp 6cp 6cp	18ср	CBK9059 Select 24 c STM90687 CBK90507	P1 Options/PLT redit points from the following options: 'Core subjects (PLT) 'Options (Law)	Total 24cp 24cp	24cp
78225 78227 78216 78218	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia	6cp 6cp 6cp 6cp 6cp	18ср	CBK9059 Select 24 c STM90687 CBK90507	redit points from the following options: Core subjects (PLT) Options (Law)	Total 24cp 24cp	24cp
78225 78227 78216 78218 78222	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia Law of Slavery and Human Trafficking	6cp 6cp 6cp 6cp 6cp	18ср	CBK9059 Select 24 c STM90687 CBK90507 CBK9059 Select 18 c	P1 Options/PLT redit points from the following options: 'Core subjects (PLT)' 'Options (Law) P2 Options redit points from the following options:	Total 24cp 24cp Total	24cp
78225 78227 78216 78218 78222 CBK9058	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia Law of Slavery and Human Trafficking	6cp 6cp 6cp 6cp 6cp		CBK9059 Select 24 c STM90687 CBK90507 CBK9059 Select 18 c 76016	P1 Options/PLT redit points from the following options: 'Core subjects (PLT) 'Options (Law) P2 Options redit points from the following options: Advanced Revenue Law	Total 24cp 24cp Total 6cp	24cp
78225 78227 78216 78218 78222 CBK9058 Select 24 c	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia Law of Slavery and Human Trafficking 89 Electives credit points from the following options:	6cp 6cp 6cp 6cp 6cp Total	18cp 24cp	CBK9059 Select 24 c STM90687 CBK90507 CBK9059 Select 18 c	P1 Options/PLT redit points from the following options: 'Core subjects (PLT)' 'Options (Law) P2 Options redit points from the following options:	Total 24cp 24cp Total 6cp	24cp
78225 78227 78216 78218 78222 CBK9058 Select 24 of 21872	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia Law of Slavery and Human Trafficking	6cp 6cp 6cp 6cp 6cp		CBK9059 Select 24 c STM90687 CBK90507 CBK9059 Select 18 c 76016	redit points from the following options: Core subjects (PLT) Options (Law) 2 Options redit points from the following options: Advanced Revenue Law Advanced Contracts	24cp 24cp Total	24cp
78225 78227 78216 78218 78222 CBK9058 Select 24 c	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia Law of Slavery and Human Trafficking 89 Electives credit points from the following options:	6cp 6cp 6cp 6cp Total		CBK9059 Select 24 c STM90687 CBK90507 CBK9059 Select 18 c 76016 76047 76003	redit points from the following options: Core subjects (PLT) Options (Law) 2 Options redit points from the following options: Advanced Revenue Law Advanced Contracts Asian Law and Legal Systems	24cp 24cp Total	24cp
78225 78227 78216 78218 78222 CBK9058 Select 24 of 21872 21869	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia Law of Slavery and Human Trafficking 89 Electives redit points from the following options: Organisational Analysis Innovation and Entrepreneurship	6cp 6cp 6cp 6cp Total		CBK9059 Select 24 c STM90687 CBK90507 CBK9059 Select 18 c 76016 76047 76003 76074	redit points from the following options: Core subjects (PLT) Options (Law) 22 Options redit points from the following options: Advanced Revenue Law Advanced Contracts Asian Law and Legal Systems Australian Civil Liberties Law	24cp 24cp Total	24cp
78225 78227 78216 78218 78222 CBK9058 Select 24 of 21872 21869 21870	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia Law of Slavery and Human Trafficking 89 Electives redit points from the following options: Organisational Analysis Innovation and Entrepreneurship Strategic Human Resource Management	6cp 6cp 6cp 6cp Total		CBK9059 Select 24 c STM90687 CBK90507 CBK9059 Select 18 c 76016 76047 76003 76074 76070	redit points from the following options: Core subjects (PLT) Options (Law) 22 Options redit points from the following options: Advanced Revenue Law Advanced Contracts Asian Law and Legal Systems Australian Civil Liberties Law Biomedical Law and Bioethics	24cp 24cp Total 6cp 6cp 6cp 6cp 6cp	24cp
78225 78227 78216 78218 78222 CBK9058 Select 24 c 21872 21879 21870 21871	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia Law of Slavery and Human Trafficking 89 Electives redit points from the following options: Organisational Analysis Innovation and Entrepreneurship Strategic Human Resource Management Operations and Value Chain Strategy	6cp 6cp 6cp 6cp Total		CBK9059 Select 24 c STM90687 CBK90507 CBK9059 Select 18 c 76016 76047 76003 76074 76070 76066	redit points from the following options: Core subjects (PLT) Options (Law) 2 Options redit points from the following options: Advanced Revenue Law Advanced Contracts Asian Law and Legal Systems Australian Civil Liberties Law Biomedical Law and Bioethics Children and the Law	24cp 24cp Total	24cp
78225 78227 78216 78218 78222 CBK9058 Select 24 of 21872 21869 21870 21871 22816	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia Law of Slavery and Human Trafficking 89 Electives redit points from the following options: Organisational Analysis Innovation and Entrepreneurship Strategic Human Resource Management Operations and Value Chain Strategy Financial Analysis and Business Valuations	6cp 6cp 6cp 6cp Total 8cp 8cp 8cp 8cp 8cp		CBK9059 Select 24 c STM90687 CBK90507 CBK9059 Select 18 c 76016 76047 76003 76074 76070 76066 76048	redit points from the following options: Core subjects (PLT) Options (Law) 22 Options redit points from the following options: Advanced Revenue Law Advanced Contracts Asian Law and Legal Systems Australian Civil Liberties Law Biomedical Law and Bioethics Children and the Law Citizenship and Immigration Law	24cp 24cp Total 6cp 6cp 6cp 6cp 6cp	24cp
78225 78227 78216 78218 78222 CBK9058 Select 24 c 21872 21869 21870 21871 22816 22815	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia Law of Slavery and Human Trafficking 89 Electives redit points from the following options: Organisational Analysis Innovation and Entrepreneurship Strategic Human Resource Management Operations and Value Chain Strategy Financial Analysis and Business Valuations Business Decisions and Models	6cp 6cp 6cp 6cp Total 8cp 8cp 8cp 8cp 8cp 8cp		CBK9059 Select 24 c STM90687 CBK90507 CBK9059 Select 18 c 76016 76047 76003 76074 76070 76066	redit points from the following options: Core subjects (PLT) Options (Law) 2 Options redit points from the following options: Advanced Revenue Law Advanced Contracts Asian Law and Legal Systems Australian Civil Liberties Law Biomedical Law and Bioethics Children and the Law	24cp 24cp Total	24cp
78225 78227 78216 78218 78222 CBK9058 Select 24 of 21872 21869 21870 21871 22816 22815 24808	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia Law of Slavery and Human Trafficking 89 Electives redit points from the following options: Organisational Analysis Innovation and Entrepreneurship Strategic Human Resource Management Operations and Value Chain Strategy Financial Analysis and Business Valuations Business Decisions and Models Advanced Marketing Strategies	6cp 6cp 6cp 6cp Total 8cp 8cp 8cp 8cp 8cp		CBK9059 Select 24 c STM90687 CBK90507 CBK9059 Select 18 c 76016 76047 76003 76074 76070 76066 76048	redit points from the following options: Core subjects (PLT) Options (Law) 22 Options redit points from the following options: Advanced Revenue Law Advanced Contracts Asian Law and Legal Systems Australian Civil Liberties Law Biomedical Law and Bioethics Children and the Law Citizenship and Immigration Law	24cp 24cp Total	24cp
78225 78227 78216 78218 78222 CBK9058 Select 24 c 21872 21869 21870 21871 22816 22815	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia Law of Slavery and Human Trafficking 89 Electives redit points from the following options: Organisational Analysis Innovation and Entrepreneurship Strategic Human Resource Management Operations and Value Chain Strategy Financial Analysis and Business Valuations Business Decisions and Models Advanced Marketing Strategies	6cp 6cp 6cp 6cp Total 8cp 8cp 8cp 8cp 8cp 8cp		CBK9059 Select 24 c STM90687 CBK90507 CBK9059 Select 18 c 76016 76047 76003 76074 76070 76066 76048 76042	redit points from the following options: Core subjects (PLT) Options (Law) 2 Options redit points from the following options: Advanced Revenue Law Advanced Contracts Asian Law and Legal Systems Australian Civil Liberties Law Biomedical Law and Bioethics Children and the Law Citizenship and Immigration Law Electronic Communications Content Regulation	24cp 24cp 24cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp	24cp
78225 78227 78216 78218 78222 CBK9058 Select 24 of 21872 21869 21870 21871 22816 22815 24808	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia Law of Slavery and Human Trafficking 89 Electives redit points from the following options: Organisational Analysis Innovation and Entrepreneurship Strategic Human Resource Management Operations and Value Chain Strategy Financial Analysis and Business Valuations Business Decisions and Models Advanced Marketing Strategies Marketing Strategy in Practice	6cp 6cp 6cp 6cp Total 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		CBK9059 Select 24 c STM90687 CBK90507 CBK9059 Select 18 c 76016 76047 76003 76074 76070 76066 76048 76042	redit points from the following options: Core subjects (PLT) Options (Law) 2 Options redit points from the following options: Advanced Revenue Law Advanced Contracts Asian Law and Legal Systems Australian Civil Liberties Law Biomedical Law and Bioethics Children and the Law Citizenship and Immigration Law Electronic Communications Content Regulation Community Justice Studies	24cp 24cp 7 Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	24cp
78225 78227 78216 78218 78222 CBK9058 Select 24 of 21872 21869 21870 21871 22816 22815 24808 24807 25844	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia Law of Slavery and Human Trafficking 89 Electives redit points from the following options: Organisational Analysis Innovation and Entrepreneurship Strategic Human Resource Management Operations and Value Chain Strategy Financial Analysis and Business Valuations Business Decisions and Models Advanced Marketing Strategies Marketing Strategy in Practice Managerial Corporate Finance	6cp 6cp 6cp 6cp 7 Total 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		CBK9059 Select 24 c STM90687 CBK90507 CBK9059 Select 18 c 76016 76047 76003 76074 76070 76066 76048 76042 76069 76075	redit points from the following options: Core subjects (PLT) Options (Law) 2 Options redit points from the following options: Advanced Revenue Law Advanced Contracts Asian Law and Legal Systems Australian Civil Liberties Law Biomedical Law and Bioethics Children and the Law Citizenship and Immigration Law Electronic Communications Content Regulation Community Justice Studies Contemporary Legal Studies 1	24cp 24cp 24cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	24cp
78225 78227 78216 78218 78222 CBK9058 Select 24 of 21872 21869 21870 21871 22816 22815 24808 24807 25844 26800	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia Law of Slavery and Human Trafficking 89 Electives redit points from the following options: Organisational Analysis Innovation and Entrepreneurship Strategic Human Resource Management Operations and Value Chain Strategy Financial Analysis and Business Valuations Business Decisions and Models Advanced Marketing Strategies Marketing Strategy in Practice Managerial Corporate Finance International Business Consulting	6cp 6cp 6cp 6cp 6cp Total 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		CBK9059 Select 24 c STM90687 CBK90507 CBK90507 CBK9059 Select 18 c 76016 76047 76003 76074 76070 76066 76048 76042 76069 76075 76076	redit points from the following options: Core subjects (PLT) Options (Law) 22 Options redit points from the following options: Advanced Revenue Law Advanced Contracts Asian Law and Legal Systems Australian Civil Liberties Law Biomedical Law and Bioethics Children and the Law Citizenship and Immigration Law Electronic Communications Content Regulation Community Justice Studies Contemporary Legal Studies 1 Contemporary Legal Studies 2	24cp 24cp 7 Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	24cp
78225 78227 78216 78218 78222 CBK9058 Select 24 of 21872 21869 21870 21871 22816 22815 24808 24807 25844	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia Law of Slavery and Human Trafficking 89 Electives redit points from the following options: Organisational Analysis Innovation and Entrepreneurship Strategic Human Resource Management Operations and Value Chain Strategy Financial Analysis and Business Valuations Business Decisions and Models Advanced Marketing Strategies Marketing Strategy in Practice Managerial Corporate Finance	6cp 6cp 6cp 6cp Total 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	24cp	CBK9059 Select 24 c STM90687 CBK90507 CBK9059 Select 18 c 76016 76047 76003 76074 76070 76066 76048 76042 76069 76075	redit points from the following options: Core subjects (PLT) Options (Law) 22 Options redit points from the following options: Advanced Revenue Law Advanced Contracts Asian Law and Legal Systems Australian Civil Liberties Law Biomedical Law and Bioethics Children and the Law Citizenship and Immigration Law Electronic Communications Content Regulation Community Justice Studies Contemporary Legal Studies 1 Contemporary Legal Studies 2 Contemporary Issues in Constitutional	24cp 24cp 24cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	24cp
78225 78227 78216 78218 78222 CBK9058 Select 24 of 21872 21869 21870 21871 22816 22815 24808 24807 25844 26800	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia Law of Slavery and Human Trafficking 89 Electives redit points from the following options: Organisational Analysis Innovation and Entrepreneurship Strategic Human Resource Management Operations and Value Chain Strategy Financial Analysis and Business Valuations Business Decisions and Models Advanced Marketing Strategies Marketing Strategy in Practice Managerial Corporate Finance International Business Consulting	6cp 6cp 6cp 6cp Total 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp		CBK9059 Select 24 c STM90687 CBK90507 CBK90597 Select 18 c 76016 76047 76003 76074 76070 76066 76048 76042 76069 76075 76076 78021	redit points from the following options: Core subjects (PLT) Options (Law) 22 Options redit points from the following options: Advanced Revenue Law Advanced Contracts Asian Law and Legal Systems Australian Civil Liberties Law Biomedical Law and Bioethics Children and the Law Citizenship and Immigration Law Electronic Communications Content Regulation Community Justice Studies Contemporary Legal Studies 1 Contemporary Legal Studies 2 Contemporary Issues in Constitutional Law	24cp 24cp 24cp Total 6cp	24cp
78225 78227 78216 78218 78222 CBK9058 Select 24 c 21872 21869 21870 21871 22816 22815 24808 24807 25844 26800 21886	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia Law of Slavery and Human Trafficking 89 Electives redit points from the following options: Organisational Analysis Innovation and Entrepreneurship Strategic Human Resource Management Operations and Value Chain Strategy Financial Analysis and Business Valuations Business Decisions and Models Advanced Marketing Strategies Marketing Strategy in Practice Managerial Corporate Finance International Business Consulting Integrated Business Consulting	6cp 6cp 6cp 6cp Total 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	24cp	CBK9059 Select 24 c STM90687 CBK90507 CBK9059 Select 18 c 76016 76047 76003 76074 76006 76048 76042 76069 76075 76076 78021	redit points from the following options: Core subjects (PLT) Options (Law) 22 Options redit points from the following options: Advanced Revenue Law Advanced Contracts Asian Law and Legal Systems Australian Civil Liberties Law Biomedical Law and Bioethics Children and the Law Citizenship and Immigration Law Electronic Communications Content Regulation Community Justice Studies Contemporary Legal Studies 1 Contemporary Legal Studies 2 Contemporary Issues in Constitutional	24cp 24cp 24cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	24cp
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78225 78227 78216 78218 78218 78222 CBK9058 Select 24 of 21872 21869 21870 21871 22816 22815 24808 24807 25844 26800 21886 CBK9059 Select 12 of 013087 013090 013091 013092 013093 013095 013096 013098 013104 013105 013106 013107	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia Law of Slavery and Human Trafficking 89 Electives redit points from the following options: Organisational Analysis Innovation and Entrepreneurship Strategic Human Resource Management Operations and Value Chain Strategy Financial Analysis and Business Valuations Business Decisions and Models Advanced Marketing Strategies Marketing Strategy in Practice Managerial Corporate Finance International Business Consulting Integrated Business Consulting PO Options redit points from the following options: Discourse Analysis e-Learning Design e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Global Englishes Grammar and the Construction of Meaning Independent Study Project 1 Language and Power Language Development Mentoring in the Workplace	6cp 6cp 6cp 6cp 6cp 6cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	24cp	CBK9059 Select 24 c STM90687 CBK90507 CBK9059 Select 18 c 76016 76047 76003 76074 76070 76066 76048 76072 76067 76075 76076 78021 76012 76022 76024 76801 76802 76802 76803 76804 76516 76080 76007 76068 76703	redit points from the following options: Core subjects (PLT) Options (Law) 22 Options redit points from the following options: Advanced Revenue Law Advanced Contracts Asian Law and Legal Systems Australian Civil Liberties Law Biomedical Law and Bioethics Children and the Law Citizenship and Immigration Law Electronic Communications Content Regulation Community Justice Studies Contemporary Legal Studies 1 Contemporary Legal Studies 2 Contemporary Issues in Constitutional Law Criminology Deceptive Trade Practices and Product Liability Dispute Resolution Advocacy Environmental Law Exchange Subject 1 Exchange Subject 1 Exchange Subject 2 Exchange Subject 3 Exchange Subject 4 Family Law Finance Law International Human Rights Law Indigenous Peoples and the Law Indigenous Peoples, the Environment and Property Industrial Law	24cp 24cp 24cp 7 Total 6cp	24cp
78225 78227 78216 78218 78218 78222 CBK9058 Select 24 of 21872 21869 21870 21871 22816 22815 24808 24807 25844 26800 21886 CBK9059 Select 12 of 013087 013090 013091 013092 013093 013095 013096 013098 013104 013105 013106 013107	A Primer Environmental and Sustainable Development Law of China Financial Services Law and Compliance in Australia Competition Law in a Global Context Animal Law and Policy in Australia Law of Slavery and Human Trafficking 89 Electives redit points from the following options: Organisational Analysis Innovation and Entrepreneurship Strategic Human Resource Management Operations and Value Chain Strategy Financial Analysis and Business Valuations Business Decisions and Models Advanced Marketing Strategies Marketing Strategy in Practice Managerial Corporate Finance International Business Consulting Integrated Business Consulting PO Options redit points from the following options: Discourse Analysis e-Learning Experiences 1 e-Learning Experiences 1 e-Learning Experiences 2 e-Learning Technologies Global Englishes Grammar and the Construction of Meaning Independent Study Project 1 Language and Power Language Development Mentoring in the Workplace Phonology and Pronunciation	6cp 6cp 6cp 6cp 6cp 6cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	24cp	CBK9059 Select 24 c STM90687 CBK90507 CBK90507 CBK9059 Select 18 c 76016 76047 76003 76074 76074 76066 76048 76072 76066 76042 76069 76075 76076 78021 76012 76023 76052 76024 76801 76802 76804 76516 76804 76516 76007 76068 76703	redit points from the following options: Core subjects (PLT) Options (Law) 22 Options redit points from the following options: Advanced Revenue Law Advanced Contracts Asian Law and Legal Systems Australian Civil Liberties Law Biomedical Law and Bioethics Children and the Law Citizenship and Immigration Law Electronic Communications Content Regulation Community Justice Studies Contemporary Legal Studies 1 Contemporary Legal Studies 2 Contemporary Issues in Constitutional Law Criminology Deceptive Trade Practices and Product Liability Dispute Resolution Advocacy Environmental Law Exchange Subject 1 Exchange Subject 1 Exchange Subject 3 Exchange Subject 4 Family Law Finance Law International Human Rights Law Indigenous Peoples and the Law Indigenous Peoples, the Environment and	24cp 24cp 24cp Total 6cp	24cp

76521	Intellectual Property and Traditional		77751	International Commercial	
	Knowledge	6ср		Arbitration	6ср
77794	International Environmental Law	6cp	77783	International Commercial Dispute	F
76005	Islamic Law		77700	Resolution	6an
		6ср	7770 A		6ср
76039	Jessup International Moot	6ср	77794	International Environmental Law	6ср
76008	Jurisprudence	6ср	77935	International Business Law	6ср
76015	Labour Law	6ср	77953	International Taxation Law	6ср
76045	Medicine and Law	6ср	78010	International Criminal Law	6ср
78008	Law of the Sea	6cp	78011	International Sale of Goods	6cp
76063	Media Law	6ср	78016	International Humanitarian Law	6ср
76900	Moot	6ср	78023	International Trade Law and the	
76006	Public International Law	6ср		Environment	6ср
76040	Research Thesis	6ср	77976	World Trade Organisation Law and	•
76027	Competition Law	6ср		Practice	6ср
76212	Revenue Law		77734	Law and Medicine	
		6ср			6ср
76002	Sports Law	6ср	78008	Law of the Sea	6ср
76517	Succession	6ср	78029	Mediation Practice	6ср
76901	Vis Arbitral Moot	6ср	77745	Negotiation	6ср
77704	European Union Law	6ср	77898	Patent Law	6ср
77715	Banking Law	6ср	77850	Psychology and Dispute Resolution	6ср
77901					
	Securities Markets Law	6cp	77740	Research Paper	6cp
78025	Intellectual Property: Law and Policy	6ср	77901	Securities Markets Law	6ср
78040	The Law and Education	6ср	77767	Taxation Administration	6ср
76081	Gender, Law and Sexuality	6ср	77796	Taxation of Business Entities	6ср
78042	Environmental Planning and	1	77924	Superannuation and Retirement Planning	6ср
	DevelopmentLaw	6ср	77889	Trade Marks Law	6cp
7(000		оср	77890		
76082	International Regulation of Financial			Trade Marks Practice	6cp
	Institutions	6ср	77867	Workplace Dispute Resolution	6ср
76037	Advanced Criminal Law	6ср	78041	New Families, New Technologies	6ср
78039	Wickedness and Vice	6ср	78039	Wickedness and Vice	6ср
76019	Broadcasting and Telecommunications	~ · · · ·	78040	The Law and Education	6cp
70017		600	78042		оср
T (000	Regulation	6ср	70042	Environmental Planning and	,
76009	Introduction to Chinese Business Law	6ср		DevelopmentLaw	6cp
76013	World Trade Law	6ср	76008	Jurisprudence	6ср
76001	Comparative Law	6ср	76024	Environmental Law	6ср
76112	Conflict of Laws	6ср	76053	Industrial Law	6ср
76010	Disability and the Law	6cp	76115	Insolvency	6cp
76020	Entertainment Law	. *	76212		
		6cp		Revenue Law	6ср
76021	Advanced Remedies	6ср	78101	Postgraduate Legal Research	6ср
78013	Refugee Law and Practice	6ср	78111	Banking and Finance Law	6ср
76022	Insurance Law	6ср	78113	Securities Regulation	6ср
76025	International Organisations	6cp	78115	Financial Analysis for the Transactional	1
76902	Law and Literature	6cp	,0110	Lawyer	6cn
			70117		6ср
76903	International Commercial Transactions	6ср	78117	International Regulation of Financial	
78030	Criminal Sentencing Law	6ср		Institutions	6ср
76030	Genetics and the Law	6ср	78122	Corporate Insolvency	6ср
76036	International Trade Law and the	•	78126	Corporate Governance	6ср
	Environment	6ср	78129	Child Law in Australia	6cp
76034	Law of Slavery and Human Trafficking	6ср	78135	Current Issues in Family Law	6ср
76033	Animal Law and Policy in Australia	6ср	78131	Complex Parenting Disputes	6ср
76038	Law and Mental Health	6ср	78133	Complex Financial and Property Disputes	
76041	Climate Law and Carbon Markets	6ср		(in Family Law)	6ср
77740	Research Paper	6ср	78141	International and Comparative Family	•
76043	Building and Construction Law	6cp		Law	6ср
76056	Intellectual Property Commercialisation	oc _P	78138	Facilitation	6ср
70030		(
	Overview	6ср	78147	Dilemmas in Biomedical Law	6cp
76904	Price International Media Law Moot	6ср	78145	Contemporary Issues in Health Law	6ср
		Total 18cp	78150	Law and Mental Health	6ср
			78156	International Environmental Law: Policy	
CBK905	93 Options			and Implementation	6ср
		Ć	78160	Rights and Obligations in the International	ocp
	redit points from the following options:	6ср	70100		
77746	Advanced Mediation	6ср	-04-0	Legal System	6cp
77945	Current Issues in Taxation	6ср	78158	Private International Law	6ср
77715	Banking Law	6ср	78153	International Commercial Transactions	6ср
78026	Business and Law in China	6ср	78164	Law and Regulation	6ср
77752	Commercial Arbitration (Domestic)		78168	Perspectives on Regulation	6ср
		6ср	78170	Regulatory Strategies and Compliance	ocp
70327	Commercial Law	6ср	76170		
77903	Copyright Law	6ср		Principles	6cp
77792	Crisis Negotiation	6ср	78162	Global Governance and Social Justice	6ср
77893	Designs Law and Practice	6ср	78166	Media and Entertainment Law and	
77761	Dispute Resolution in Commerce	6ср		Regulation	6ср
79771	Dispute Resolution	. *	78180	Converging Media Industries: Regulatory	-1
		6cp	70100	Challenges	6cm
77704	European Union Law	6ср	70170		6cp
70717	Evidence and Criminal Procedure	6ср	78178	Telecommunications Law and Regulations	6cp
77760	Family Dispute Resolution	6ср	78173	Dispute Resolution in Civil Practice	6ср
78015	Global Aspects of Intellectual Property	•	78181	Deceptive Trade Practices	6ср
. 5010	Law	6cp	78182	Human Rights Law	6ср
77000		6cp	79031	Employment and Industrial Law	
77900	Goods and Services Tax	6ср			6cp
77701	International Economic Law (PG)	6ср	79030	Legal Aspects of Insolvency	6cp
77716	International Trade Law	6ср	78184	Intellectual Property: Law and Policy	6ср
77724	International Banking and Finance Law	6cp	78186	Intellectual Property and Traditional	
_		1		Knowledge	6ср
			78188	Intellectual Property Commercialisation	6cp
			. 0100		P

78197	Corporate Finance Transactions 1	6ср		CBK9059	99 Level 3 subject choice (Life and Enviro	nmental
78199	Corporate Finance Transactions 2	6ср		Sciences		
78201	International Development Law	6ср			·	26.00
78021	Contemporary Issues in Constitutional	•			credit points from the following options:	36cp
	Law	6ср		66513	Marine Geosciences	6ср
78212	Communications and Technology:	- T		91120	GIS and Remote Sensing	6cp
	A Primer	6ср		91121	Aquatic Ecology	6cp
78225	Environmental and Sustainable	ocp		91126	Coral Reef Ecosystems	6ср
. 0220	Development Law of China	6ср		91129	Transfusion Science	6ср
78227	Financial Services Law and Compliance	оср		91155	Stream and Lake Assessment	6ср
70227	in Australia	6ср		91156	Marine Primary Producers	6ср
78216	Competition Law in a Global Context			91309	Biodiversity Conservation	6ср
78218	Animal Law and Policy in Australia	6cp		91335	Molecular Biology 2	6ср
78222		6cp		91338	Clinical Bacteriology	6ср
70222	Law of Slavery and Human Trafficking	6cp	600	91344	Medical and Diagnostic Biochemistry	6ср
		Total	оср	91345	Biochemistry, Genes and Disease	6ср
CDKOUE	94 Electives A (Biomedical Science)			91352	Parasitology	6ср
	·			91358	Advanced Haematology	6ср
	credit points from the following options:		12cp	91359	Advanced Immunology	6ср
91326	Analytical Biochemistry	6ср		91368	Bioreactors and Bioprocessing	6ср
91330	Epidemiology and Public Health			91369	Biobusiness and Environmental	•
	Microbiology	6ср			Biotechnology	6ср
91401	Introductory Haematology and			91370	Semi-arid Ecology	6cp
	Immunology	6ср		91371	Forest and Mountain Ecology	6cp
		Total 1	12cp	91402	Anatomical Pathology	6cp
				91706	Neuroscience	6cp
CBK905	95 Electives B (Biomedical Science)			91707	Pharmacology 1	6ср
Select 12	credit points from the following options:	1	12cp	91708	Medical and Applied Physiology	6ср
91338	Clinical Bacteriology	6ср	1	91709	Pharmacology 2	6cp
91358	Advanced Haematology	6cp		91145	Environmental Protection and	ocp
91344	Medical and Diagnostic Biochemistry	6ср			Management	6ср
91335	Molecular Biology 2	6cp		91163	Alpine and Lowland Ecology	6cp
91359	Advanced Immunology	6ср		71100	rupine and Lowland Leology	Total 36cp
		Total 1	12ср			rotur bocp
			-1	CBK9040	00 Elective (Biomedical Science)	
CBK905	96 Humanities electives (China Studies)				redit points from the following options:	6an
Select 24	credit points from the following options:		24ср	91338	Clinical Bacteriology	6cp
57025	Intercultural and International	2	тер	91358		6cp
37023	Communication	8ср		91335	Advanced Haematology	6cp
57026	Strategic Communication and Negotiation	8cp			Molecular Biology 2	6cp
	9 Chinese Language and Culture choice			91344	Medical and Diagnostic Biochemistry	6ср
	7 Chinese Language and Culture	8cp		91359	Advanced Immunology	6ср
	4 Chinese Language and Culture	16cp		91142	Biotechnology	6ср
CDK9049	4 Chinese Language and Culture	24cp Total 2	Man	91144	Plant Biotechnology	6cp
		10141 2	-тср			Total 6cp
CBK905	97 Options (Planning) Level 3			CBKOUY	01 Secondary Education	
	credit points from the following options:		24cn			144
	4 Major Project stream		24cp		credit points from the following options:	144cp
	, ,	24cp		013001	The Psychology of Adolescent Learning	6ср
511/19050	5 Minor project + electives stream	24cp	24	013002	Designing Learning for a Digital Generation	
		Total 2	24CP	013003	Evidence-based Practice	3ср
CDKOUE	98 Level 2 subject choice (Life and Envir	ronmon!	tal.	013004	Issues in Indigenous Australian Education	3ср
		ommen	lal	013005	The Secondary School	6ср
Science	S)			013006	Educating Students with Special Needs	6cp
Select 36	credit points from the following options:	3	36ср	013007	Professional Learning Portfolio	6ср
65621	Environmental Chemistry	6ср		013008	The Socio-cultural Contexts of Secondary	2
91110	Experimental Design and Sampling	6ср		04600-	Education	3ср
91132	Molecular Biology 1	6ср		013009	Professional Experience 1	
91142	Biotechnology	6ср			(Commerce, Business and Economics)	6ср
91144	Plant Biotechnology	6ср		013011	Professional Experience 1 (English/History)	6ср
91149	Geological Processes	6ср		013012	Professional Experience 1 (English)	6ср
91154	Ecology	6ср		013013	Professional Experience 1 (Geography/	
91157	Marine Communities	6ср			Commerce, Business and Economics)	6ср
91159	Environmental Forensics	6ср		013014	Professional Experience 1	
91270	Plant Physiology and Ecophysiology	6cp			(History/Geography)	6ср
91314	General Microbiology	6ср		013016	Professional Experience 1 (Languages)	6ср
91320	Metabolic Biochemistry	6ср		013017	Professional Experience 1	
91326	Analytical Biochemistry	6ср			(Mathematics/Computing Studies)	6ср
91330	Epidemiology and Public Health			013018	Professional Experience 1	
	Microbiology	6ср			(Mathematics/Science)	6ср
91363	Animal Behaviour and Physiology	6ср		013019	Professional Experience 1	
91401	Introductory Haematology and	- I.			(Personal Development, Health	
-	Immunology	6ср			and Physical Education)	6ср
91500	Histology	6ср		013020	Professional Experience 1	
91703	Physiological Systems	6ср			(Science/Computing Studies)	6ср
91705	Medical Devices and Diagnostics	6ср		013021	Professional Experience 1 (Science)	6ср
		Total 3	36ср	013022	Professional Experience 1 (Visual Arts)	6cp
			-r	013023	Professional Experience 1 (Mathematics)	6cp

013024	Dun fancian al Europeian an 2 (Comuna ausa		012152	Due feesier al Europian es 1	
	Professional Experience 2 (Commerce,	(013153	Professional Experience 1	(
012026	Business and Economics)	6ср	012154	(Computing Studies)	6ср
013026	Professional Experience 2 (English/History)	6ср	013154	Professional Experience 2	(
013027	Professional Experience 2 (English)	6ср	010155	(Computing Studies)	6ср
013028	Professional Experience 2 (Geography/		013155	Professional Experience 1	
042020	Commerce, Business and Economics)	6ср		(Commerce, Business Studies and	
013029	Professional Experience 2		040456	Economics/Computing Studies)	6ср
040004	(History/Geography)	6ср	013156	Professional Experience 2	
013031	Professional Experience 2 (Languages)	6ср		(Commerce, Business Studies and	
013032	Professional Experience 2			Economics/Computing Studies)	6ср
	(Mathematics/Computing Studies)	6ср	013157	Computing Studies Teaching Methods 3	6ср
013033	Professional Experience 2		013158	Computing Studies Teaching Methods 4	6ср
	(Mathematics/Science)	6ср	013953	Adult Learning in Context	6ср
013034	Professional Experience 2 (Mathematics)	6ср	013954	Program Design	6ср
013035	Professional Experience 2		013955	Assessing Learning	6ср
	(Personal Development Health and		013956	Professional Practice 1	6ср
	Physical Education)	6ср	013957	Professional Practice 2	6ср
013036	Professional Experience 2		013958	Language Teaching Methodology	6ср
	(Science/Computing Studies)	6ср	013959	Communication and Learning	6ср
013037	Professional Experience 2 (Science)	6ср	013960	Individual Communication in the	1
013038	Professional Experience 2 (Visual Arts)	6ср		Workplace	6ср
013039	Commerce, Business Studies and	1	013961	Team Communication in the Workplace	6cp
	Economics Teaching Methods 1	6ср	013963	Cultural Diversity at Work	6cp
013040	Computing Studies Teaching Methods 1	6cp	013966	e-Learning Experiences	6cp
013041	English Teaching Methods 1	6ср	013967	e-Learning Design	6cp
013042	Commerce, Business Studies and	- T	013970	Using Information Technology for Learning	6cp
010012	Economics Teaching Methods 3	6ср	013971	Teaching and Learning Numeracy	6cp
013044	Geography Teaching Methods 1	6ср	013972	Organisational Learning	6cp
013045	History Teaching Methods 1	6ср	013973	Adult Education Policy in Context	6cp
013046	Language Teaching Methods 1	6cp	013974	The Psychology of Adult Learning	6ср
013047	Mathematics Teaching Methods 1	. *	013975	Designing and Developing Simulations	оср
013047		6ср	013973	and Games	6an
013040	Personal Development, Health and	6an	013976		6cp
012040	Physical Education Teaching Methods 1	6cp		Strategic Human Resource Development	6cp
013049	Science Teaching Methods 1	6cp	013977	Teaching and Learning in Practice	6cp
013050	Visual Arts Teaching Methods 1	6ср			Total 144cp
013051	Commerce, Business Studies and	(CBKOOLO	2 Vecational and Warkplace Learning	
010050	Economics Teaching Methods 2	6ср		2 Vocational and Workplace Learning	
013052	Computing Studies Teaching Methods 2	6ср		redit points from the following options:	24cp
013053	English Teaching Methods 2	6ср	013115	Professional Practice and Changing Work	6ср
013054	Commerce, Business Studies and		013956	Professional Practice 1	6ср
	Economics Teaching Methods 4	6ср	013957	Professional Practice 2	6ср
013056	Geography Teaching Methods 2	6ср	013955	Assessing Learning	6ср
013057	History Teaching Methods 2	6ср	013953	Adult Learning in Context	
013058	Language Teaching Methods 2	6cp 6cp	013953 013954	Adult Learning in Context Program Design	6ср
		, *		Program Design	6ср 6ср
013058	Language Teaching Methods 2 Mathematics Teaching Methods 2 Personal Development, Health and	6ср	013954		6ср
013058 013059	Language Teaching Methods 2 Mathematics Teaching Methods 2	6ср	013954 013082	Program Design Aboriginal Social and Political History Educational Management	6cp 6cp 6cp
013058 013059	Language Teaching Methods 2 Mathematics Teaching Methods 2 Personal Development, Health and Physical Education Teaching Methods 2 Science Teaching Methods 2	6cp 6cp	013954 013082 013088	Program Design Aboriginal Social and Political History	6cp 6cp 6cp
013058 013059 013060	Language Teaching Methods 2 Mathematics Teaching Methods 2 Personal Development, Health and Physical Education Teaching Methods 2	6cp 6cp	013954 013082 013088	Program Design Aboriginal Social and Political History Educational Management Human Resource Development in Organisations	6cp 6cp 6cp 6cp
013058 013059 013060 013061	Language Teaching Methods 2 Mathematics Teaching Methods 2 Personal Development, Health and Physical Education Teaching Methods 2 Science Teaching Methods 2	6cp 6cp 6cp 6cp 6cp	013954 013082 013088 013097 013099	Program Design Aboriginal Social and Political History Educational Management Human Resource Development in Organisations Individualised Project 1	6cp 6cp 6cp 6cp 6cp
013058 013059 013060 013061 013062	Language Teaching Methods 2 Mathematics Teaching Methods 2 Personal Development, Health and Physical Education Teaching Methods 2 Science Teaching Methods 2 Visual Arts Teaching Methods 2	6cp 6cp 6cp	013954 013082 013088 013097	Program Design Aboriginal Social and Political History Educational Management Human Resource Development in Organisations Individualised Project 1 Introduction to Language	6cp 6cp 6cp 6cp
013058 013059 013060 013061 013062 013063	Language Teaching Methods 2 Mathematics Teaching Methods 2 Personal Development, Health and Physical Education Teaching Methods 2 Science Teaching Methods 2 Visual Arts Teaching Methods 2 English Teaching Methods 3 Language Teaching Methods 3	6cp 6cp 6cp 6cp 6cp 6cp	013954 013082 013088 013097 013099 013102	Program Design Aboriginal Social and Political History Educational Management Human Resource Development in Organisations Individualised Project 1 Introduction to Language Programming and Assessment in Language	6cp 6cp 6cp 6cp 6cp 6cp
013058 013059 013060 013061 013062 013063 013064	Language Teaching Methods 2 Mathematics Teaching Methods 2 Personal Development, Health and Physical Education Teaching Methods 2 Science Teaching Methods 2 Visual Arts Teaching Methods 2 English Teaching Methods 3 Language Teaching Methods 3 Mathematics Teaching Methods 3	6cp 6cp 6cp 6cp 6cp 6cp 6cp	013954 013082 013088 013097 013099 013102 013110	Program Design Aboriginal Social and Political History Educational Management Human Resource Development in Organisations Individualised Project 1 Introduction to Language Programming and Assessment in Language Literacy and Numeracy	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013058 013059 013060 013061 013062 013063 013064 013065	Language Teaching Methods 2 Mathematics Teaching Methods 2 Personal Development, Health and Physical Education Teaching Methods 2 Science Teaching Methods 2 Visual Arts Teaching Methods 2 English Teaching Methods 3 Language Teaching Methods 3 Mathematics Teaching Methods 3 Personal Development, Health and	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	013954 013082 013088 013097 013099 013102 013110 013118	Program Design Aboriginal Social and Political History Educational Management Human Resource Development in Organisations Individualised Project 1 Introduction to Language Programming and Assessment in Language Literacy and Numeracy Teaching and Learning Literacy	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013058 013059 013060 013061 013062 013063 013064 013065 013066	Language Teaching Methods 2 Mathematics Teaching Methods 2 Personal Development, Health and Physical Education Teaching Methods 2 Science Teaching Methods 2 Visual Arts Teaching Methods 2 English Teaching Methods 3 Language Teaching Methods 3 Mathematics Teaching Methods 3 Personal Development, Health and Physical Education Teaching Methods 3	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	013954 013082 013088 013097 013099 013102 013110 013118 013124	Program Design Aboriginal Social and Political History Educational Management Human Resource Development in Organisations Individualised Project 1 Introduction to Language Programming and Assessment in Language Literacy and Numeracy Teaching and Learning Literacy Work and People	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
013058 013059 013060 013061 013062 013063 013064 013065 013066	Language Teaching Methods 2 Mathematics Teaching Methods 2 Personal Development, Health and Physical Education Teaching Methods 2 Science Teaching Methods 2 Visual Arts Teaching Methods 2 English Teaching Methods 3 Language Teaching Methods 3 Mathematics Teaching Methods 3 Personal Development, Health and Physical Education Teaching Methods 3 Science Teaching Methods 3	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	013954 013082 013088 013097 013099 013102 013110 013118	Program Design Aboriginal Social and Political History Educational Management Human Resource Development in Organisations Individualised Project 1 Introduction to Language Programming and Assessment in Language Literacy and Numeracy Teaching and Learning Literacy Work and People The Language Literacy and Numeracy	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
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CBK906	03 PM Foundation			35356	Design and Analysis of Experiments	6ср
Select 24	credit points from the following options:		24cp	35383	High Performance Computing	6ср
15315	Project Management Principles	6ср	_	35342	Nonlinear Methods in Quantitative	
15313	Project Procurement and Risk Management	6ср		25244	Management	6ср
15316	Project Time, Cost and Quality Management			35344	Network and Combinatorial	600
15312	Communication and Critical Thinking	6ср		25201	Optimisation	6cp
		Total	l 24cp	35391 35393	Seminar (Mathematics) Seminar (Statistics)	6cp
CDIVOO	O/ DM shairs 2			68416	Computational Physics	6ср 6ср
	004 PM choice 2			68606	Solid-state Science and Nanodevices	6cp
	credit points from the following options:		24cp	68415	Measurement and Analysis of Physical	оср
15315	Project Management Principles	6cp		00110	Processes	6ср
15313	Project Procurement and Risk Management	6cp		35252	Mathematical Statistics	6ср
15316 15312	Project Time, Cost and Quality Management					Total 36cp
15312	Communication and Critical Thinking	6cp				1
15356	Industry Project Studies A Reflective Project Practice	12ср 6ср		CBK9060	19 Civil and Structural Engineering	
15331	Managing Complex Projects	6ср		Select 24 c	redit points from the following options:	24cp
15314	Project Implementation	6ср		49002	Managing Projects	6ср
15325	Value Management, Negotiation and	ocp		49102	Traffic and Transportation	6ср
10020	Conflict Management	6ср		49105	Water Supply and Wastewater	•
15326	Project Management Practicum	6cp			Management	6ср
15327	Managing Project Complexity	6cp		49106	Road Engineering Practice	6ср
	0 0) 1)		l 24cp	49107	Urban Stormwater Design	6ср
			•	49109	Engineered Natural Water Treatment	
CBK906	05 PM choice 3				Systems	6ср
Select 24	credit points from the following options:		24cp	49115	Facade Engineering	6cp
15330	Program Management	6ср	1	49121	Environmental Assessment and Planning	6ср
15338	Realising Project Benefits	6ср		49126	Environmental Management of Land	6ср
15339	Project Performance Evaluation	6ср		49131	Bridge Design	6ср
15336	Systems Thinking for Managers	6ср		49136	Application of Timber in Engineering Structures	600
15346	Governance and Leadership of Project			49150	Prestressed Concrete Design	6cp
	Management	6ср		49144	Civil Engineering Review 2	6cp
15347	The Project Organisation:			49151	Concrete Technology and Practice	6ср 6ср
	A new Organisational Model	6cp		49131	Concrete Technology and Tractice	Total 24cp
15462	Introduction to Research	6cp				10tai 24cp
15463	The Research Process	6ср	104	CBK9061	0 Elective	
		Total	l 24cp		e of electives.	
CDKOU	04 Loval 2 subject shaica (Physical Scient	cocl		Tree enoie	c of electives.	
	006 Level 2 subject choice (Physical Scien	resi	26	CBK9061	2 Electives	
	credit points from the following options:		36cp		e of electives.	
91161	Cell Biology and Genetics	6cp		Tree enoie	e of electives.	
91107						
	The Biosphere	6cp		CBK9061	3 Major choice	
91123	Biocomplexity	6ср			3 Major choice	42cp
91123 91400	Biocomplexity Human Anatomy and Physiology	6ср 6ср		Select 42 c	redit points from the following options:	42cp
91123 91400 33360	Biocomplexity Human Anatomy and Physiology Mathematics for Physical Science	6cp 6cp 6cp		Select 42 c MAJ08958	redit points from the following options: 3 Tourism Management	42cp
91123 91400 33360 65307	Biocomplexity Human Anatomy and Physiology Mathematics for Physical Science Physical Chemistry 1	6cp 6cp 6cp 6cp		Select 42 c MAJ08958 MAJ08959	redit points from the following options: 3 Tourism Management 9 Arts Management	42cp 42cp
91123 91400 33360 65307 68075	Biocomplexity Human Anatomy and Physiology Mathematics for Physical Science Physical Chemistry 1 Nanomaterials	6cp 6cp 6cp 6cp		Select 42 c MAJ08958 MAJ08959 MAJ08960	redit points from the following options: 3 Tourism Management 9 Arts Management 9 Sport Management	42cp 42cp 42cp
91123 91400 33360 65307 68075 91140	Biocomplexity Human Anatomy and Physiology Mathematics for Physical Science Physical Chemistry 1 Nanomaterials BioNanotechnology	6cp 6cp 6cp 6cp 6cp		Select 42 c MAJ08958 MAJ08959 MAJ08960	redit points from the following options: 3 Tourism Management 9 Arts Management	42cp 42cp 42cp 42cp
91123 91400 33360 65307 68075 91140 68413	Biocomplexity Human Anatomy and Physiology Mathematics for Physical Science Physical Chemistry 1 Nanomaterials BioNanotechnology Quantum Physics	6cp 6cp 6cp 6cp 6cp 6cp		Select 42 c MAJ08958 MAJ08959 MAJ08960	redit points from the following options: 3 Tourism Management 9 Arts Management 9 Sport Management	42cp 42cp 42cp
91123 91400 33360 65307 68075 91140 68413 68315	Biocomplexity Human Anatomy and Physiology Mathematics for Physical Science Physical Chemistry 1 Nanomaterials BioNanotechnology Quantum Physics Imaging Science	6cp 6cp 6cp 6cp 6cp 6cp 6cp		Select 42 c MAJ08958 MAJ08959 MAJ08960 MAJ08961	redit points from the following options: 3 Tourism Management 9 Arts Management 9 Sport Management	42cp 42cp 42cp 42cp
91123 91400 33360 65307 68075 91140 68413	Biocomplexity Human Anatomy and Physiology Mathematics for Physical Science Physical Chemistry 1 Nanomaterials BioNanotechnology Quantum Physics Imaging Science Introduction to Quantitative Management	6cp 6cp 6cp 6cp 6cp 6cp 6cp		Select 42 c MAJ08958 MAJ08959 MAJ08960 MAJ08961	redit points from the following options: 3 Tourism Management 9 Arts Management 9 Sport Management 1 Event Management 4 Stream choice	42cp 42cp 42cp 42cp
91123 91400 33360 65307 68075 91140 68413 68315 35140	Biocomplexity Human Anatomy and Physiology Mathematics for Physical Science Physical Chemistry 1 Nanomaterials BioNanotechnology Quantum Physics Imaging Science	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		Select 42 c MAJ08958 MAJ08959 MAJ08960 MAJ08961	redit points from the following options: 3 Tourism Management 4 Arts Management 5 Sport Management 6 Event Management 7 Event Management	42cp 42cp 42cp 42cp
91123 91400 33360 65307 68075 91140 68413 68315 35140 35101	Biocomplexity Human Anatomy and Physiology Mathematics for Physical Science Physical Chemistry 1 Nanomaterials BioNanotechnology Quantum Physics Imaging Science Introduction to Quantitative Management Introduction to Linear Dynamical Systems Introduction to Statistics	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		Select 42 c MAJ08958 MAJ08959 MAJ08960 MAJ08961 CBK9061	redit points from the following options: 3 Tourism Management 4 Arts Management 5 Sport Management 6 Event Management 7 Event Management 8 Stream choice 8 of electives.	42cp 42cp 42cp 42cp
91123 91400 33360 65307 68075 91140 68413 68315 35140 35101 35151	Biocomplexity Human Anatomy and Physiology Mathematics for Physical Science Physical Chemistry 1 Nanomaterials BioNanotechnology Quantum Physics Imaging Science Introduction to Quantitative Management Introduction to Linear Dynamical Systems Introduction to Statistics Introduction to Sample Surveys Introduction to Analysis and	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		Select 42 c MAJ08958 MAJ08959 MAJ08960 MAJ08961 CBK9061	redit points from the following options: 3 Tourism Management 9 Arts Management 9 Sport Management 1 Event Management 4 Stream choice	42cp 42cp 42cp 42cp 42cp Total 42cp
91123 91400 33360 65307 68075 91140 68413 68315 35140 35101 35151 35100 35102	Biocomplexity Human Anatomy and Physiology Mathematics for Physical Science Physical Chemistry 1 Nanomaterials BioNanotechnology Quantum Physics Imaging Science Introduction to Quantitative Management Introduction to Linear Dynamical Systems Introduction to Statistics Introduction to Sample Surveys Introduction to Analysis and Multivariable Calculus	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		Select 42 c MAJ08958 MAJ08969 MAJ08960 MAJ08961 CBK9061 Free choice	redit points from the following options: 3 Tourism Management 4 Arts Management 5 Sport Management 6 Event Management 7 Event Management 8 Stream choice 9 of electives. 8 Sub-major/Electives (Engineering) 8 redit points from the following options:	42cp 42cp 42cp 42cp
91123 91400 33360 65307 68075 91140 68413 68315 35140 35101 35151 35100 35102	Biocomplexity Human Anatomy and Physiology Mathematics for Physical Science Physical Chemistry 1 Nanomaterials BioNanotechnology Quantum Physics Imaging Science Introduction to Quantitative Management Introduction to Linear Dynamical Systems Introduction to Statistics Introduction to Sample Surveys Introduction to Analysis and Multivariable Calculus Applications of Discrete Mathematics	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		Select 42 c MAJ08958 MAJ08959 MAJ08960 MAJ08961 CBK9061 Free choice CBK9061 Select 24 c SMJ03047	redit points from the following options: 3 Tourism Management 4 Arts Management 5 Sport Management 6 Event Management 7 Event Management 8 Stream choice 8 of electives. 5 Sub-major/Electives (Engineering)	42cp 42cp 42cp 42cp Total 42cp 24cp
91123 91400 33360 65307 68075 91140 68413 68315 35140 35101 35151 35102 35111 68412	Biocomplexity Human Anatomy and Physiology Mathematics for Physical Science Physical Chemistry 1 Nanomaterials BioNanotechnology Quantum Physics Imaging Science Introduction to Quantitative Management Introduction to Linear Dynamical Systems Introduction to Statistics Introduction to Sample Surveys Introduction to Analysis and Multivariable Calculus Applications of Discrete Mathematics Energy Science and Technology	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		Select 42 c MAJ08958 MAJ08960 MAJ08961 CBK9061 Free choic CBK9061 Select 24 c SMJ03047 SMJ03049	redit points from the following options: 3 Tourism Management 4 Arts Management 5 Sport Management 6 Event Management 7 Event Management 7 Event Management 8 Stream choice 8 of electives. 8 Sub-major/Electives (Engineering) 8 tredit points from the following options: 8 Biomedical Engineering	42cp 42cp 42cp 42cp Total 42cp
91123 91400 33360 65307 68075 91140 68413 68315 35140 35101 35151 35102 35111 68412 65202	Biocomplexity Human Anatomy and Physiology Mathematics for Physical Science Physical Chemistry 1 Nanomaterials BioNanotechnology Quantum Physics Imaging Science Introduction to Quantitative Management Introduction to Linear Dynamical Systems Introduction to Statistics Introduction to Sample Surveys Introduction to Analysis and Multivariable Calculus Applications of Discrete Mathematics Energy Science and Technology Organic Chemistry 1	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		Select 42 c MAJ08958 MAJ08959 MAJ08960 MAJ08961 CBK9061 Free choice CBK9061 Select 24 c SMJ03047 SMJ03049 SMJ03050	redit points from the following options: 3 Tourism Management 4 Arts Management 5 Sport Management 6 Event Management 7 Event Management 7 Event Management 8 Stream choice 8 of electives. 8 Sub-major/Electives (Engineering) 8 redit points from the following options: 8 Biomedical Engineering 8 Mechanical Engineering	42cp 42cp 42cp 42cp Total 42cp Total 42cp 24cp 24cp 24cp 24cp 24cp 24cp
91123 91400 33360 65307 68075 91140 68413 68315 35140 35101 35151 35100 35102 35111 68412 65202 65410	Biocomplexity Human Anatomy and Physiology Mathematics for Physical Science Physical Chemistry 1 Nanomaterials BioNanotechnology Quantum Physics Imaging Science Introduction to Quantitative Management Introduction to Linear Dynamical Systems Introduction to Statistics Introduction to Sample Surveys Introduction to Analysis and Multivariable Calculus Applications of Discrete Mathematics Energy Science and Technology Organic Chemistry 1 Chemical Safety and Legislation	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		Select 42 c MAJ08958 MAJ08959 MAJ08960 MAJ08961 CBK9061 Free choice CBK9061 Select 24 c SMJ03047 SMJ03049 SMJ03050 SMJ03051	redit points from the following options: 3 Tourism Management 4 Arts Management 5 Sport Management 6 Event Management 7 Event Management 7 Event Management 7 Stream choice 8 of electives. 8 Sub-major/Electives (Engineering) 8 Tredit points from the following options: 8 Biomedical Engineering 8 Mechanical Engineering 9 Mechatronics	42cp 42cp 42cp 42cp Total 42cp Total 42cp 24cp 24cp 24cp 24cp 24cp
91123 91400 33360 65307 68075 91140 68413 68315 35140 35101 35151 35100 35102 35111 68412 65202 65410 65508	Biocomplexity Human Anatomy and Physiology Mathematics for Physical Science Physical Chemistry 1 Nanomaterials BioNanotechnology Quantum Physics Imaging Science Introduction to Quantitative Management Introduction to Linear Dynamical Systems Introduction to Statistics Introduction to Sample Surveys Introduction to Analysis and Multivariable Calculus Applications of Discrete Mathematics Energy Science and Technology Organic Chemistry 1 Chemical Safety and Legislation Organic Chemistry 2	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		Select 42 c MAJ08958 MAJ08959 MAJ08960 MAJ08961 CBK9061 Free choice CBK9061 Select 24 c SMJ03047 SMJ03049 SMJ03050 SMJ03051	redit points from the following options: 3 Tourism Management 9 Arts Management 9 Sport Management 1 Event Management 4 Stream choice 1 e of electives. 5 Sub-major/Electives (Engineering) 1 redit points from the following options: 8 Biomedical Engineering 9 Mechanical Engineering 9 Mechatronics 9 Network Engineering 9 Software Engineering	42cp 42cp 42cp 42cp Total 42cp Total 42cp 24cp 24cp 24cp 24cp 24cp 24cp
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91123 91400 33360 65307 68075 91140 68413 68315 35140 35101 35151 35100 35102 35111 68412 65202 65410 65508 65411	Biocomplexity Human Anatomy and Physiology Mathematics for Physical Science Physical Chemistry 1 Nanomaterials BioNanotechnology Quantum Physics Imaging Science Introduction to Quantitative Management Introduction to Linear Dynamical Systems Introduction to Statistics Introduction to Sample Surveys Introduction to Analysis and Multivariable Calculus Applications of Discrete Mathematics Energy Science and Technology Organic Chemistry 1 Chemical Safety and Legislation Organic Chemistry 2 Inorganic Chemistry 1	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	1 36ср	Select 42 c MAJ08958 MAJ08960 MAJ08961 CBK9061 Free choice CBK9061 Select 24 c SMJ03047 SMJ03050 SMJ03051 SMJ03050 CBK90616	redit points from the following options: 3 Tourism Management 4 Arts Management 5 Sport Management 6 Event Management 7 Event Management 7 Sub-major/Electives (Engineering) 7 Tredit points from the following options: 8 Biomedical Engineering 9 Mechanical Engineering 9 Mechatronics 9 Network Engineering 9 Software Engineering 9 Electives 6 Electives	42cp 42cp 42cp 42cp 42cp Total 42cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp
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91123 91400 33360 65307 68075 91140 68413 68315 35140 35101 35151 35100 35102 35111 68412 65202 65410 65508 65411 65306 CBK906 68316 67509 68606 67510	Biocomplexity Human Anatomy and Physiology Mathematics for Physical Science Physical Chemistry 1 Nanomaterials BioNanotechnology Quantum Physics Imaging Science Introduction to Quantitative Management Introduction to Linear Dynamical Systems Introduction to Statistics Introduction to Sample Surveys Introduction to Analysis and Multivariable Calculus Applications of Discrete Mathematics Energy Science and Technology Organic Chemistry 1 Chemical Safety and Legislation Organic Chemistry 2 Inorganic Chemistry 1 Analytical Chemistry 1 Analytical Chemistry 1 More Level 3 subject choice [Physical Science Credit points from the following options: Applied Electronics and Interfacing Molecular Nanotechnology Solid-state Science and Nanodevices Surface Processes	6cp	1	Select 42 c MAJ08958 MAJ08960 MAJ08961 CBK9061 Free choice CBK9061 Select 24 c SMJ03047 SMJ03050 SMJ03051 SMJ03052 CBK90616 CBK9061 Free choice CBK9061 Free choice CBK9061 Free choice	redit points from the following options: 3 Tourism Management 4 Arts Management 5 Sport Management 6 Event Management 7 Stream choice 8 of electives. 8 Sub-major/Electives (Engineering) 8 Tredit points from the following options: 8 Biomedical Engineering 8 Mechanical Engineering 9 Mechatronics 9 Network Engineering 9 Software Engineering 9 Electives 9 Electives 10 Electives 11 Electives 12 Electives 13 Thread choice 14 Tredit points from the following options:	42cp 42cp 42cp 42cp 42cp Total 42cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp
91123 91400 33360 65307 68075 91140 68413 68315 35140 35101 35151 35100 35102 35111 68412 65202 65410 65508 65411 65306 CBK908 68316 67509 68606 67510 68513	Biocomplexity Human Anatomy and Physiology Mathematics for Physical Science Physical Chemistry 1 Nanomaterials BioNanotechnology Quantum Physics Imaging Science Introduction to Quantitative Management Introduction to Linear Dynamical Systems Introduction to Statistics Introduction to Sample Surveys Introduction to Sample Surveys Introduction to Analysis and Multivariable Calculus Applications of Discrete Mathematics Energy Science and Technology Organic Chemistry 1 Chemical Safety and Legislation Organic Chemistry 2 Inorganic Chemistry 1 Analytical Chemistry 1 Analytical Chemistry 1 607 Level 3 subject choice (Physical Science) redit points from the following options: Applied Electronics and Interfacing Molecular Nanotechnology Solid-state Science and Nanodevices Surface Processes Optics and Nanophotonics	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	1	Select 42 c MAJ08958 MAJ08959 MAJ08960 MAJ08961 Free choice CBK9061 Select 24 c SMJ03047 SMJ03050 SMJ03051 CBK90616 CBK9061 Free choice CBK9061 Free choice CBK9061 Select 54 c STM90699	redit points from the following options: 3 Tourism Management 4 Arts Management 5 Sport Management 6 Event Management 7 Sport Management 7 Sport Management 8 Sub-major/Electives (Engineering) 8 Tedit points from the following options: 8 Biomedical Engineering 9 Mechatronics 9 Network Engineering 9 Software Engineering 9 Electives 9 Electives 16 Electives 17 Electives 18 Thread choice 19 Control thread	42cp 42cp 42cp 42cp 42cp Total 42cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp
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91123 91400 33360 65307 68075 91140 68413 68315 35140 35101 35151 35102 35111 68412 65202 65410 65508 65411 65306 CBK906 Select 36 68316 67509 68606 67510 68513 68320 65409	Biocomplexity Human Anatomy and Physiology Mathematics for Physical Science Physical Chemistry 1 Nanomaterials BioNanotechnology Quantum Physics Imaging Science Introduction to Quantitative Management Introduction to Linear Dynamical Systems Introduction to Statistics Introduction to Sample Surveys Introduction to Analysis and Multivariable Calculus Applications of Discrete Mathematics Energy Science and Technology Organic Chemistry 1 Chemical Safety and Legislation Organic Chemistry 2 Inorganic Chemistry 1 Analytical Chemistry 1 Analytical Chemistry 1 Soft Level 3 subject choice [Physical Science credit points from the following options: Applied Electronics and Interfacing Molecular Nanotechnology Solid-state Science and Nanodevices Surface Processes Optics and Nanophotonics Scanning Probe and Electron Microscopy Analytical Chemistry 2	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	1	Select 42 c MAJ08958 MAJ08969 MAJ08960 MAJ08961 Free choice CBK9061 Select 24 c SMJ03047 SMJ03050 SMJ03051 SMJ03056 CBK90616 CBK9061 Free choice CBK9061 Free choice CBK9061 Select 54 c STM90699 STM90700 STM90701	redit points from the following options: 3 Tourism Management 4 Arts Management 5 Sport Management 6 Event Management 7 Event Management 7 Event Management 7 Event Management 8 Sub-major/Electives (Engineering) 8 Tredit points from the following options: 8 Biomedical Engineering 9 Mechanical Engineering 9 Mechatronics 9 Network Engineering 9 Software Engineering 9 Electives 9 Electives 9 Telectives 9 Tredit points from the following options: 9 Control thread 9 Electronics thread 9 Embedded Systems thread	42cp 42cp 42cp 42cp 42cp Total 42cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp
91123 91400 33360 65307 68075 91140 68413 68315 35140 35101 35151 35102 35111 68412 65202 65410 65508 65411 65306 CBK908 Select 36 68316 67509 68606 67510 68513 68320 65409 65509	Biocomplexity Human Anatomy and Physiology Mathematics for Physical Science Physical Chemistry 1 Nanomaterials BioNanotechnology Quantum Physics Imaging Science Introduction to Quantitative Management Introduction to Linear Dynamical Systems Introduction to Sample Surveys Introduction to Sample Surveys Introduction to Analysis and Multivariable Calculus Applications of Discrete Mathematics Energy Science and Technology Organic Chemistry 1 Chemical Safety and Legislation Organic Chemistry 2 Inorganic Chemistry 1 Analytical Chemistry 1 Analytical Chemistry 1 507 Level 3 subject choice (Physical Science credit points from the following options: Applied Electronics and Interfacing Molecular Nanotechnology Solid-state Science and Nanodevices Surface Processes Optics and Nanophotonics Scanning Probe and Electron Microscopy Analytical Chemistry 2 Inorganic Chemistry 2	6cp	1	Select 42 c MAJ08958 MAJ08969 MAJ08960 MAJ08961 Free choice CBK9061 Select 24 c SMJ03047 SMJ03050 SMJ03051 SMJ03056 CBK90616 CBK9061 Free choice CBK9061 Free choice CBK9061 Select 54 c STM90699 STM90700 STM90701 STM90701	redit points from the following options: 3 Tourism Management 4 Arts Management 5 Sport Management 6 Event Management 7 Event Management 7 Event Management 8 Sub-major/Electives (Engineering) 8 Tredit points from the following options: 8 Biomedical Engineering 8 Mechanical Engineering 9 Mechatronics 9 Network Engineering 9 Software Engineering 9 Electives 9 Electives 9 Telectives 9 Thread choice 9 redit points from the following options: 9 Control thread 9 Electronics thread 9 Electronics thread 9 Energy thread	42cp 42cp 42cp 42cp 42cp 42cp Total 42cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp
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91123 91400 33360 65307 68075 91140 68413 68315 35140 35101 35151 35102 35111 68412 65202 65410 65508 65411 65306 CBK906 68316 67509 68606 67510 68513 68320 65409 65509 67305 65606	Biocomplexity Human Anatomy and Physiology Mathematics for Physical Science Physical Chemistry 1 Nanomaterials BioNanotechnology Quantum Physics Imaging Science Introduction to Quantitative Management Introduction to Linear Dynamical Systems Introduction to Statistics Introduction to Sample Surveys Introduction to Analysis and Multivariable Calculus Applications of Discrete Mathematics Energy Science and Technology Organic Chemistry 1 Chemical Safety and Legislation Organic Chemistry 2 Inorganic Chemistry 1 Analytical Chemistry 1 Analytical Chemistry 1 607 Level 3 subject choice {Physical Science credit points from the following options: Applied Electronics and Interfacing Molecular Nanotechnology Solid-state Science and Nanodevices Surface Processes Optics and Nanophotonics Scanning Probe and Electron Microscopy Analytical Chemistry 2 Inorganic Chemistry 2 Inorganic Chemistry 2 Polymer Science	6cp	1	Select 42 c MAJ08958 MAJ08969 MAJ08960 MAJ08961 Free choice CBK9061 Select 24 c SMJ03047 SMJ03050 SMJ03051 SMJ03056 CBK90616 CBK9061 Free choice CBK9061 Free choice CBK9061 Select 54 c STM90699 STM90700 STM90701 STM90701	redit points from the following options: 3 Tourism Management 4 Arts Management 5 Sport Management 6 Event Management 7 Event Management 7 Event Management 8 Sub-major/Electives (Engineering) 8 Tredit points from the following options: 8 Biomedical Engineering 8 Mechanical Engineering 9 Mechatronics 9 Network Engineering 9 Software Engineering 9 Electives 9 Electives 9 Telectives 9 Thread choice 9 redit points from the following options: 9 Control thread 9 Electronics thread 9 Electronics thread 9 Energy thread	42cp 42cp 42cp 42cp 42cp 42cp Total 42cp 24cp 24cp 24cp 24cp 24cp 24cp 15dcp 18cp 18cp 18cp 18cp 18cp

LBKYU6	19 Elective thread			CBK9062	6 Architectural Practice		
	credit points from the following options:		18cp		redit points from the following options:		12cp
48560	Introductory Control	6ср	r	11501	Architectural Practice: Advocacy	6ср	r
48580	Advanced Control	6cp		11502	Architectural Practice: Finance and Project	1	
49274	Advanced Robotics	6cp			Management	6ср	
48570	Data Acquisition and Distribution	6ср		11503	Architectural Practice: The Profession	6ср	
48581	Digital Electronics	6cp		11504	Architectural Practice: The City	6cp	1.6
48551	Analog Electronics	6cp				Tot	al 6cp
48451 48434	Advanced Digital Systems Embedded Software	6cp		CBK6UY3	7 Architectural Design		
48450	Real-time Operating Systems	6ср 6ср			e of electives.		
48571	Electrical Machines	6ср		riee choic	e of electives.		
48561	Power Electronics and Drives	6cp		CBK9062	8 Electives		
48550	Renewable Energy Systems	6ср			edit points from the following options:		6ср
48572	Power Circuit Theory	6cp		11312	Modern Western Aesthetics	6ср	оср
48582	Power Systems Analysis and Design	6ср		11361	Special Project (Theory)	6cp	
48583	Power Systems Operation and Protection	6cp	110	11308	Reading and Writing Architectural	1	
		Iotal	18cp		Criticism	6ср	
CBK904	20 Thread choice					Tot	al 6cp
	credit points from the following options:		36cn	CBK00/3	O Sub major/Floatives		
	9 Control thread	18cp	36ср		9 Sub-major/Electives		0.4
	00 Electronics thread	18cp			redit points from the following options:	24	24cp
	1 Embedded Systems thread	18cp		CBK90011		24cp	
	2 Energy thread	18cp			Intelligent Systems Sustainable Energy Systems	24cp 24cp	
STM9070	3 Power Systems thread	18cp			Manufacturing Automation	24cp	
		Total	36ср	21/1/02/000	Transcrating rationalion		124cp
001/00/	04.6 ' /5 ''						-1
	21 Sub-major/Electives		2.4	CBK9063	0 Electives		
Select 24	credit points from the following options:	24	24cp	Free choic	e of electives.		
	3 Advanced Mechanical Analysis	24cp 24cp					
	4 Sustainable Energy Systems Analysis 5 Automation	24cp			1 Architectural Practice		
	6 Advanced Manufacturing Systems	24cp			redit points from the following options:	_	12cp
SMJ0305	7 Automotive Systems	24cp		11501	Architectural Practice: Advocacy	6ср	
	1 Electives	24cp		11502	Architectural Practice: Finance and Project Management	6 cm	
		Total	24cp	11503	Architectural Practice: The Profession	6ср 6ср	
CDI/OO/	22 Been auto aution (DC)			11504	Architectural Practice: The City	6ср	
	22 Property options (PG)						1 12cp
	credit points from the following options:		24cp				1
12515 15241	Strategic Asset Management Urban Economics and Finance	6cp		CBK9063	2 Options		
171200	Conservation and Heritage	6ср 6ср			redit points from the following options:		18cp
17551	Property Market and Risk Analysis	6ср		013098	Independent Study Project 1	6ср	
17703				013137	Educational Leadership		
	Property Taxation	6ср		012107	Dla amala ana amal Duamana ai ati am	6cp	
17772	Commercial Retail Property Management	6ср 6ср		013107	Phonology and Pronunciation	6ср	
17772 15321	Commercial Retail Property Management Workplace Ecology	6ср 6ср		013087	Discourse Analysis	6cp 6cp	
17772 15321 15322	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems	6ср 6ср 6ср		013087 013095	Discourse Analysis Global Englishes	6cp 6cp 6cp	
17772 15321 15322 15313	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management	6cp 6cp 6cp 6cp		013087	Discourse Analysis	6cp 6cp 6cp 6cp	
17772 15321 15322 15313 15324	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence	6cp 6cp 6cp 6cp 6cp		013087 013095 013132	Discourse Analysis Global Englishes Technology Enhanced Language Learning	6cp 6cp 6cp	
17772 15321 15322 15313 15324 15312	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking	6cp 6cp 6cp 6cp 6cp		013087 013095 013132 013141 013104 013159	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2	6cp 6cp 6cp 6cp 6cp 6cp	
17772 15321 15322 15313 15324 15312 15222	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking Urban Design	6cp 6cp 6cp 6cp 6cp 6cp		013087 013095 013132 013141 013104 013159 013951	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2 Learning and Change	6cp 6cp 6cp 6cp 6cp 6cp 6cp	
17772 15321 15322 15313 15324 15312	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking Urban Design Development Negotiation	6cp 6cp 6cp 6cp 6cp		013087 013095 013132 013141 013104 013159 013951 013112	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2 Learning and Change Research Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	
17772 15321 15322 15313 15324 15312 15222 15145	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking Urban Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp		013087 013095 013132 013141 013104 013159 013951	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2 Learning and Change	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	118 <i>c</i> n
17772 15321 15322 15313 15324 15312 15222 15145 15301 15315 17774	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking Urban Design Development Negotiation Planning Theory and Decision Making	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		013087 013095 013132 013141 013104 013159 013951 013112	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2 Learning and Change Research Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	l 18cp
17772 15321 15322 15313 15324 15312 15222 15145 15301 15315 17774 17553	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking Urban Design Development Negotiation Planning Theory and Decision Making Project Management Principles Green Building Evaluation Construction Cost Planning	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		013087 013095 013132 013141 013104 013159 013951 013112 010039	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2 Learning and Change Research Design Teaching English for Academic Purposes	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	l 18cp
17772 15321 15322 15313 15324 15312 15222 15145 15301 15315 17774 17553 15316	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking Urban Design Development Negotiation Planning Theory and Decision Making Project Management Principles Green Building Evaluation Construction Cost Planning Project Time, Cost and Quality Managemen	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		013087 013095 013132 013141 013104 013159 013951 013012 010039	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2 Learning and Change Research Design Teaching English for Academic Purposes 3 Options	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	1
17772 15321 15322 15313 15324 15312 15222 15145 15301 15315 17774 17553 15316 17123	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking Urban Design Development Negotiation Planning Theory and Decision Making Project Management Principles Green Building Evaluation Construction Cost Planning Project Time, Cost and Quality Management Construction Contracts and Finance	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		013087 013095 013132 013141 013104 013159 013951 010039 CBK9063 Select 30 c	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2 Learning and Change Research Design Teaching English for Academic Purposes 3 Options redit points from the following options:	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 7cta	l 18cp 30cp
17772 15321 15322 15313 15324 15312 15222 15145 15301 15315 17774 17553 15316 17123 15251	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking Urban Design Development Negotiation Planning Theory and Decision Making Project Management Principles Green Building Evaluation Construction Cost Planning Project Time, Cost and Quality Managemen Construction Contracts and Finance Spatial Analysis in Planning and Property	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		013087 013095 013132 013141 013104 013159 013951 013012 010039	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2 Learning and Change Research Design Teaching English for Academic Purposes 3 Options	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	1
17772 15321 15322 15313 15324 15312 15222 15145 15301 15315 17774 17553 15316 17123	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking Urban Design Development Negotiation Planning Theory and Decision Making Project Management Principles Green Building Evaluation Construction Cost Planning Project Time, Cost and Quality Managemen Construction Contracts and Finance Spatial Analysis in Planning and Property Land Acquisition Statutory Valuation and	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		013087 013095 013132 013141 013104 013159 013951 013112 010039 CBK9063 Select 30 c 15602	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2 Learning and Change Research Design Teaching English for Academic Purposes 3 Options redit points from the following options: Social Planning and Development Integrated Strategic Planning Local Environmental Management	6cp 6cp 6cp 6cp 6cp 6cp 6cp Tota	1
17772 15321 15322 15313 15324 15312 15222 15145 15301 15315 17774 17553 15316 17123 15251	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking Urban Design Development Negotiation Planning Theory and Decision Making Project Management Principles Green Building Evaluation Construction Cost Planning Project Time, Cost and Quality Managemen Construction Contracts and Finance Spatial Analysis in Planning and Property Land Acquisition Statutory Valuation and Litigation	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		013087 013095 013132 013141 013104 013159 013951 013112 010039 CBK9063 Select 30 c 15602 15603	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2 Learning and Change Research Design Teaching English for Academic Purposes 3 Options redit points from the following options: Social Planning and Development Integrated Strategic Planning Local Environmental Management Local Government Leadership: Personal and	6cp 6cp 6cp 6cp 6cp 6cp 6cp Tota	1
17772 15321 15322 15313 15324 15312 15222 15145 15301 15315 17774 17553 15316 17123 15251 17775	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking Urban Design Development Negotiation Planning Theory and Decision Making Project Management Principles Green Building Evaluation Construction Cost Planning Project Time, Cost and Quality Managemen Construction Contracts and Finance Spatial Analysis in Planning and Property Land Acquisition Statutory Valuation and	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	1 24 cp	013087 013095 013132 013141 013104 013159 013951 013112 010039 CBK9063 Select 30 c 15602 15603 15609 15610	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2 Learning and Change Research Design Teaching English for Academic Purposes 3 Options redit points from the following options: Social Planning and Development Integrated Strategic Planning Local Environmental Management Local Government Leadership: Personal and Professional Skills	6cp 6cp 6cp 6cp 6cp 6cp 6cp Tota	1
17772 15321 15322 15313 15324 15312 15222 15145 15301 15315 17774 17553 15316 17123 15251 17775	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking Urban Design Development Negotiation Planning Theory and Decision Making Project Management Principles Green Building Evaluation Construction Cost Planning Project Time, Cost and Quality Managemen Construction Contracts and Finance Spatial Analysis in Planning and Property Land Acquisition Statutory Valuation and Litigation Valuation Application	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	24cp	013087 013095 013132 013141 013104 013159 013951 013112 010039 CBK9063 Select 30 c 15602 15602 15609 15610	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2 Learning and Change Research Design Teaching English for Academic Purposes 3 Options redit points from the following options: Social Planning and Development Integrated Strategic Planning Local Environmental Management Local Government Leadership: Personal and Professional Skills Vocational Competencies 1	6cp 6cp 6cp 6cp 6cp 6cp 6cp Tota	1
17772 15321 15322 15313 15324 15312 15222 15145 15301 15315 17774 17553 15316 17123 15251 17775 12535	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking Urban Design Development Negotiation Planning Theory and Decision Making Project Management Principles Green Building Evaluation Construction Cost Planning Project Time, Cost and Quality Managemen Construction Contracts and Finance Spatial Analysis in Planning and Property Land Acquisition Statutory Valuation and Litigation Valuation Application	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	24cp	013087 013095 013132 013141 013104 013159 013951 013112 010039 CBK9063 Select 30 c 15602 15603 15609 15610	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2 Learning and Change Research Design Teaching English for Academic Purposes 3 Options redit points from the following options: Social Planning and Development Integrated Strategic Planning Local Environmental Management Local Government Leadership: Personal and Professional Skills Vocational Competencies 1 Vocational Competencies 2	6cp 6cp 6cp 6cp 6cp 6cp 6cp Tota	1
17772 15321 15322 15313 15324 15312 15222 15145 15301 15315 17774 17553 15316 17123 15251 17775 12535	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking Urban Design Development Negotiation Planning Theory and Decision Making Project Management Principles Green Building Evaluation Construction Cost Planning Project Time, Cost and Quality Managemen Construction Contracts and Finance Spatial Analysis in Planning and Property Land Acquisition Statutory Valuation and Litigation Valuation Application	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	24cp	013087 013095 013132 013141 013104 013159 013951 013112 010039 CBK9063 Select 30 c 15602 15602 15609 15610	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2 Learning and Change Research Design Teaching English for Academic Purposes 3 Options redit points from the following options: Social Planning and Development Integrated Strategic Planning Local Environmental Management Local Government Leadership: Personal and Professional Skills Vocational Competencies 1 Vocational Competencies 2 New Perspectives in Local Government	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	1
17772 15321 15322 15313 15324 15312 15222 15145 15301 15315 17774 17553 15316 17123 15251 17775 12535 CBK906	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking Urban Design Development Negotiation Planning Theory and Decision Making Project Management Principles Green Building Evaluation Construction Cost Planning Project Time, Cost and Quality Managemen Construction Contracts and Finance Spatial Analysis in Planning and Property Land Acquisition Statutory Valuation and Litigation Valuation Application 23 Advanced Architecture ce of electives.	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	24cp	013087 013095 013132 013141 013104 013159 013951 013112 010039 CBK9063 Select 30 c 15602 15603 15609 15610	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2 Learning and Change Research Design Teaching English for Academic Purposes 3 Options redit points from the following options: Social Planning and Development Integrated Strategic Planning Local Environmental Management Local Government Leadership: Personal and Professional Skills Vocational Competencies 1 Vocational Competencies 2	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	30cp
17772 15321 15322 15313 15324 15312 15222 15145 15301 15315 17774 17553 15316 17123 15251 17775 12535 CBK906	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking Urban Design Development Negotiation Planning Theory and Decision Making Project Management Principles Green Building Evaluation Construction Cost Planning Project Time, Cost and Quality Managemen Construction Contracts and Finance Spatial Analysis in Planning and Property Land Acquisition Statutory Valuation and Litigation Valuation Application 23 Advanced Architecture ce of electives.	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		013087 013095 013132 013141 013104 013159 013951 013112 010039 CBK9063 Select 30 c 15602 15603 15609 15610	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2 Learning and Change Research Design Teaching English for Academic Purposes 3 Options redit points from the following options: Social Planning and Development Integrated Strategic Planning Local Environmental Management Local Government Leadership: Personal and Professional Skills Vocational Competencies 1 Vocational Competencies 2 New Perspectives in Local Government Leadership	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	1
17772 15321 15322 15313 15324 15312 15222 15145 15301 15315 17774 17553 15316 17123 15251 17775 12535 CBK906 Free choi	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking Urban Design Development Negotiation Planning Theory and Decision Making Project Management Principles Green Building Evaluation Construction Cost Planning Project Time, Cost and Quality Managemen Construction Contracts and Finance Spatial Analysis in Planning and Property Land Acquisition Statutory Valuation and Litigation Valuation Application 23 Advanced Architecture ce of electives. 24 Advanced Architecture Studio credit points from the following options:	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	24cp 42cp	013087 013095 013132 013141 013104 013159 013951 013112 010039 CBK9063 Select 30 c 15602 15603 15609 15610	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2 Learning and Change Research Design Teaching English for Academic Purposes 3 Options redit points from the following options: Social Planning and Development Integrated Strategic Planning Local Environmental Management Local Government Leadership: Personal and Professional Skills Vocational Competencies 1 Vocational Competencies 2 New Perspectives in Local Government	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	30cp
17772 15321 15322 15313 15324 15312 15222 15145 15301 15315 17774 17553 15316 17123 15251 17775 12535 CBK906 Free choi CBK906 Select 42 STM9051	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking Urban Design Development Negotiation Planning Theory and Decision Making Project Management Principles Green Building Evaluation Construction Cost Planning Project Time, Cost and Quality Managemen Construction Contracts and Finance Spatial Analysis in Planning and Property Land Acquisition Statutory Valuation and Litigation Valuation Application 23 Advanced Architecture ce of electives. 24 Advanced Architecture Studio credit points from the following options: 8 Urban Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		013087 013095 013132 013141 013104 013159 013951 013951 013112 010039 CBK9063 Select 30 c 15602 15603 15609 15610 15606 15607 15618	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2 Learning and Change Research Design Teaching English for Academic Purposes 3 Options redit points from the following options: Social Planning and Development Integrated Strategic Planning Local Environmental Management Local Government Leadership: Personal and Professional Skills Vocational Competencies 1 Vocational Competencies 2 New Perspectives in Local Government Leadership 4 Electives redit points from the following options:	6cp 6cp 6cp 6cp 6cp 6cp 6cp Tota 6cp 6cp 6cp 6cp 6cp 6cp 7ccp 6cp	30cp
17772 15321 15322 15313 15324 15312 15222 15145 15301 15315 17774 17553 15316 17123 15251 17775 12535 CBK906 Free choi CBK906 Select 42 STM9051	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking Urban Design Development Negotiation Planning Theory and Decision Making Project Management Principles Green Building Evaluation Construction Cost Planning Project Time, Cost and Quality Managemen Construction Contracts and Finance Spatial Analysis in Planning and Property Land Acquisition Statutory Valuation and Litigation Valuation Application 23 Advanced Architecture ce of electives. 24 Advanced Architecture Studio credit points from the following options:	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	42cp	013087 013095 013132 013141 013104 013159 013951 013112 010039 CBK9063 Select 30 c 15602 15603 15609 15610 15606 15607 15618 CBK9063 Select 24 c 97101	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2 Learning and Change Research Design Teaching English for Academic Purposes 3 Options redit points from the following options: Social Planning and Development Integrated Strategic Planning Local Environmental Management Local Government Leadership: Personal and Professional Skills Vocational Competencies 1 Vocational Competencies 2 New Perspectives in Local Government Leadership 4 Electives redit points from the following options: Chinese Language and Culture 1	6cp 6cp 6cp 6cp 6cp 6cp 6cp Tota 6cp 6cp 6cp 6cp 6cp 6cp	30cp
17772 15321 15322 15313 15324 15312 15222 15145 15301 15315 17774 17553 15316 17123 15251 17775 12535 CBK906 Free choi CBK906 Select 42 STM9051	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking Urban Design Development Negotiation Planning Theory and Decision Making Project Management Principles Green Building Evaluation Construction Cost Planning Project Time, Cost and Quality Managemen Construction Contracts and Finance Spatial Analysis in Planning and Property Land Acquisition Statutory Valuation and Litigation Valuation Application 23 Advanced Architecture ce of electives. 24 Advanced Architecture Studio credit points from the following options: 8 Urban Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		013087 013095 013132 013141 013104 013159 013951 013112 010039 CBK9063 Select 30 c 15602 15603 15609 15610 15606 15607 15618 CBK9063 Select 24 c 97101 97102	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2 Learning and Change Research Design Teaching English for Academic Purposes 3 Options redit points from the following options: Social Planning and Development Integrated Strategic Planning Local Environmental Management Local Government Leadership: Personal and Professional Skills Vocational Competencies 1 Vocational Competencies 2 New Perspectives in Local Government Leadership 4 Electives redit points from the following options: Chinese Language and Culture 1 Chinese Language and Culture 2	6cp 6cp 6cp 6cp 6cp 6cp 6cp 7ota 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	30cp
17772 15321 15322 15313 15324 15312 15222 15145 15301 15315 17774 17553 15316 17123 15251 17775 12535 CBK906 Free choi CBK906 Select 42 STM9051 STM9051	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking Urban Design Development Negotiation Planning Theory and Decision Making Project Management Principles Green Building Evaluation Construction Cost Planning Project Time, Cost and Quality Managemen Construction Contracts and Finance Spatial Analysis in Planning and Property Land Acquisition Statutory Valuation and Litigation Valuation Application 23 Advanced Architecture ce of electives. 24 Advanced Architecture Studio credit points from the following options: 8 Urban Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	42cp	013087 013095 013132 013141 013104 013159 013951 013112 010039 CBK9063 Select 30 c 15602 15603 15609 15610 15606 15607 15618 CBK9063 Select 24 c 97101 97102 97103	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2 Learning and Change Research Design Teaching English for Academic Purposes 3 Options redit points from the following options: Social Planning and Development Integrated Strategic Planning Local Environmental Management Local Government Leadership: Personal and Professional Skills Vocational Competencies 1 Vocational Competencies 2 New Perspectives in Local Government Leadership 4 Electives redit points from the following options: Chinese Language and Culture 1 Chinese Language and Culture 2 Chinese Language and Culture 3	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	30cp
17772 15321 15322 15313 15324 15312 15222 15145 15301 15315 17774 17553 15316 17123 15251 17775 12535 CBK906 Free choi CBK906 Select 42 STM9051 STM9051	Commercial Retail Property Management Workplace Ecology Engineering Services and Systems Project Procurement and Risk Management Facility Obsolescence Communication and Critical Thinking Urban Design Development Negotiation Planning Theory and Decision Making Project Management Principles Green Building Evaluation Construction Cost Planning Project Time, Cost and Quality Managemen Construction Contracts and Finance Spatial Analysis in Planning and Property Land Acquisition Statutory Valuation and Litigation Valuation Application 23 Advanced Architecture ce of electives. 24 Advanced Architecture Studio credit points from the following options: 8 Urban Design 9 Design Technologies	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	42cp	013087 013095 013132 013141 013104 013159 013951 013112 010039 CBK9063 Select 30 c 15602 15603 15609 15610 15606 15607 15618 CBK9063 Select 24 c 97101 97102	Discourse Analysis Global Englishes Technology Enhanced Language Learning Language Programming and Assessment Language and Power Independent Study Project 2 Learning and Change Research Design Teaching English for Academic Purposes 3 Options redit points from the following options: Social Planning and Development Integrated Strategic Planning Local Environmental Management Local Government Leadership: Personal and Professional Skills Vocational Competencies 1 Vocational Competencies 2 New Perspectives in Local Government Leadership 4 Electives redit points from the following options: Chinese Language and Culture 1 Chinese Language and Culture 2	6cp 6cp 6cp 6cp 6cp 6cp 6cp 7ota 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	30cp

97106	Chinese Language and Culture 6	8ср	CBK90635 Marketing streams
97111	Chinese Festivals and Ceremonies	8cp	Select 24 credit points from the following options: 24cp
97112	Chinese Film	8cp	STM90717 Marketing Management 24cp
97109	Chinese Mass Media	8cp	STM90717 Marketing Management 24cp STM90718 Marketing Strategy 24cp
97110	Twentieth Century Chinese Fiction	8cp	STM90719 Marketing Research 24cp
97201	Japanese Language and Culture 1	8cp	Total 24cp
97202	Japanese Language and Culture 2	8cp	Total 24cp
97203	Japanese Language and Culture 3	8cp	CBK90636 Elective (Marketing PG)
97204	Japanese Language and Culture 4	8cp	
97205	Japanese Language and Culture 5	8cp	Select 18 credit points from the following options: 18cp
97206	Japanese Language and Culture 6	8cp	24706 Strategic Services Marketing 6cp
97207	Japanese Films and Popular Culture	8cp	24707 Strategic Business Marketing 6cp
97208	Japanese Language and Identity	8cp	24713 Marketing Channel Management 6cp
97401	French Language and Culture 1	8cp	24736 Marketing Communications 6cp
97402	French Language and Culture 2	8cp	24738 Strategic International Marketing 6cp
97403	French Language and Culture 3	8cp	24742 New Product Management 6cp
97404	French Language and Culture 4	8cp	24750 Marketing Analytics 6cp
97405	French Language and Culture 5	8cp	24757 Research Methodology and Data Analysis
97406	French Language and Culture 6	8cp	Tools 6cp
97407	Francophone Identities in Conflict	8cp	24758 Readings in Marketing 6cp
97408	Show and Tell: Francophone Cultures on	ocp	24760 Pricing and Revenue Management 6cp
<i>77</i> 100	Display	8ср	24759 Research Design and Data Collection Tools 6cp
97501	Spanish Language and Culture 1	8cp	Total 18cp
97502	Spanish Language and Culture 2	8cp	
97503	Spanish Language and Culture 3	8cp	CBK90638 Research/Practice choice
97504	Spanish Language and Culture 4	8cp	In this choice block, students have the option of focusing their studies
97505	Spanish Language and Culture 5	8cp	towards research or towards professional practice. Students who
97506	Spanish Language and Culture 6	8cp	are intending to pursue a professional career in industry should
97507	Spanish Language and Culture 7	8cp	choose 32572 Reflective Practice in Information Technology. Students
97508	Spanish Language and Culture 8	8cp	intending to pursue a research or academic career should choose 32931
97601	German Language and Culture 1	8cp	Information Technology Research Methods, followed by a research
97602	German Language and Culture 2	8cp	project (32933 or 32934) in a later semester.
97603	German Language and Culture 3	8cp	
97604	German Language and Culture 4	8cp	Students pursuing the research option must identify a suitable project
97605	German Language and Culture 5	8cp	topic and an academic staff member who will be their supervisor
97606	German Language and Culture 6	8cp	for both 32931 and their subsequent research project, and need to
97607	German Language and Culture 7	8cp	provide this information in order to be granted permission to enrol
97608	German Language and Culture 8	8cp	in 32931. Students should contact the UTS Building 10 Student Centre
97801	Italian Language and Culture 1	8cp	for more details.
97802	Italian Language and Culture 2	8cp	Completion requirements
97802	Italian Language and Culture 3	8cp	
97803	Italian Language and Culture 4	8cp	Select 6 credit points from the following options: 6cp
97805		8cp	32931 Technology Research Methods 6cp
97806	Italian Language and Culture 5 Italian Language and Culture 6	8cp	32572 Reflective Practice in Information
976001	Foundations in International Studies	8cp	Technology 6cp
58228		8cp	Total 6cp
58328	Climate Change: Politics and Ecology The New Economy of Post-Nature	8cp	
58329	Culture, Science and Nature	8ср 8ср	CBK90639 Electives
58222	Global Politics from Above and Below	8cp	Free choice of electives.
58316	Sex, Race and Empire	8cp 8cp	
58317	Transnational Media	8cp	CBK90640 Elective
58223	Social Bodies	8cp	Free choice of electives.
58318	Gender, Culture, Power		
58319		8cp	CBK90641 Electives
58226	Rights and Territories Media, Mediation, Power	8cp	Select 12 credit points from the following options: 12cp
58324	Investigating Media, Reflective Practices	8cp	92606 Issues in Australian Health Services 6cp
58325		8cp	92917 Using Health Care Data for Decision
58225	Audiences, Users, Publics, Communities	8cp	Making 6cp
58322	Introduction to Film Studies	8cp	22747 Accounting for Managerial
58323	Screening the Past	8cp	Decisions 6cp
	Contemporary World Cinema	8cp	92051 Health Services Management and Legal
58224	Australian Pasts and Places	8cp	Issues 6cp
58320 58321	Australian Fiction	8cp	91345 Biochemistry, Genes and Disease 6cp
	Australian Film	8ср	65643 Chemistry and Pharmacology of
58227	Balancing World Views: Introduction to	0	Recreational Drugs 6cp
E022(Aboriginal Cultures	8cp	21779 Management Skills 6cp
58326	Australian Aboriginal Politics and History	8cp	21844 Managing Work and People 6cp
58327	Indigenous Futures	8cp	21743 Business Excellence 6cp
976111	Contemporary China	8cp	Total 12cp
976211	Contemporary Japan	8cp	Total 12cp
976502	Contemporary Erango	8cp	CBK90642 Elective
976411	Contemporary Cormony	8cp	
976421	Contemporary Italy	8cp	Select 12 credit points from the following options: 12cp
976431	Contemporary Spain	8cp	60909 Professional Science Project 12cp
976451	Contemporary Spain	8cp	91535 Microscopy and Cytometry 6cp
976404	Contemporary Switzerland	8cp	91536 Proteomics 6cp
58101	Understanding Communication	8cp	91345 Biochemistry, Genes and Disease 6cp
58102 58102	Language and Discourse	8cp	91352 Parasitology 6cp
58103	Ideas in History	8cp	91705 Medical Devices and Diagnostics 6cp
		Total 24cp	91368 Bioreactors and Bioprocessing 6cp
			91707 Pharmacology 1 6cp
			91335 Molecular Biology 2 6cp
			91359 Advanced Immunology 6cp
			91344 Medical and Diagnostic Biochemistry 6cp

91369	Biobusiness and Environmental	(3 Elective	
91540	Biotechnology Climate Change and Ecological Modelling	6cp		redit points from the following options:	12cp
91540	Climate Change and Ecological Modelling Monitoring Ecological Variability	6ср 6ср	21856	Career and Portfolio Development	6ср
91145	Environmental Protection and	оср	21797	Strategic Supply Chain Management	6cp
71110	Management	6ср	21751 21725	Management Research Methods Organisation Development	6ср 6ср
91120	GIS and Remote Sensing	6ср	21723	Management and Organisations	6ср
91155	Stream and Lake Assessment	6cp	21717	International Management	6cp
91551	Ecohydrology and Climate Change	6cp		Human Resource Management	6ср
91157	Marine Communities	6ср	21742	Quantitative Management	6cp
91116	Wildlife Ecology	6cp	21844	Managing Work and People	6ср
91118	Fisheries Resources	6cp			Total 12cp
66513	Marine Geosciences	6cp	0.000		
91309 91542	Biodiversity Conservation	6cp		4 Major choice	
91543	Principles of Contaminated Site Assessment Evaluation of Contaminant Effects	6cp		redit points from the following options:	48cp
91544	Environment Risk Assessment and	оср		Medical Biotechnology	48cp
71011	Remediation	6ср		Environmental Change Management	48cp
68044	Characterisation of Energy Efficient	· · · r		Physics and Advanced Materials	48cp
	Materials	6ср		Forensic Science Mathematical and Statistical Modelling	48cp
68045	Computation Techniques in the Materials	•		Mathematical and Statistical Modelling Science Management	48cp 48cp
	Sciences	6ср		No specified major	48cp
68002	Advanced Nanomaterials	6cp	MAI01130	Marine Science and Management	48cp
68001	Advanced Physics	6ср		Biomedical Engineering	48cp
68513	Optics and Nanophotonics	6ср	1,111,001,0	Diemetrical Engliseering	Total 48cp
68320	Scanning Probe and Electron Microscopy	6ср			· · · ·
68415	Measurement and Analysis of Physical	,	CBK9064	5 Extended major choice	
(041/	Processes	6cp		redit points from the following options:	72cp
68416	Computational Physics	6cp		Extended Marketing	72cp
68606	Solid-state Science and Nanodevices	6cp		Extended Management	72cp
68316 67509	Applied Electronics and Interfacing	6cp		Extended Finance	72cp
68413	Molecular Nanotechnology Quantum Physics	6ср 6ср		Extended Economics	72cp
68315	Imaging Science	6cp			Total 72cp
65034	Introduction to Forensic Science	6cp			
65342	Crime Scene Investigation	6ср	CBK9064	6 Sub-major/Four electives	
65544	Chemical Criminalistics	6ср	Select 24 cr	redit points from the following options:	24cp
65545	Forensic Toxicology	6cp		Financial Reporting	24cp
35255	Forensic Statistics	6cp		International Accounting	24cp
91137	DNA Profiling	6ср		Small Business Accounting	24cp
91138	Investigation of Human Remains	6cp		Economics	24cp
65412	Physical Evidence	6ср	SMJ08123		24cp
65643	Chemistry and Pharmacology of			Sport Management	24cp
	Recreational Drugs	6cp		Tourism Management	24cp
65644	Fire and Explosion Investigation	6cp		Human Resource Management International Management	24cp 24cp
91402	Anatomical Pathology	6ср		Management	24cp 24cp
65863	Expert Evidence Presentation	6cp		Advanced Advertising	24cp
65743 91139	Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology)	6cp		Marketing Research	24cp
79028	Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology)	6cp		Advertising	24cp
35212	Computational Linear Algebra	6ср 6ср		Marketing	24cp
35231	Differential Equations	6cp	SMJ08139	International Business Studies	24cp
35252	Mathematical Statistics	6ср		Human Resource Development	24cp
35322	Advanced Analysis	6cp		Business Information Systems	24cp
35340	Quantitative Management Practice	6ср		Information Technology	24cp
35342	Nonlinear Methods in Quantitative	•		Business Law	24cp
	Management	6ср		Taxation Law	24cp
35344	Network and Combinatorial			Mathematics	24cp
25252	Optimisation	6cp	SMJ01023 SMJ01009	Quantitative Management	24cp 24cp
35353	Regression Analysis	6cp		International Studies	24cp 24cp
35355 35365	Quality Control	6cp		Language other than English	24cp 24cp
	Stochastic Calculus in Finance	6cp	SMI09036	Specialist Country Studies	24cp
35393 35361	Seminar (Statistics) Stochastic Processes	6ср 6ср	CBK90171		24cp
35366	Numerical Methods of Finance	6cp		Management Reporting	24cp
35457	Multivariate Statistics	6cp	SMJ08203	Event Management	24cp
35502	Seminar A	6cp		Strategic Marketing	24cp
35503	Seminar B	6ср		Public Relations	24cp
35504	Seminar C	6ср		Management Consulting	24cp
35505	Seminar D	6cp	SMJ09058	Econometrics	24cp
35364	Statistics for Quantitative Finance	6cp		Financial Planning	24cp
35356	Design and Analysis of Experiments	6cp	SMJ08215	Financial Services	24cp
91545	Environment Research Project A	12cp			Total 24cp
35112		12cp			
65032		12cp			
68046		12cp			
91537		12cp			
91548		12cp			
91709	Pharmacology 2	6cp			
91126	Coral Reef Ecosystems	6cp			
91146 91156	Topics in Australian Marine Science Marine Primary Producers	6cp			
21130	maine i innary i foduceis	6cp Total 12cp			

CBK9064	48 Professional stream choice			35344	Network and Combinatorial		
Select 12 c	credit points from the following options:		12cp		Optimisation	6cp	
60901	Advanced Communication Skills in Science		•	35353	Regression Analysis	6cp	
	of the following:	6ср		35355 35365	Quality Control Stochastic Calculus in Finance	6ср 6ср	
60902 35212	1			35393	Seminar (Statistics)	6ср	
60903	2 Computational Linear Algebra 6cp Project Management in Science	6ср		35361	Stochastic Processes	6cp	
60904	Innovation, Entrepreneurship and	оср		35366	Numerical Methods of Finance	6ср	
	Commercialisation	6ср		35457	Multivariate Statistics	6cp	
		Total	12cp	35502 35503	Seminar A	6cp	
CDV00//	O No specified major			35504	Seminar B Seminar C	6ср 6ср	
	69 No specified major		10	35505	Seminar D	6ср	
60909	redit points from the following options: Professional Science Project	12ср	48cp	35364	Statistics for Quantitative Finance	6cp	
91535	Microscopy and Cytometry	6cp		35356	Design and Analysis of Experiments	6cp	
91536	Proteomics	6cp		91545	Environment Research Project A	12cp	
91345	Biochemistry, Genes and Disease	6ср		68046 68047		12cp 12cp	
91352	Parasitology	6cp		68048		24cp	
91705 91368	Medical Devices and Diagnostics Bioreactors and Bioprocessing	6cp		91546		12cp	
91707	Pharmacology 1	6ср 6ср		91547		24cp	
91335	Molecular Biology 2	6cp		91548		12cp	
91359	Advanced Immunology	6cp		91549 91550		24cp	
91344	Medical and Diagnostic Biochemistry	6ср		35112		12ср 12ср	
91369	Biobusiness and Environmental	(35113		12cp	
91540	Biotechnology Climate Change and Ecological Modelling	6ср 6ср		35114		24cp	
91541	Monitoring Ecological Variability	6ср		91537		12cp	
91145	Environmental Protection and	оср		91538		12cp	
	Management	6ср		91539 65032		24cp 12cp	
91120	GIS and Remote Sensing	6cp		65033		24cp	
91155	Stream and Lake Assessment	6cp		65072		12cp	
91551 91157	Ecohydrology and Climate Change Marine Communities	6ср 6ср		91709	Pharmacology 2	6ср	
91116	Wildlife Ecology	6ср				Total	l 48cp
91118	Fisheries Resources	6cp		CDV00/E	0 Floatives		
66513	Marine Geosciences	6ср			0 Electives		10
91309	Biodiversity Conservation	6cp		Select 12 c	redit points from the following options: Professional Science Project	12ср	12cp
91542 91543	Principles of Contaminated Site Assessment Evaluation of Contaminant Effects			91535	Microscopy and Cytometry	6cp	
91543	Environment Risk Assessment and	6ср		91536	Proteomics	6cp	
,1011	Remediation	6ср		91345	Biochemistry, Genes and Disease	6cp	
68044	Characterisation of Energy Efficient	1		91352	Parasitology	6cp	
	Materials	6ср		91705 91368	Medical Devices and Diagnostics Bioreactors and Bioprocessing	6cp	
68045	Computation Techniques in the Materials Sciences	6an		91707	Pharmacology 1	6ср 6ср	
68002	Advanced Nanomaterials	6ср 6ср		91335	Molecular Biology 2	6ср	
68001	Advanced Physics	6ср		91359	Advanced Immunology	6ср	
68513	Optics and Nanophotonics	6cp		91344	Medical and Diagnostic Biochemistry	6ср	
68320	Scanning Probe and Electron Microscopy	6ср		91369	Biotechnology	6ср	
68415	Measurement and Analysis of Physical	6an		91540	Climate Change and Ecological Modelling	6ср	
68416	Processes Computational Physics	6ср 6ср		91541	Monitoring Ecological Variability	6ср	
68606	Solid-state Science and Nanodevices	6ср		91145	Environmental Protection and	•	
68316	Applied Electronics and Interfacing	6cp		04400	Management	6cp	
67509	Molecular Nanotechnology	6ср		91120 91155	GIS and Remote Sensing	6cp	
68413	Quantum Physics	6cp		91155	Stream and Lake Assessment Ecohydrology and Climate Change	6ср 6ср	
68315 65034	Imaging Science Introduction to Forensic Science	6ср 6ср		91157	Marine Communities	6ср	
65342	Crime Scene Investigation	6ср		91116	Wildlife Ecology	6cp	
65544	Chemical Criminalistics	6cp		91118	Fisheries Resources	6cp	
65545		6cp		66513	Marine Geosciences	6ср	
35255	Forensic Toxicology	ocp		01000			
01127	Forensic Statistics	6ср		91309	Biodiversity Conservation	6ср	
91137	Forensic Statistics DNA Profiling	6cp 6cp		91542	Biodiversity Conservation Principles of Contaminated Site Assessment	6cp 6cp	
91138	Forensic Statistics DNA Profiling Investigation of Human Remains	6cp 6cp 6cp			Biodiversity Conservation	6ср	
91138 65412	Forensic Statistics DNA Profiling Investigation of Human Remains Physical Evidence	6cp 6cp		91542 91543	Biodiversity Conservation Principles of Contaminated Site Assessment Evaluation of Contaminant Effects	6cp 6cp	
91138	Forensic Statistics DNA Profiling Investigation of Human Remains	6cp 6cp 6cp		91542 91543	Biodiversity Conservation Principles of Contaminated Site Assessment Evaluation of Contaminant Effects Environment Risk Assessment and Remediation Characterisation of Energy Efficient	6cp 6cp 6cp	
91138 65412 65643 65644	Forensic Statistics DNA Profiling Investigation of Human Remains Physical Evidence Chemistry and Pharmacology of Recreational Drugs Fire and Explosion Investigation	6cp 6cp 6cp 6cp		91542 91543 91544 68044	Biodiversity Conservation Principles of Contaminated Site Assessment Evaluation of Contaminant Effects Environment Risk Assessment and Remediation Characterisation of Energy Efficient Materials	6cp 6cp 6cp	
91138 65412 65643 65644 91402	Forensic Statistics DNA Profiling Investigation of Human Remains Physical Evidence Chemistry and Pharmacology of Recreational Drugs Fire and Explosion Investigation Anatomical Pathology	6cp 6cp 6cp 6cp 6cp 6cp		91542 91543 91544	Biodiversity Conservation Principles of Contaminated Site Assessment Evaluation of Contaminant Effects Environment Risk Assessment and Remediation Characterisation of Energy Efficient Materials Computation Techniques in the Materials	6cp 6cp 6cp 6cp	
91138 65412 65643 65644 91402 65863	Forensic Statistics DNA Profiling Investigation of Human Remains Physical Evidence Chemistry and Pharmacology of Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation	6cp 6cp 6cp 6cp 6cp 6cp 6cp		91542 91543 91544 68044 68045	Biodiversity Conservation Principles of Contaminated Site Assessment Evaluation of Contaminant Effects Environment Risk Assessment and Remediation Characterisation of Energy Efficient Materials Computation Techniques in the Materials Sciences	6cp 6cp 6cp 6cp 6cp	
91138 65412 65643 65644 91402 65863 65743	Forensic Statistics DNA Profiling Investigation of Human Remains Physical Evidence Chemistry and Pharmacology of Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry)	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		91542 91543 91544 68044	Biodiversity Conservation Principles of Contaminated Site Assessment Evaluation of Contaminant Effects Environment Risk Assessment and Remediation Characterisation of Energy Efficient Materials Computation Techniques in the Materials	6cp 6cp 6cp 6cp 6cp	
91138 65412 65643 65644 91402 65863	Forensic Statistics DNA Profiling Investigation of Human Remains Physical Evidence Chemistry and Pharmacology of Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation	6cp 6cp 6cp 6cp 6cp 6cp 6cp		91542 91543 91544 68044 68045 68002 68001 68513	Biodiversity Conservation Principles of Contaminated Site Assessment Evaluation of Contaminant Effects Environment Risk Assessment and Remediation Characterisation of Energy Efficient Materials Computation Techniques in the Materials Sciences Advanced Nanomaterials Advanced Physics Optics and Nanophotonics	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	
91138 65412 65643 65644 91402 65863 65743 91139 79028 35212	Forensic Statistics DNA Profiling Investigation of Human Remains Physical Evidence Chemistry and Pharmacology of Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology) Computational Linear Algebra	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		91542 91543 91544 68044 68045 68002 68001 68513 68320	Biodiversity Conservation Principles of Contaminated Site Assessment Evaluation of Contaminant Effects Environment Risk Assessment and Remediation Characterisation of Energy Efficient Materials Computation Techniques in the Materials Sciences Advanced Nanomaterials Advanced Physics Optics and Nanophotonics Scanning Probe and Electron Microscopy	6cp 6cp 6cp 6cp 6cp 6cp	
91138 65412 65643 65644 91402 65863 65743 91139 79028 35212 35231	Forensic Statistics DNA Profiling Investigation of Human Remains Physical Evidence Chemistry and Pharmacology of Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology) Computational Linear Algebra Differential Equations	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		91542 91543 91544 68044 68045 68002 68001 68513	Biodiversity Conservation Principles of Contaminated Site Assessment Evaluation of Contaminant Effects Environment Risk Assessment and Remediation Characterisation of Energy Efficient Materials Computation Techniques in the Materials Sciences Advanced Nanomaterials Advanced Physics Optics and Nanophotonics Scanning Probe and Electron Microscopy Measurement and Analysis of Physical	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	
91138 65412 65643 65644 91402 65863 65743 91139 79028 35212 35231 35252	Forensic Statistics DNA Profiling Investigation of Human Remains Physical Evidence Chemistry and Pharmacology of Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology) Computational Linear Algebra Differential Equations Mathematical Statistics	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		91542 91543 91544 68044 68045 68002 68001 68513 68320 68415	Biodiversity Conservation Principles of Contaminated Site Assessment Evaluation of Contaminant Effects Environment Risk Assessment and Remediation Characterisation of Energy Efficient Materials Computation Techniques in the Materials Sciences Advanced Nanomaterials Advanced Physics Optics and Nanophotonics Scanning Probe and Electron Microscopy Measurement and Analysis of Physical Processes	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	
91138 65412 65643 65644 91402 65863 65743 91139 79028 35212 35231 35252 35322	Forensic Statistics DNA Profiling Investigation of Human Remains Physical Evidence Chemistry and Pharmacology of Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology) Computational Linear Algebra Differential Equations Mathematical Statistics Advanced Analysis	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		91542 91543 91544 68044 68045 68002 68001 68513 68320	Biodiversity Conservation Principles of Contaminated Site Assessment Evaluation of Contaminant Effects Environment Risk Assessment and Remediation Characterisation of Energy Efficient Materials Computation Techniques in the Materials Sciences Advanced Nanomaterials Advanced Physics Optics and Nanophotonics Scanning Probe and Electron Microscopy Measurement and Analysis of Physical	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	
91138 65412 65643 65644 91402 65863 65743 91139 79028 35212 35231 35252	Forensic Statistics DNA Profiling Investigation of Human Remains Physical Evidence Chemistry and Pharmacology of Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology) Computational Linear Algebra Differential Equations Mathematical Statistics Advanced Analysis Quantitative Management Practice	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		91542 91543 91544 68044 68045 68002 68001 68513 68320 68415 68416 68606 68316	Biodiversity Conservation Principles of Contaminated Site Assessment Evaluation of Contaminant Effects Environment Risk Assessment and Remediation Characterisation of Energy Efficient Materials Computation Techniques in the Materials Sciences Advanced Nanomaterials Advanced Physics Optics and Nanophotonics Scanning Probe and Electron Microscopy Measurement and Analysis of Physical Processes Computational Physics Solid-state Science and Nanodevices Applied Electronics and Interfacing	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	
91138 65412 65643 65644 91402 65863 65743 91139 79028 35212 35231 35252 35322 35340	Forensic Statistics DNA Profiling Investigation of Human Remains Physical Evidence Chemistry and Pharmacology of Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology) Computational Linear Algebra Differential Equations Mathematical Statistics Advanced Analysis	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		91542 91543 91544 68044 68045 68002 68001 68513 68320 68415	Biodiversity Conservation Principles of Contaminated Site Assessment Evaluation of Contaminant Effects Environment Risk Assessment and Remediation Characterisation of Energy Efficient Materials Computation Techniques in the Materials Sciences Advanced Nanomaterials Advanced Physics Optics and Nanophotonics Scanning Probe and Electron Microscopy Measurement and Analysis of Physical Processes Computational Physics Solid-state Science and Nanodevices	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	

68315	Imaging Science	6ср	CBK90	657 Environmental Science choice B	
65034	Introduction to Forensic Science	6ср	Select 36	credit points from the following options:	36cp
65342	Crime Scene Investigation	6ср	91120	GIS and Remote Sensing	6ср 1
65544	Chemical Criminalistics	6ср	91116	Wildlife Ecology	6cp
65545	Forensic Toxicology	6ср	91121	Aquatic Ecology	6cp
35255	Forensic Statistics	6ср	91309	Biodiversity Conservation	6cp
91137	DNA Profiling	6ср	91155	Stream and Lake Assessment	6cp
91138	Investigation of Human Remains	6cp	91145	Environmental Protection and	*
65412	Physical Evidence	6ср		Management	6ср
65643	Chemistry and Pharmacology of		91371	Forest and Mountain Ecology	6ср
C= C 4 4	Recreational Drugs	6cp	91370	Semi-arid Ecology	6ср
65644	Fire and Explosion Investigation	6ср	91118	Fisheries Resources	6ср
91402	Anatomical Pathology	6ср	66513	Marine Geosciences	6ср
65863	Expert Evidence Presentation	6ср	91126	Coral Reef Ecosystems	6ср
65743	Complex Forensic Cases (Chemistry)	6ср	91156	Marine Primary Producers	6ср
91139 79028	Complex Forensic Cases (Biology)	6cp	91163	Alpine and Lowland Ecology	6ср
35212	Complex Forensic Cases (Law for Biology Computational Linear Algebra				Total 36cp
35231	Differential Equations	6cp	ODIVOO	/FO Madical and Malacalan Discrission	-l! A
35252	Mathematical Statistics	6cp		658 Medical and Molecular Biosciences	
35322	Advanced Analysis	6ср 6ср		6 credit points from the following options:	36ср
35340	Quantitative Management Practice	6ср	91314	General Microbiology	6ср
35342	Nonlinear Methods in Quantitative	оср	91320	Metabolic Biochemistry	6ср
55512	Management	6ср	91500	Histology	6ср
35344	Network and Combinatorial	оср	91142	Biotechnology	6ср
00011	Optimisation	6ср	91703	Physiological Systems	6cp
35353	Regression Analysis	6ср	91132	Molecular Biology 1	6ср
35355	Quality Control	6ср	91326	Analytical Biochemistry	6ср
35365	Stochastic Calculus in Finance	6ср	91330	Epidemiology and Public Health	
35393	Seminar (Statistics)	6ср	01.401	Microbiology	6ср
35361	Stochastic Processes	6ср	91401	Introductory Haematology and	(
35366	Numerical Methods of Finance	6cp	01220	Immunology	6cp
35457	Multivariate Statistics	6cp	91239	Human Pathophysiology	6cp
35502	Seminar A	6cp			Total 36cp
35503	Seminar B	6ср	CBKOU	659 Medical and Molecular Biosciences	choice B
35504	Seminar C	6ср			
35505	Seminar D	6ср		6 credit points from the following options:	36cp
35364	Statistics for Quantitative Finance	6ср	91335 91338	Molecular Biology 2 Clinical Bacteriology	6cp
35356	Design and Analysis of Experiments	6ср	91344		6cp
91709	Pharmacology 2	6ср	91344	Medical and Diagnostic Biochemistry	6cp
		Total 12cp	91359	Advanced Haematology Advanced Immunology	6cp
			91369	Biobusiness and Environmental	6ср
CBK906	53 Stream choice		91309	Biotechnology	6cn
Select 144	4 credit points from the following options:	144cp	91707	Pharmacology 1	6ср 6ср
STM9067	6 Physical Sciences stream	144cp	91706	Neuroscience	6cp
	7 Life Sciences stream	144cp	91403	Medical Imaging	6ср
STM9067	8 Mathematical Sciences stream	144cp	91129	Transfusion Science	6cp
		Total 144cp	91345	Biochemistry, Genes and Disease	6ср
			91352	Parasitology	6cp
CBK906	54 Major choice (Environmental and M	arine	91402	Anatomical Pathology	6cp
Biology			91368	Bioreactors and Bioprocessing	6ср
Select 96	credit points from the following options:	96ср	91144	Plant Biotechnology	6cp
	6 Environmental Biology	96cp	91705	Medical Devices and Diagnostics	6cp
	7 Marine Biology	96cp	91709	Pharmacology 2	6cp
	8 Environmental Forensics	96cp	91708	Medical and Applied Physiology	6cp
	6 Environmental Sciences	96cp		11 / / / / /	Total 36cp
-		Total 96cp			1
			CBK90	660 Physics and Advanced Materials cho	ice A
CBK906	55 Major choice (Applied Physics Nanc	technology)		credit points from the following options:	36ср
Select 96	credit points from the following options:	96ср	65307	Physical Chemistry 1	6ср
MAJ0110	1 Applied Physics	96cp	68075	Nanomaterials	6cp
	2 Nanotechnology	96cp	68412	Energy Science and Technology	6cp
MAJ0112	8 Physics and Advanced Materials	96ср	33360	Mathematics for Physical Science	6ср
	•	Total 96cp	68414	Advanced Mechanics	6ср
		•	68413	Quantum Physics	6ср
CBK906	56 Environmental Science choice A		68315	Imaging Science	6ср
Select 36	credit points from the following options:	36ср	91140	BioNanotechnology	6ср
91149	Geological Processes	6ср			Total 36cp
91110	Experimental Design and Sampling	6ср	001/00	//4 Phonics and 4 1	iB
91154	Ecology	6ср		661 Physics and Advanced Materials cho	
91363	Animal Behaviour and Physiology	6ср		6 credit points from the following options:	36cp
91270	Plant Physiology and Ecophysiology	6ср	68316	Applied Electronics and Interfacing	6ср
91157	Marine Communities	6ср	68606	Solid-state Science and Nanodevices	6ср
65621	Environmental Chemistry	6ср	68416	Computational Physics	6cp
(113 = 1)		6ср	67509	Molecular Nanotechnology	6ср
91159	Environmental Forensics	m1.104			
91159	Environmental Forensics	Total 36cp	68513	Optics and Nanophotonics	6ср
71159	Environmental Forensics	Total 36cp	68320	Scanning Probe and Electron Microscopy	6ср 6ср
71159	Environmental Forensics	Total 36cp		Scanning Probe and Electron Microscopy Measurement and Analysis of Physical	6cp
91159	Environmental Forensics	Total 36cp	68320 68415	Scanning Probe and Electron Microscopy Measurement and Analysis of Physical Processes	6ср 6ср
91159	Environmental Forensics	Total 36cp	68320	Scanning Probe and Electron Microscopy Measurement and Analysis of Physical	6cp 6cp 6cp
711 29	Environmental Forensics	Total 36cp	68320 68415	Scanning Probe and Electron Microscopy Measurement and Analysis of Physical Processes	6ср 6ср

CBK906	62 Chemical Science choice A			89122	Sustainability, Design and Creative Future		
Select 36	credit points from the following options:		36ср		Critical Economies	12cp	
65202	Organic Chemistry 1	6ср	1	89114	Lighting Studio: Light, Time and Change	12cp	
65410	Chemical Safety and Legislation	6cp		89115	Lighting Studio: Light, Materials and Space		
65307	Physical Chemistry 1	6ср		89116	Lighting Studio: Final Project	12cp	
65411	Inorganic Chemistry 1	6ср		89123	Experimental Visual Communications:		
65306	Analytical Chemistry 1	6ср			Research Through Design	12cp	
65621	Environmental Chemistry	6cp		89124	Experimental Visual Communications:		
67509	Molecular Nanotechnology	6ср			Visualising the Invisible	12cp	
65242	Principles of Forensic Science	6ср		89125	Experimental Visual Communications:		
	-	Tota	1 36ср		Final Project	12cp	104
						Tota	al 24cp
CBK906	63 Chemical Science choice B			CDKOUT	71 Docian Exportico choico		
Select 36	credit points from the following options:		36ср		71 Design Expertise choice		2.6
65409	Analytical Chemistry 2	6ср			credit points from the following options:	2.6	36ср
65509	Inorganic Chemistry 2	6ср			5 Design major choice	36cp	
67305	Polymer Science	6ср		CBK90672	2 Design Studio choice	36ср	1.07
65606	Analytical Chemistry 3	6ср				Iota	al 36cp
65607	Physical Chemistry 2	6ср		CDKOUL	72 Docian Studio choico		
67510	Surface Processes	6ср		CBK7007	72 Design Studio choice		
65545	Forensic Toxicology	6ср		As part o	f the Master of Design (Interactivation sp	ecialisa	ation),
65643	Chemistry and Pharmacology of			students of	can enrol in either 89111 or 89112 dependi	ing on	which
	Recreational Drugs	6cp		semester t	they start the course. 89111 is not a prerequ	iisite to	89112
65508	Organic Chemistry 2	6cp		and they o	can be taken in any order.		
		Tota	1 36ср	0 '			
CDI/OO/	/E Design project chairs			Completi	on requirements		
	65 Design major choice		26		credit points from the following options:		36ср
	credit points from the following options:		36ср	89015	Textile and Fashion Innovation	12cp	
MAJ1002	28 Design for Change: Sustainability, Design ar		ative	89016	Reframing Fashion and Textile Practice	12cp	
3.54.74.000	Futures	36cp		89017	Fashion and Textiles Entrepreneur	12cp	
	7 Fashion and Textiles Studio	36cp		89120	Sustainability, Design and Creative Future	s:	
		36cp			Being Human	12cp	
	06 Lighting	36cp		89121	Sustainability, Design and Creative Future		
		36cp			Spatio-Temporal Shifts	12cp	
	71 Objects and Accessories	36cp		89122	Sustainability, Design and Creative Future		
MAJ0400	7 Perception Space Materials	36ср	1.26		Critical Economies	12cp	
		Iota	1 36ср	89114	Lighting Studio: Light, Time and Change	12cp	
CBKOUK	69 Design Expertise choice			89115	Lighting Studio: Light, Materials and	10	
			40	00117	Space	12cp	
	credit points from the following options:		48cp	89116	Lighting Studio: Final Project	12cp	
89105	Design Activism	6cp		89123	Experimental Visual Communications:	10	
89106	Researching Contexts	6cp		00124	Research Through Design	12cp	
89107	Innovation and Entrepreneurship: A	6cp		89124	Experimental Visual Communications:	10	
89108	Technology Workshop: Creative Play	6cp		89125	Visualising the Invisible	12cp	
89109 89110	Technology Workshop: Experimental Media			09123	Experimental Visual Communications: Final Project	12 <i>a</i> p	
89120	Engaging Texts: Interpreting Contexts	6ср		89111	Interactivation Studio: Autumn	12cp	
09120	Sustainability, Design and Creative Futures: Being Human	12cp		89112	Interactivation Studio: Autumn Interactivation Studio: Spring	12cp 12cp	
89121	Sustainability, Design and Creative Futures:			89113	Interactivation Studio: Spring Interactivation Studio: Final Project	12cp	
07121	Spatio-Temporal Shifts	12cp		89126	Design Studio 1: Human-centred Design	12cp	
89122	Sustainability, Design and Creative Futures:			89127	Design Studio 2:	12 c p	
07122	Critical Economies			07127	Social Design Practice/Critical Reflection	12cn	
89123	Experimental Visual Communications:	12cp		89128	Design Studio 3:	12cp	
07120	Research Through Design	12cp		07120	Resilience and Creative Practice	12cp	
89124	Experimental Visual Communications:	P		89151	Design for Change:	- - cP	
	Visualising the Invisible	12cp			Specific Retail Environments	12cp	
89125	Experimental Visual Communications:	- 1		89152	Design for Change:	-1	
-	Final Project	12cp			Reinvigorating Retail Precincts	12cp	
89114	Lighting Studio: Light, Time and Change	12cp		89153	Design for Change: Retail Futures	12cp	
89115	Lighting Studio: Light, Materials and Space				0		al 36cp
89116	Lighting Studio: Final Project	12cp					1
	,		148cp	CBK9067	73 Design option		
					credit points from the following options:		24cp
CBK906	70 Design Expertise choice				Performative Spaces	24cp	-1
	credit points from the following options:		24cp	, ,	1		al 24cp
89105	Design Activism	6ср	1				Г
89106	Researching Contexts	6cp		CBK9067	74 Design options		
89107	Innovation and Entrepreneurship: A	6cp			credit points from the following options:		24cp
89108	Technology Workshop: Creative Play	6cp		86529	Design Studio: Inhabitations	12cp	
89109	Technology Workshop:	1		86531	Design Studio: Explorations	12cp	
	Experimental Media	6ср		86530	Design Studio: Performative Spaces 1	12cp	
89110	Engaging Texts: Interpreting Contexts	6ср		86533	Design Studio: Performative Spaces 2	12cp	
89120	Sustainability, Design and Creative Futures:	-			J		al 24cp
	Being Human	12cp					1
89121	Sustainability, Design and Creative Futures:						
	Spatio-Temporal Shifts	12cp					

CBK906'	75 Geotechnical Engineering choice			91544	Environment Risk Assessment and		
	credit points from the following options:		18ср		Remediation	6ср	
49118	Applied Geotechnics	6ср	I	68044	Characterisation of Energy Efficient		
49119	Problematic Soils and Ground	,		68045	Materials Computation Techniques in the Materials	6ср	
49254	Improvement Techniques Advanced Soil Mechanics and Foundation	6ср		00043	Sciences	6ср	
47234	Design	6ср		68002	Advanced Nanomaterials	6cp	
49102	Traffic and Transportation	6cp		68001	Advanced Physics	6ср	
49106	Road Engineering Practice	6cp		68513 68320	Optics and Nanophotonics Scanning Probe and Electron Microscopy	6cp	
49116 49257	Contaminated Site and Waste Remediation Geographic Information Systems	6ср 6ср		68415	Measurement and Analysis of Physical	6ср	
49126	Environmental Management of Land	6ср			Processes	6ср	
49143	Civil Engineering Review 1	6cp		68416	Computational Physics	6ср	
49258	Pavement Analysis and Design	6ср	4.0	68606 68316	Solid-state Science and Nanodevices Applied Electronics and Interfacing	6cp	
		Total	18cp	67509	Molecular Nanotechnology	6ср 6ср	
CBK9067	76 Civil and Geotechnical Engineering ch	oice A	A .	68413	Quantum Physics	6cp	
	credit points from the following options:		24cp	68315	Imaging Science	6cp	
49118	Applied Geotechnics	6ср	•	65034 65342	Introduction to Forensic Science Crime Scene Investigation	6ср 6ср	
49119	Problematic Soils and Ground			65544	Chemical Criminalistics	6ср	
49254	Improvement Techniques Advanced Soil Mechanics and Foundation	6ср		65545	Forensic Toxicology	6cp	
17231	Design	6ср		35255	Forensic Statistics	6ср	
49102	Traffic and Transportation	6cp		91137 91138	DNA Profiling Investigation of Human Remains	6cp	
49106	Road Engineering Practice	6cp		65412	Physical Evidence	6ср 6ср	
49116 49257	Contaminated Site and Waste Remediation Geographic Information Systems	6ср 6ср		65643	Chemistry and Pharmacology of	ocp	
49126	Environmental Management of Land	6ср			Recreational Drugs	6ср	
49258	Pavement Analysis and Design	6ср		65644	Fire and Explosion Investigation	6cp	
		Total	24cp	91402 65863	Anatomical Pathology Expert Evidence Presentation	6ср 6ср	
CBK0UY.	77 Civil and Geotechnical Engineering ch	oico B	2	65743	Complex Forensic Cases (Chemistry)	6ср	
	credit points from the following options:		24cp	91139	Complex Forensic Cases (Biology)	6ср	
49047	Finite Element Analysis	6ср	24cp	79028	Complex Forensic Cases (Law for Biology)	6cp	
49131	Bridge Design	6ср		35212 35231	Computational Linear Algebra Differential Equations	6ср 6ср	
49134	Structural Dynamics and Earthquake	_		35252	Mathematical Statistics	6ср	
40126	Engineering	6ср		35322	Advanced Analysis	6cp	
49136	Application of Timber in Engineering Structures	6ср		35340	Quantitative Management Practice	6ср	
49150	Prestressed Concrete Design	6cp		35342	Nonlinear Methods in Quantitative Management	6ср	
49115	Facade Engineering	6cp		35344	Network and Combinatorial	оср	
49135 49151	Wind Engineering Concrete Technology and Practice	6cp			Optimisation	6ср	
49255	Catchment Modelling	6ср 6ср		35353	Regression Analysis	6cp	
49256	Flood Estimation	6ср		35355 35365	Quality Control Stochastic Calculus in Finance	6ср 6ср	
49107	Urban Stormwater Design	6ср		35393	Seminar (Statistics)	6ср	
49109	Engineered Natural Water Treatment Systems	6cn		35361	Stochastic Processes	6ср	
49002	Managing Projects	6ср 6ср		35366	Numerical Methods of Finance	6cp	
49143	Civil Engineering Review 1	6ср		35457 35502	Multivariate Statistics Seminar A	6ср 6ср	
		Total	24cp	35503	Seminar B	6ср	
CDKOUT	78 Elective			35504	Seminar C	6cp	
	credit points from the following options:		12cp	35505	Seminar D	6cp	
60909		12ср	12Cp	35364 35356	Statistics for Quantitative Finance Design and Analysis of Experiments	6cp	
91535	Microscopy and Cytometry	6ср		33330	Design and Analysis of Experiments	6cp Total	12cp
91536	Proteomics	6ср				1000	12сР
91345 91352	Biochemistry, Genes and Disease	6cp			9 Stream choice		
91705	Parasitology Medical Devices and Diagnostics	6ср 6ср			redit points from the following options:		96ср
91368	Bioreactors and Bioprocessing	6ср			Standard stream Extended major	96cp 96cp	
91707	Pharmacology 1	6ср		3110190324	Exterided major	Total	96cp
91335	Molecular Biology 2	6cp					· · · · r
91359 91344	Advanced Immunology Medical and Diagnostic Biochemistry	6ср 6ср		CBK9068	2 Options		
91369	Biobusiness and Environmental	оср			edit points from the following options:		6ср
	Biotechnology	6ср		60905 60906	Leadership and Teamwork in Science	6cp	
91540	Climate Change and Ecological Modelling	6ср		60906	Science in Practice Managing Science-based Enterprises	6ср 6ср	
91541 91145	Monitoring Ecological Variability	6ср		60908	Science and Industrialisation	6ср	
711 4 3	Environmental Protection and Management	6ср					ıl 6cp
91120	GIS and Remote Sensing	6ср		CDMOORO	O Major shoise (Communication)		
91155	Stream and Lake Assessment	6ср			O Major choice (Communication)		1800
91551	Ecohydrology and Climate Change	6cp			redit points from the following options: Social Inquiry	48cp	48cp
91157 91116	Marine Communities Wildlife Ecology	6ср 6ср			Journalism	48cp	
91118	Fisheries Resources	6ср		MAJ10021	Media Arts and Production	48cp	
66513	Marine Geosciences	6ср			Writing and Cultural Studies	48cp	
91309	Biodiversity Conservation Principles of Contaminated Site Assessment	6cp			Information and Media Public Communication	48ср 48ср	
91542 91543	Principles of Contaminated Site Assessment Evaluation of Contaminant Effects	6ср 6ср				Total	48cp
5 -5	Directo	P					-

Select 2 credit points from the following options: 24cp 9766012 Contemporary's canada (Quebec) 8cp 976001 Foundations in International Studies 9cp	CBK907	01 Sub-major choice			976502	Contemporary Latin(o) Americas	8ср	
SAMPONDON Foundations in International Studies Sep				24cp			8cp	
SAMPROSE Redise, Genders, Rights				-T				
SMM 10033 Section Se	SMJ09049	Reading Australia	24cp					
SMM1003 Series Substitute								
Mily							_	
CBK90702 Electives					30702	witting finough defic		24cp
CEK90702 Electives Select 24 credit points from the following options: Select 24 credit points from the following options: Sept 25 credit points from the following options: Sept 26 credit points from the following options: Sept 27 credit points from the following options: Sept 26 credit points from the following options: Sept 27 credit points from the fo							10111	Zicp
Select 2d re-edit points from the following options	51 v 1j07052	1 Moriginal Studies	Tota	1 24cp	CBK907	03 Electives		
Select 24 credit points from the following options: Sep				-1	Select 12	credit points from the following options:		12cp
Salii	CBK907	02 Electives			49989	Operations Engineering		
Septile Reporting with Sound and Image Septile Reporting and Editing for Print and Online Journalism February 19	Select 24	credit points from the following options:		24cp			Total	12cp
Select 24 croefit points from the following options: Journalism Sep Sep Journalism Sep Journalism Internship Journalism					CBKON7	0/ Journalism elective		
Journalism			8cp					2400
September Principles of Public Relations Sep September Principles of Advertising September	36112		8cn				8cn	24cp
Septilization	58116						оср	
Salis							8cp	
Separate								
September Sept								
Saliza Society Economy and Globalisation Sep 57180 Editing and Design Sep								
September Sept								
September Sept								
58125 Creative Information Design 8cp 57152 Investigative Research in the Digital 58126 Information Cultures 8cp 57155 Online Journalism 8cp 58127 Strategic Public Relations 8cp 57156 Radio Journalism 8cp 58129 Advertising Campaign Practice 8cp 57158 Television and Video Journalism 8cp 58222 Global Politics from Above and Below 8cp 57161 Investigative Journalism 8cp 58223 Social Bodies 8cp 8cp 10tal 24cp 8cp 58224 Australian Pasts and Places 8cp 10th 10th 10th 10th 10th 10th 10th 10th							_	
Separation Sep							1	
Separate								
S8129 Advertising Campaign Practice 8cp 57158 Television and Video Journalism 8cp 57162 [Jobal Politics from Above and Below 8cp 57161 Investigative Journalism 8cp 57162] [Jobal Politics from Above and Below 8cp 57161 Investigative Journalism 8cp 57162] [Jobal Politics from Above and Below 8cp 57162] [Jobal Politics from Above and Below 8cp 57163 Investigative Journalism 8cp 57163] [Jobal Politics from Above and Below 8cp 57164] [Jobal Politics from Above an		Information Cultures	8cp					
Segressive Seg			8cp					
S8224 Australian Pasts and Places 8cp CBK90706 Generalist Marketing choice S8224 Introduction to Film Studies 8cp Select 24 credit points from the following options: 24cp S8225 Introduction to Film Studies 8cp Select 24 credit points from the following options: 24cp S8226 Media, Mediaditon, Power 8cp 24707 Strategic Services Marketing 6cp S8226 Climate Change Politics and Ecology 8cp 24707 Strategic Business Marketing 6cp S8228 Climate Change Politics and Ecology 8cp 24713 Marketing Channel Management 6cp S8316 Sex, Race and Empire 8cp 24736 Marketing Communications 6cp S8317 Transnational Media 8cp 24736 Marketing Communications 6cp S8318 Gender, Culture, Power 8cp 24736 Marketing Communications 6cp S8319 Rights and Territories 8cp 24750 Marketing Analytics 6cp S8319 Rights and Territories 8cp 24757 Research Methodology and Data Analysis 7cols 8cp 24758 Research Methodology and Data Analysis 7cols 8cp 24759 Research Design and Data Collection Tools 8cp 24759 Research Design and Data Collection Tools 8cp 24750 Pricing and Revenue Management 6cp 7cols 8cp 24750 Research Design and Data Collection Tools 8cp 24750 Pricing and Revenue Management 8cp 24750 Research Design and Data Collection Tools 8cp 24750 Pricing and Revenue Management 8cp 24750 Research Design and Data Collection Tools 8cp 24750 Pricing and Revenue Management 8cp 24750 Research Design and Data Collection Tools 8cp 24750 Research Design and Collection Tools 8cp 24750 Research Design and Collection Tools 8cp 24750 Research Design Acuter 9cp 24750 Research Design Acuter 9cp 24750 Research Design Acuter 9cp 24750 Research Design Processional Learning 6cp 9cp 24750 Research Design Research Design 9cp 24750 Research Design Processional Learning a			8cp				_	
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97502 Spanish Language and Culture 2 8cp 013136 Developing People and Teams 6cp 50251 Genocide Studies 8cp 013137 Educational Leadership 6cp 50001 Online Documentary 8cp 013146 Using Film for Critical Pedagogy 6cp 976111 Contemporary China 8cp 013160 Professional Learning and Practice 6cp 976211 Contemporary Japan 8cp 013162 Organisational Learning 6cp 976404 Contemporary Switzerland 8cp 013165 Leading Learning in the Workplace 6cp 976411 Contemporary France 8cp 013166 Education in Policy Contexts 6cp 976421 Contemporary Germany 8cp 013167 Contemporary Work and Learning 6cp 976431 Contemporary Idaly 8cp 013168 Adult Education: Past, Present, Future 6cp								
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976211 Contemporary Japan 8cp 013162 Organisational Learning 6cp 976404 Contemporary Switzerland 8cp 013165 Leading Learning in the Workplace 6cp 976411 Contemporary France 8cp 013166 Education in Policy Contexts 6cp 976421 Contemporary Germany 8cp 013167 Contemporary Work and Learning 6cp 976431 Contemporary Italy 8cp 013168 Adult Education: Past, Present, Future 6cp					013146		6ср	
976404 Contemporary Switzerland 8cp 013165 Leading Learning in the Workplace 6cp 976411 Contemporary France 8cp 013166 Education in Policy Contexts 6cp 976421 Contemporary Germany 8cp 013167 Contemporary Work and Learning 6cp 976431 Contemporary Italy 8cp 013168 Adult Education: Past, Present, Future 6cp								
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976431 Contemporary Italy 8cp 013168 Adult Education: Past, Present, Future 6cp		Contemporary Germany						
OFICAEL Continuous Con	976431	Contemporary Italy	8cp					
	976451	Contemporary Spain				,,		12cp

CBK907	'08 Electives major (OrgWrkplLrn)			77895	Interpretation and Validity of Patent	
	credit points from the following options:		12cp		Specifications	6ср
010040	Program Development and Evaluation in		-T	77893	Designs Law and Practice	6ср
	Indigenous Education and Development	6ср		78015	Global Aspects of Intellectual Property	6
010041	Research, Ethics and Indigenous Cultural	,		77903	Law Copyright Law	6ср 6ср
012007	Heritage	6cp		77740	Research Paper	6ср
013087 013090	Discourse Analysis e-Learning Design	6ср 6ср		78188	Intellectual Property Commercialisation	6ср
013090	e-Learning Design e-Learning Experiences 1	6ср		77905	Preparing for Intellectual Property Practice	6cp
013093	e-Learning Technologies	6ср		78186	Intellectual Property and Traditional	-
013095	Global Englishes	6cp			Knowledge	6cp
013104	Language and Power	6cp				Total 24cp
013112	Research Design	6ср		CBK907	13 Choice	
013120 013127	The Psychology of Adult Development Communication Management	6ср 6ср			credit points from the following options:	36ср
013127	Developing People and Teams	6ср		77898	Patent Law	6ср
013137	Educational Leadership	6cp		77889	Trade Marks Law	6cp
013146	Using Film for Critical Pedagogy	6ср		77894	Drafting of Patent Specifications	6ср
013161	Popular Education and Social Movements	6cp		77890	Trade Marks Practice	6ср
013163	New Media and Social Change	6ср		77891 77893	Patent Systems	6cp
013164	Narrative and Storymaking in Education and Change	6ср		78015	Designs Law and Practice Global Aspects of Intellectual Property	6ср
013165	Leading Learning in the Workplace	6ср		70010	Law	6ср
013166	Education in Policy Contexts	6cp		77903	Copyright Law	6cp
013168	Adult Education: Past, Present, Future	6cp		77740	Research Paper	6ср
		Total	12cp	78188	Intellectual Property Commercialisation	6ср
CDV007	(00 Floatives major (AdEd)			77905 77895	Preparing for Intellectual Property Practice	6ср
	'09 Electives major (AdEd)		10	77693	Interpretation and Validity of Patent Specifications	6ср
010040	credit points from the following options: Program Development and Evaluation in		12cp	78186	Intellectual Property and Traditional	оср
010040	Indigenous Education and Development	6ср			Knowledge	6ср
010041	Research, Ethics and Indigenous Cultural	ocp				Total 36cp
	Heritage	6ср		001/007	/O.Eleatine	
013087	Discourse Analysis	6ср			43 Electives	10
013090	e-Learning Design	6cp			credit points from the following options:	12cp
013091 013093	e-Learning Experiences 1 e-Learning Technologies	6cp		42900 42901	Sustainability and Information Systems Object-Relational Databases	6ср 6ср
013095	Global Englishes	6ср 6ср		42902	Interior Routing and High Availability	6ср
013104	Language and Power	6ср		42903	Multi Protocol Label Switching	6cp
013112	Research Design	6cp		42904	Cloud Computing and Software as a	-
013127	Communication Management	6cp		40001	Service	6ср
013136	Developing People and Teams	6cp		49001 49002	Judgment and Decision Making	6cp
013137 013146	Educational Leadership Using Film for Critical Pedagogy	6ср 6ср		49002	Managing Projects Economic Evaluation	6ср 6ср
013140	Professional Learning and Practice	6ср		49004	Systems Engineering for Managers	6cp
013161	Popular Education and Social Movements	6ср		49006	Risk Management in Engineering	6ср
013162	Organisational Learning	6ср		49013	Managing Information Technology in	_
013163	New Media and Social Change	6ср		40017	Engineering	6ср
013164	Narrative and Storymaking in Education	600		49016	Technology and Innovation	6cn
013165	and Change Leading Learning in the Workplace	6ср 6ср		49021	Management Evaluation of Infrastructure	6ср
013167	Contemporary Work and Learning	6ср		1,021	Investments	6ср
	1 7		12cp	49022	Energy Resources and Technology	6ср
				49023	Energy and Environmental Economics	6ср
	11 Choice			49024	Energy Modelling	6ср
	credit points from the following options:	,	48cp	49025 49026	Methods for Energy Analysis Electricity Sector Planning and	6ср
77898 77889	Patent Law Trade Marks Law	6ср 6ср		17020	Restructuring	6ср
77894	Drafting of Patent Specifications	6ср		49027	Energy Demand Analysis and Forecasting	6cp
77890	Trade Marks Practice	6ср		49028	Policy and Planning of Energy	1
77891	Patent Systems	6cp		40000	Conservation	6ср
77895	Interpretation and Validity of Patent	-		49029	Environmental Policy for Energy Systems	6cp
77000	Specifications Decimal Provides	6ср		49047 49048	Finite Element Analysis Wireless Networking Technologies	6ср 6ср
77893 78015	Designs Law and Practice	6ср		49049	Air and Noise Pollution	6cp
76013	Global Aspects of Intellectual Property Law	6ср		49069	Leadership and Responsibility	6cp
77903	Copyright Law	6ср		49098	Engineering Financial Control	6ср
77740	Research Paper	6cp		49099	GSM, GPRS and EDGE Technologies	6ср
78188	Intellectual Property Commercialisation	6ср		49102	Traffic and Transportation	6ср
77905	Preparing for Intellectual Property Practice	6ср		49105	Water Supply and Wastewater Management	6ср
78186	Intellectual Property and Traditional	600		49106	Road Engineering Practice	6ср 6ср
	Knowledge	6cp Total	48cp	49107	Urban Stormwater Design	6cp
		100	Тоср	49108	Local Government Powers and Practice	6cp
CBK907	12 Choice			49109	Engineered Natural Water Treatment	
	credit points from the following options:		24cp	/Q110	Systems 3C Mobile Communication Systems	6cp
77898	Patent Law	6cp		49110 49115	3G Mobile Communication Systems Facade Engineering	6ср 6ср
77889	Trade Marks Law	6cp		49116	Contaminated Site and Waste Remediation	6ср
77894 77890	Drafting of Patent Specifications Trade Marks Practice	6cp		49117	Floodplain Risk Management in NSW	6cp
77890 77891	Patent Systems	6ср 6ср		49118	Applied Geotechnics	6cp
	,	-1				

49119	Problematic Soils and Ground		CBK9074	44 Electives		
	Improvement Techniques	6ср	Select 16 o	credit points from the following options:		16ср
49121	Environmental Assessment and Planning	6ср	57028	Research for Communication Professionals	8ср	
49122	Ecology and Sustainability	6ср	57026	Strategic Communication and Negotiation	8cp	
49123	Waste and Pollution Management	6cp	57035	Organisational Change and	_	
49124	Water Quality Management	6cp		Communication	8cp	
49125	Environmental Risk Assessment	6cp	57131	Inventive Media Advertising	8cp	
49126 49127	Environmental Management of Land	6cp	57132	Media Relations	8cp	
49127	On-site Water and Wastewater Treatment Bridge Design	6ср 6ср	57995	Learning in Organisations	8cp	116
49132	Stability of Structures	6cp			Iotal	l 16cp
49133	Steel and Composite Design	6ср	CBKONT	45 200/300-level disciplinary choice		
49134	Structural Dynamics and Earthquake	· · · r				0
	Engineering	6ср		redit points from the following options:	0 am	8cp
49135	Wind Engineering	6cp	58225 58323	Introduction to Film Studies Contemporary World Cinema	8cp	
49136	Application of Timber in Engineering	1	58120	Creativity and Culture	8ср 8ср	
	Structures	6ср	58320	Australian Fiction	8ср	
49150	Prestressed Concrete Design	6ср	58322	Screening the Past	8cp	
49151	Concrete Technology and Practice	6ср	58321	Australian Film	8cp	
49152	Rehabilitation of Concrete Structures	6ср	58217	Experiments in Culture	8cp	
49201	Integrated Services Networks	6ср				al 8cp
49202	Communication Protocols	6ср				I
49203	Telecommunications Signal Processing	6cp	CBK9074	46 Mobile Computing Network choice		
49205	Transmission Systems	6ср		ce of electives.		
49215	Telecommunications Industry	(
10222	Management Satallita Communication Systems	6cp	CBK9074	47 Internetworking choice		
49223 49225	Satellite Communication Systems Software Project Management	6cp		redit points from the following options:		6ср
49227	Wireless Sensor Networks	6ср 6ср	32702	Contemporary Telecommunications	6ср	I
49238	Telecommunication Networks	оср	32521	WANS and VLANS	6cp	
17250	Management	6ср	32001	Mobile Commerce Technologies	6cp	
49247	Object-oriented Technology	6ср	32144	Technology Research Preparation	6cp	
49249	Telecommunications Engineering Review	6cp			Tota	al 6cp
49254	Advanced Soil Mechanics and Foundation	1				
	Design	6ср	CBK907	50 Elective choice		
49255	Catchment Modelling	6cp	Select 6 cr	redit points from the following options:		6ср
49256	Flood Estimation	6cp	89202	3D Digital Animation 1	6ср	
49257	Geographic Information Systems	6ср	89203	3D Digital Animation 2	6ср	
49258	Pavement Analysis and Design	6ср	89204	2D Digital Animation	6ср	
49261	Biomedical Instrumentation	6ср			Tota	al 6cp
49262	Web Technologies	6ср	001/005	(
49263	Software Analysis and Design	6cp		66 Electives (Tourism)		
49274	Advanced Robotics	6cp		credit points from the following options:		12cp
49275	Neural Networks and Fuzzy Logic	6cp	27346	Tour Operator and Wholesaling		
49285	Emergency Management	6cp	07047	Management	6cp	
49286 49306	Vehicle Design	6ср	27347	Hotel Management	6ср	
49300	Quality and Operations Management Systems	6cn	27646	Tourist Attractions Management	6cp	
49307	Internal Combustion Engines	6ср 6ср	27647 27649	Airlines and Transportation Management	6cp	
49309	Quality Planning and Analysis	6cp	27703	Ecotourism Planning and Management Event Management	6cp	
49312	Advanced Flow Modelling	6cp	27703	Event Management	6cp Total	l 12cp
49316	Materials Handling	6cp			1000	12cp
49321	Energy Conversion	6ср	CBK9076	67 Electives		
49322	Airconditioning	6cp		ce of electives.		
49323	Vibration Analysis	6cp	Tice choic	ee of electives.		
49325	Computer-aided Mechanical Design	6ср	CBK907	68 Options		
49328	Turbomachines	6ср		credit points from the following options:		42cp
49329	Control of Mechatronic Systems	6ср	32039	Recent Advances in Software Engineering	6ср	12-ср
49330	Sensors and Signal Processing	6ср	32106	Agile Method Engineering	6ср	
49655	Integrated Logistic Support	6ср	32133	e-Market Trading Technology	6ср	
49678	Reliability Availability and Maintainability	6ср	32145	Commercial Environment of IT	6cp	
49680	Value Chain Engineering Systems	6cp	32148	Enterprise Computing	6cp	
49701	Gas Sector Planning	6ср	32510	Principles of Object-oriented		
49702	Gas Distribution Technology and	(Programming in C++	6ср	
49703	Management	6cp	32530	Building Intelligent Agents	6ср	
49703	Selected Topics (Energy Pricing) Regulatory Economics	6cp	32531	Global Information Systems	6ср	
49928	Design Optimisation for Manufacturing	6cp	32535	Database in Distributed Environments	6ср	
49989	Operations Engineering	6ср 6ср	32536	Advanced Software Modelling	6cp	
32555	Fundamentals of Software Development	6cp	32550	Advances in Requirements Engineering	6cp	
32603	Systems Quality Management	6cp	32601	Advanced Project Management	6cp	
32570	Enterprise Software Architecture and	r	32931	Technology Research Methods	6cp	
-	Middleware	6ср	32933	Research Project	6cp	
42001	Bioinformatics	6ср	32934 32990	Research Project	12cp	
		Total 12cp	32990	IT Contracts and Outsourcing Strategic Information Technology	6ср	
		=	32007	Investment	6ср	
						l 42cp
						1

CDV007	(O Ontion -			CD1/007	75 Maior abaica		
	69 Options		10		75 Major choice		100
32039	credit points from the following options: Recent Advances in Software Engineering	6an	18cp		3 credit points from the following options: 8 Mathematics	108ср	108cp
32106	Agile Method Engineering	6ср 6ср			9 Visual Arts	108cp	
32133	e-Market Trading Technology	6ср			0 Personal Development, Health and	тооср	
32145	Commercial Environment of IT	6ср		1,111,07.00	Physical Education	108cp	
32148	Enterprise Computing	6cp		MAJ0706	_ 2	108cp	
32510	Principles of Object-oriented	•		MAJ0706	2 Languages other than English	108cp	
	Programming in C++	6ср		MAJ0706		108cp	
32530	Building Intelligent Agents	6ср			4 Mathematics/Science	108cp	
32531	Global Information Systems	6cp			5 Science/Computing Studies	108cp	
32535	Database in Distributed Environments	6cp			6 Mathematics/Computing Studies	108cp	
32536 32550	Advanced Software Modelling Advances in Requirements Engineering	6cp			8 English/History	108cp	
32990	IT Contracts and Outsourcing	6ср 6ср		MAJ0700	9 Geography/Commerce, Business Studies and Economics	108cp	
32770	Tr Contracts and Outsourchig		18cp	MAI0707	0 Commerce, Business Studies and	тооср	
			r		Economics	108cp	
CBK907	70 Options			MAJ0707	1 History/Geography	108cp	
Select 12	credit points from the following options:		12cp	MAJ0707	3 Computing Studies	108cp	
32007	Strategic Information Technology		1	MAJ0707	4 Commerce, Business Studies and		
	Investment	6ср			Economics/Computing Studies	108cp	
32208	Information Systems Strategy	6ср				Total	108cp
32601	Advanced Project Management	6ср		CDKOOT	77 Ontions		
		Tota	12cp		77 Options		10
CBKOUZ	71 Electives			013975	credit points from the following options:		12cp
			10 cm	013973	Designing and Developing Simulations and Games	6ср	
32005	credit points from the following options: Strategic Leadership for Innovation	6cn	18cp	013082	Aboriginal Social and Political History	6ср	
32007	Strategic Information Technology	6ср		013118	Teaching and Learning Literacy	6ср	
32007	Investment	6ср		013102	Introduction to Language	6cp	
32145	Commercial Environment of IT	6ср		013971	Teaching and Learning Numeracy	6cp	
32148	Enterprise Computing	6ср		013958	Language Teaching Methodology	6ср	
32208	Information Systems Strategy	6cp		013124	Work and People	6ср	
32531	Global Information Systems	6ср		013979	Organisational Learning and Change:		
32601	Advanced Project Management	6ср		012072	Local and Global	6cp	
32902	Recent Advances in Information Systems	6ср		013963	Cultural Diversity at Work	6cp	
32990	IT Contracts and Outsourcing	6cp	10	013966 013967	e-Learning Experiences e-Learning Design	6ср 6ср	
		iota	18cp	013976	Strategic Human Resource Development	6ср	
CBK907	72 Games Development options			013960	Individual Communication in the	оср	
	credit points from the following options:		18cp		Workplace	6ср	
31005	Data Mining Algorithms	6ср	тоср	013961	Team Communication in the Workplace	6ср	
31080	Digital Multimedia	6ср		013972	Organisational Learning	6ср	
31096	Managing Client/Vendor Relations	6cp		013099	Individualised Project 1	6ср	
31097	IT Operations Management	6cp		013110	Programming and Assessment in Language		
31100	Enterprise Development with .NET	6ср		010151	Literacy and Numeracy	6ср	
31335	Extreme Programming	6ср		013151 013149	Project Management The Language Literacy and Numeracy	6ср	
31735	Information Systems and Organisation			013149	The Language Literacy and Numeracy Learner	6ср	
21777	Development	6cp		013088	Educational Management	6ср	
31777 31927	Human-Computer Interaction	6cp		013097	Human Resource Development in	ocp	
31950	Application Development with .NET Networked Enterprise Design	6ср 6ср			Organisations	6ср	
31730	Networked Enterprise Design		18cp	013978	Research and Inquiry	6ср	
		1000	тоср	013982	Aboriginal Cultures	6ср	
CBK907	73 Design Expertise electives			013974	The Psychology of Adult Learning	6ср	
Select 24	credit points from the following options:		24cp	013980	Identity, Culture and Communication	6ср	
11401	Digital Master Class A	6ср	1	013152	Individual Difference and Vocational	(
11403	Digital Master Class B	6ср		013973	Education Teaching	6ср 6ср	
11400	Digital Theory	6ср		013973	Adult Education Policy in Context		al 12cp
89204	2D Digital Animation	6ср				100	л 12ср
89202	3D Digital Animation 1	6cp		CBK907	78 Year 2 (Design Studies)		
89200	Graphic Visualisation	6cp			redit points from the following options:		6ср
89201 89203	Animation Genres Seminar	6cp		85506	Design Differences: Intercultural Asia	6ср	ocp
15312	3D Digital Animation 2 Communication and Critical Thinking	6ср 6ср		85601	Design Interventions: Business Innovation		
88952	Design Project Specialisation	6ср		85504	Design Futures: Sustainable Lifestyles	6cp	
15315	Project Management Principles	6ср		85500	Design Futures: Creative Technologies	6cp	
88951	Future Design Strategies	6ср				То	tal 6cp
15330	Program Management	6cp		CDIZOG	70 Veen / (Desire Chiefie -)		
15325	Value Management, Negotiation and	•			79 Year 4 (Design Studies)		,
	Conflict Management	6cp			redit points from the following options:		6ср
15327	Managing Project Complexity	6cp		85602	Interdisciplinary Design Lab:	Far	
15314	Project Implementation	6cp	04	85603	Undergraduate Interdisciplinary Design Experience:	6ср	
		iota	24cp	05005	Interdisciplinary Design Experience: Undergraduate	6ср	
				85605	Design Differences: Community Identities		
				85505	Design Interventions: Making Theories	6ср	
							tal 6cp

CBK9078	80 Recognition of prior learning TAFE			31264	Introduction to Computer Graphics	6ср	
	e of electives.			31268	Web Systems	6ср	
				31274	Network Management	6ср	
	31 Major choice (Information Technolog	y)		31275 31276	Mobile Networking Networked Enterprise Architecture	6cp	
	redit points from the following options:		48cp	31277	Routing and Internetworks	6ср 6ср	
MAJUZUOU	Business Information Systems Management	48cp		31283	WANs and Virtual LANs	6ср	
MAJ03444	Enterprise Systems Development	48cp		31284	Web Services Development	6cp	
	Internetworking and Applications	48cp		31285	Mobile Applications Development	6cp Tota	112ср
MAJ02081	Data Analytics	48cp	48cp			1010	1 1 2 0p
		Total	10СР		36 Electives		
	32 Major/Two sub-majors/Electives				credit points from the following options:	600	24cp
	credit points from the following options:		48cp	31080 31097	Digital Multimedia IT Operations Management	6ср 6ср	
MAJ02080) Business Information Systems Management	48cp		31335	Extreme Programming	6cp	
MAJ02081	Data Analytics	48cp		31748	Programming on the Internet	6cp	
	Enterprise Systems Development	48cp		31777 31338	Human-Computer Interaction Network Servers	6ср 6ср	
	5 Internetworking and Applications Business Information Systems	48cp		31927	Application Development with .NET	6ср	
3111102004	Management Systems	24cp		31100	Enterprise Development with .NET	6ср	
	Data Analytics	24cp		31005 31241	Data Mining Algorithms 3D Computer Animation	6cp	
	Computer Graphics and Animation	24cp		31241	Advanced Internet Programming	6ср 6ср	
SMI03036	Enterprise Systems Development Internetworking and Applications	24cp 24cp		31245	Business Process and IT Strategy	6cp	
SMJ08157	Business Accounting	24cp		31246	Network Design	6cp	
	Introductory Economics	24cp		31247 31249	Collaborative Business Processes Computer Graphics Rendering Techniques	6ср 6ср	
	Employment Relations International Management	24cp 24cp		31250	Introduction to Data Analytics	6ср	
	Electronics and Computer Interfacing	24cp		31251	Data Structures and Algorithms	6ср	
SMJ01012	Physics	24cp		31252 31254	Network Security e-Commerce	6cp	
	Statistical Modelling	24cp		31254	Image Processing and Pattern Recognition	6cp 6cp	
	Scientific Computing International Studies	24cp 24cp		31257	Information System Development	I	
SMJ09035	Language other than English	24cp		21250	Methodologies	6ср	
	Specialist Country Studies	24cp		31258	Innovations for Global Relationship Management	6ср	
	Accounting for Small Business Advertising Principles	24cp 24cp		31259	Intelligent Agents	6ср	
	Marketing Principles	24cp		31261	Internetworking Project	6ср	
SMJ08196	Innovation	24cp		31262 31263	Introduction to Computer Game Design Introduction to Computer Game	6ср	
	3 Electives	24cp		31203	Programming	6ср	
	Electives Quantitative Management	24cp 24cp		31264	Introduction to Computer Graphics	6cp	
0111101020	Quantitudive Management	Total	48ср	31268	Web Systems	6cp	
001/007/	OO Election			31274 31275	Network Management Mobile Networking	6ср 6ср	
	33 Electives e of electives.			31276	Networked Enterprise Architecture	6cp	
riee choic	e of electives.			31277	Routing and Internetworks	6cp	
CBK9078	34 Electives			31283 31284	WANs and Virtual LANs Web Services Development	6ср 6ср	
Free choic	e of electives.			31285	Mobile Applications Development	6ср	
CBK9078	85 Electives					Tota	1 24cp
	credit points from the following options:		12ср	CBK9078	37 Electives		
31080	Digital Multimedia	6ср	12cp		credit points from the following options:		24cp
31097	IT Operations Management	6cp		57989	Mise-en-Scene	8ср	r
31335 31748	Extreme Programming Programming on the Internet	6ср 6ср		57014	Feature Writing	8cp	
31777	Human-Computer Interaction	6ср		57031 57041	Non-fiction Writing Narrative Writing	8ср 8ср	
31338	Network Servers	6cp		57046	Professional Editing	8cp	
31927 31100	Application Development with .NET	6cp		57053	Book Publishing and Marketing	8cp	
31005	Enterprise Development with .NET Data Mining Algorithms	6ср 6ср		57101 57122	Advanced Screenwriting Short Fiction Workshop	8cp	
31241	3D Computer Animation	6cp		57124	Novel Writing	8ср 8ср	
31242	Advanced Internet Programming	6cp		57133	Writing Poetry	8cp	
31245 31246	Business Process and IT Strategy Network Design	6ср 6ср		57142	Writing for the Screen	8cp	
31247	Collaborative Business Processes	6ср		57144 57145	Popular Fiction Freelance Writing	8ср 8ср	
31249	Computer Graphics Rendering Techniques	6cp		07110	Trectance Withing		1 24cp
31250 31251	Introduction to Data Analytics Data Structures and Algorithms	6ср 6ср		001/005	20.0 1:		
31252	Network Security	6ср			38 Options		12 an
31254	e-Commerce	6ср		013975	credit points from the following options: Designing and Developing Simulations		12cp
31256 31257	Image Processing and Pattern Recognition Information System Development	6ср			and Games	6ср	
3123/	Information System Development Methodologies	6ср		013082	Aboriginal Social and Political History	6cp	
31258	Innovations for Global Relationship	· - F		013102 013960	Introduction to Language Individual Communication in the	6ср	
21250	Management	6cp			Workplace	6ср	
31259 31261	Intelligent Agents Internetworking Project	6ср 6ср		013961	Team Communication in the Workplace	6ср	
31262	Introduction to Computer Game Design	6ср		013972 013099	Organisational Learning Individualised Project 1	6ср 6ср	
31263	Introduction to Computer Game	•		013124	Work and People	6ср	
	Programming	6ср				•	

013977	Teaching and Learning in Practice	6ср		31266	Introduction to Information Systems	6ср	
013152	Individual Difference and Vocational	1		31268	Web Systems	6cp	
010102	Education Teaching	6an		31269	Business Requirements Modelling		
012140		6ср				6ср	
013149	The Language Literacy and Numeracy			31271	Database Fundamentals	6ср	
	Learner	6ср		70120	Legal Method and Research	6ср	
013151	Project Management	6ср		48023	Programming Fundamentals	6ср	
013979	Organisational Learning and Change:	•		48024	Applications Programming	6ср	
	Local and Global	6ср				Total 6	sen
012002						10tai 0	м
013982	Aboriginal Cultures	6cp		001/0050	00 Cla		
010140	Exchange Elective 1 (Education)	6ср			8 Sub-major/Electives		
010141	Exchange Elective 2 (Education)	6ср		Select 24 c	redit points from the following options:	24	1cp
013980	Identity, Culture and Communication	6ср			Electives (Science UG)	24cp	1
	J .	Total	12cp	SMJ10031		24cp	
			r				
CDKOOT	93 Stream choice				Statistics (Physical Sciences)	24cp	
				SMJ02054	Scientific Computing	24cp	
Select 48	credit points from the following options:		48cp	SMJ02056	Operations Theory and Management	24cp	
STM9021	0 Accounting stream	48cp				Total 24	1cp
	2 Management stream	48cp					1
	3 Marketing stream	48cp		CBK9079	9 Choice		
	8 Economics stream (Honours)					10	
		48cp			redit points from the following options:		2cp
S1M9079	9 Finance stream (Honours)	48cp		49001	Judgment and Decision Making	6ср	
		Total	48cp	49002	Managing Projects	6ср	
				49013	Managing Information Technology in	1	
CBK907	95 Electives				Engineering	6ср	
Soloct 24	credit points from the following options:		24cn		Engineering	Total 12	2cn
			24cp			10tai 12	2CP
15146	Sustainable Urban Development	6cp		001/0000	OF 1 (0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
15142	Introduction to Property and Planning	6ср		CBK9080	0 Electives/Sub-major (MAP)		
17700	Planning and Environmental Law	6ср		Select 48 c	redit points from the following options:	48	Вср
11400	Digital Theory	6ср		57011	Research and Reporting for Journalism	8ср	P
85509	Design Differences: Community Identities	6cp					
89200				57109	Film Animation	8cp	
	Graphic Visualisation	6cp		57008	Digital Libraries and Collections	8cp	
89301	Design Communication and Criticism	6ср		57142	Writing for the Screen	8cp	
89302	Practice Management and Leadership	6ср		57166	Documentary Production	8cp	
11361	Special Project (Theory)	6ср		57172	Advanced Moving Image	8cp	
11362	Special Project (Technology)	6ср		57173	Advanced Post Production	8cp	
11363	Special Project (Communications)	6cp		57175			
11364					Creative Producing	8cp	
	Special Project (Design)	6cp		57176	Directing	8cp	
11365	Special Project (Offshore)	6ср		57177	Media Arts and Production Minor Project	8ср	
11308	Reading and Writing Architectural			57178	Digital and Multiplatform Storytelling	8cp	
	Criticism	6ср		57179	Project Development and Creative Practice	8cp	
11312	Modern Western Aesthetics	6ср		57180	Media Arts and Production Major Project	16cp	
		1				100p	
11311						2400	
11311	Drawing to Diagrams: Topics in	6cn			Journalism	24cp	
	Architectural Theory	6ср		SMJ10044	Screenwriting	24cp	
11311 11316	Architectural Theory Architectural Communications:			SMJ10044 57061	Screenwriting Issues in Documentary		
11316	Architectural Theory Architectural Communications: Advanced Modelling Software	6ср 6ср		SMJ10044	Screenwriting	24cp	
	Architectural Theory Architectural Communications: Advanced Modelling Software	6ср		SMJ10044 57061	Screenwriting Issues in Documentary	24cp 8cp 8cp	Зср
11316	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal	6ср 6ср		SMJ10044 57061	Screenwriting Issues in Documentary	24cp 8cp	Вср
11316 15143 15145	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation	6ср		SMJ10044 57061 57183	Screenwriting Issues in Documentary Soundtrack	24cp 8cp 8cp	Вср
11316 15143	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings	6cp 6cp 6cp		SMJ10044 57061 57183 CBK9080	Screenwriting Issues in Documentary Soundtrack 1 Sub-major/Electives	24cp 8cp 8cp Total 48	1
11316 15143 15145	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation	6cp 6cp 6cp	24	SMJ10044 57061 57183 CBK9080 Select 24 c	Screenwriting Issues in Documentary Soundtrack 11 Sub-major/Electives redit points from the following options:	24cp 8cp 8cp Total 48	1
11316 15143 15145	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings	6cp 6cp 6cp	24cp	SMJ10044 57061 57183 CBK9080 Select 24 c	Screenwriting Issues in Documentary Soundtrack 1 Sub-major/Electives	24cp 8cp 8cp Total 48	Вср 1 ср
11316 15143 15145 11313	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard	6cp 6cp 6cp	24cp	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232	Screenwriting Issues in Documentary Soundtrack 11 Sub-major/Electives redit points from the following options: Electives (Science UG)	24cp 8cp 8cp Total 48	1
11316 15143 15145 11313	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings	6cp 6cp 6cp	24cp	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232	Screenwriting Issues in Documentary Soundtrack 11 Sub-major/Electives redit points from the following options:	24cp 8cp 8cp Total 48 24cp 24cp	lcp
11316 15143 15145 11313 CBK907	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard	6cp 6cp 6cp	-	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232	Screenwriting Issues in Documentary Soundtrack 11 Sub-major/Electives redit points from the following options: Electives (Science UG)	24cp 8cp 8cp Total 48	lcp
11316 15143 15145 11313 CBK907 Select 6 cc	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options:	6cp 6cp 6cp Total	24cp 6cp	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232 SMJ01048	Screenwriting Issues in Documentary Soundtrack 11 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences	24cp 8cp 8cp Total 48 24cp 24cp	lcp
11316 15143 15145 11313 CBK907 Select 6 cc 65111	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1	6cp 6cp 6cp Total	-	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232 SMJ01048	Screenwriting Issues in Documentary Soundtrack 11 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences 12 Choice	24cp 8cp 8cp Total 48 24 24cp 24cp Total 24	lcp lcp
11316 15143 15145 11313 CBK907 Select 6 cc 65111 68101	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics	6cp 6cp 6cp Total	-	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232 SMJ01048	Screenwriting Issues in Documentary Soundtrack 11 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences	24cp 8cp 8cp Total 48 24 24cp 24cp Total 24	lcp
11316 15143 15145 11313 CBK907 Select 6 cc 65111 68101 91161	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics	6cp 6cp 6cp Total	-	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232 SMJ01048	Screenwriting Issues in Documentary Soundtrack 11 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences 12 Choice	24cp 8cp 8cp Total 48 24 24cp 24cp Total 24	lcp lcp
11316 15143 15145 11313 CBK907' Select 6 ct 65111 68101 91161 91107	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere	6cp 6cp 6cp Total	-	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232 SMJ01048 CBK9080 Select 24 c 32516	Screenwriting Issues in Documentary Soundtrack 11 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences 12 Choice redit points from the following options: Internet Programming	24cp 8cp 8cp Total 48 24 24cp 24cp Total 24	lcp lcp
11316 15143 15145 11313 CBK907 Select 6 cc 65111 68101 91161 91107 21129	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations	6cp 6cp 6cp Total	-	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232 SMJ01048 CBK9080 Select 24 c 32516 32509	Screenwriting Issues in Documentary Soundtrack 11 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences 12 Choice redit points from the following options: Internet Programming Interaction Design	24cp 8cp 8cp Total 48 24 24cp 24cp Total 24	lcp lcp
11316 15143 15145 11313 CBK907' Select 6 ct 65111 68101 91161 91107	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations	6cp 6cp 6cp Total	-	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232 SMJ01048 CBK9080 Select 24 c 32516	Screenwriting Issues in Documentary Soundtrack 11 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences 12 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and	24cp 8cp 8cp Total 48 24 24cp 24cp Total 24 6cp 6cp	lcp lcp
11316 15143 15145 11313 CBK907 Select 6 cc 65111 68101 91161 91107 21129 22107	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A	6cp 6cp 6cp Total	-	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232 SMJ01048 CBK9080 Select 24 c 32516 32509 32525	Screenwriting Issues in Documentary Soundtrack 11 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences 12 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications	24cp 8cp 8cp Total 48 24 24cp 24cp Total 24 6cp 6cp	lcp lcp
11316 15143 15145 11313 CBK907 Select 6 cc 65111 68101 91161 91107 21129 22107 24108	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A Marketing Foundations	6cp 6cp 6cp Total	-	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232 SMJ01048 CBK9080 Select 24 c 32516 32509 32525 32549	Screenwriting Issues in Documentary Soundtrack 11 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences 12 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications Advanced Internet Programming	24cp 8cp 8cp Total 48 24 24cp 24cp Total 24 6cp 6cp 6cp	lcp lcp
11316 15143 15145 11313 CBK907 Select 6 co 65111 68101 91161 91107 21129 22107 24108 25300	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance	6cp 6cp 6cp Total	-	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232 SMJ01048 CBK9080 Select 24 c 32516 32509 32525 32549 32209	Screenwriting Issues in Documentary Soundtrack 11 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences 12 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications Advanced Internet Programming Advanced Topics in Computer Networks	24cp 8cp 8cp Total 48 24 24cp Total 24 6cp 6cp 6cp 6cp	lcp lcp
11316 15143 15145 11313 CBK907 Select 6 ct 65111 68101 91161 91107 21129 22107 24108 25300 31266	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance Introduction to Information Systems	6cp 6cp 6cp Total	-	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232 SMJ01048 CBK9080 Select 24 c 32516 32509 32525 32549	Screenwriting Issues in Documentary Soundtrack 11 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences 12 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications Advanced Internet Programming	24cp 8cp 8cp Total 48 24 24cp Total 24 6cp 6cp 6cp 6cp	lcp lcp
11316 15143 15145 11313 CBK907 Select 6 cc 65111 68101 91161 91107 21129 22107 24108 25300 31266 31268	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance Introduction to Information Systems Web Systems	6cp 6cp 6cp Total	-	SMJ10044 57061 57183 CBK9080 Select 24 oc CBK90232 SMJ01048 CBK9080 Select 24 oc 32516 32509 32525 32549 32209 32548	Screenwriting Issues in Documentary Soundtrack 11 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences 12 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications Advanced Internet Programming Advanced Topics in Computer Networks Network Security	24cp 8cp 8cp Total 48 24 24cp Total 24 6cp 6cp 6cp 6cp 6cp 6cp	lcp lcp
11316 15143 15145 11313 CBK907 Select 6 cc 65111 68101 91161 91107 21129 22107 24108 25300 31266 31268 31269	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance Introduction to Information Systems	6cp 6cp 6cp Total	-	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232 SMJ01048 CBK9080 Select 24 c 32516 32509 32525 32549 32209 32548 32558	Screenwriting Issues in Documentary Soundtrack 11 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences 12 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications Advanced Internet Programming Advanced Topics in Computer Networks Network Security Business Intelligence	24cp 8cp 8cp Total 48 24 24cp Total 24 6cp 6cp 6cp 6cp 6cp 6cp 6cp	lcp lcp
11316 15143 15145 11313 CBK907 Select 6 cc 65111 68101 91161 91107 21129 22107 24108 25300 31266 31268	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance Introduction to Information Systems Web Systems	6cp 6cp 6cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	-	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232 SMJ01048 CBK9080 Select 24 c 32516 32509 32525 32549 32209 32548 32558 32559	Screenwriting Issues in Documentary Soundtrack 11 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences 12 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications Advanced Internet Programming Advanced Topics in Computer Networks Network Security Business Intelligence Business Process Design	24cp 8cp 8cp Total 48 24 24cp Total 24 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	lcp lcp
11316 15143 15145 11313 CBK907' Select 6 cc 65111 68101 91161 91107 21129 22107 24108 25300 31266 31268 31269 31271	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance Introduction to Information Systems Web Systems Business Requirements Modelling Database Fundamentals	6cp 6cp 6cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	-	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232 SMJ01048 CBK9080 Select 24 c 32516 32509 32525 32549 32209 32548 32558 32559 32560	Screenwriting Issues in Documentary Soundtrack 11 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences 12 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications Advanced Internet Programming Advanced Topics in Computer Networks Network Security Business Intelligence Business Process Design IS Architecture - A Cloud Perspective	24cp 8cp 8cp Total 48 24 24cp 24cp Total 24 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	lcp lcp
11316 15143 15145 11313 CBK907' Select 6 cc 65111 68101 91161 91107 21129 22107 24108 25300 31266 31268 31269 31271 70120	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance Introduction to Information Systems Web Systems Business Requirements Modelling Database Fundamentals Legal Method and Research	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	-	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232 SMJ01048 CBK9080 Select 24 c 32516 32509 32525 32549 32209 32548 32558 32559 32560 32528	Screenwriting Issues in Documentary Soundtrack 11 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences 12 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications Advanced Internet Programming Advanced Topics in Computer Networks Network Security Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Network Management	24cp 8cp 8cp Total 48 24 24cp 24cp Total 24 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	lcp lcp
11316 15143 15145 11313 CBK907' Select 6 cc 65111 68101 91161 91107 21129 22107 24108 25300 31266 31268 31269 31271	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance Introduction to Information Systems Web Systems Business Requirements Modelling Database Fundamentals	6cp 6cp 6cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232 SMJ01048 CBK9080 Select 24 c 32516 32509 32525 32549 32209 32548 32558 32558 32559 32560 32528 32547	Screenwriting Issues in Documentary Soundtrack 11 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences 12 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications Advanced Internet Programming Advanced Topics in Computer Networks Network Security Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Network Management UNIX Systems Programming	24cp 8cp 8cp Total 48 24 24cp 24cp Total 24 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	lcp lcp
11316 15143 15145 11313 CBK907' Select 6 cc 65111 68101 91161 91107 21129 22107 24108 25300 31266 31268 31269 31271 70120	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance Introduction to Information Systems Web Systems Business Requirements Modelling Database Fundamentals Legal Method and Research	6cp 6cp 6cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	-	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232 SMJ01048 CBK9080 Select 24 c 32516 32509 32525 32549 32209 32548 32558 32559 32560 32528 32547 32521	Screenwriting Issues in Documentary Soundtrack P1 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences P2 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications Advanced Internet Programming Advanced Topics in Computer Networks Network Security Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Network Management UNIX Systems Programming WANS and VLANS	24cp 8cp 8cp Total 48 24 24cp 24cp Total 24 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	lcp lcp
11316 15143 15145 11313 CBK907 Select 6 cc 65111 68101 91161 91107 21129 22107 24108 25300 31266 31268 31269 31271 70120 48023	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance Introduction to Information Systems Web Systems Business Requirements Modelling Database Fundamentals Legal Method and Research Programming Fundamentals	6cp 6cp 6cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	SMJ10044 57061 57183 CBK9080 Select 24 c CBK9080 Select 24 c 32516 32509 32525 32549 32209 32548 32558 32559 32560 32528 32547 32521 95563	Screenwriting Issues in Documentary Soundtrack P1 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences P2 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications Advanced Internet Programming Advanced Topics in Computer Networks Network Security Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Network Management UNIX Systems Programming WANS and VLANS Digital Media Development Process	24cp 8cp 8cp Total 48 24 24cp Total 24 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	lcp lcp
11316 15143 15145 11313 CBK907 Select 6 cc 65111 68101 91161 91107 21129 22107 24108 25300 31266 31268 31269 31271 70120 48023 CBK907	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance Introduction to Information Systems Web Systems Business Requirements Modelling Database Fundamentals Legal Method and Research Programming Fundamentals	6cp 6cp 6cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232 SMJ01048 CBK9080 Select 24 c 32516 32509 32525 32549 32209 32548 32558 32559 32560 32528 32547 32521	Screenwriting Issues in Documentary Soundtrack P1 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences P2 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications Advanced Internet Programming Advanced Topics in Computer Networks Network Security Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Network Management UNIX Systems Programming WANS and VLANS	24cp 8cp 8cp Total 48 24 24cp Total 24 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	lcp lcp
11316 15143 15145 11313 CBK907 Select 6 cc 65111 68101 91161 91107 21129 22107 24108 25300 31266 31268 31269 31271 70120 48023 CBK907	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance Introduction to Information Systems Web Systems Business Requirements Modelling Database Fundamentals Legal Method and Research Programming Fundamentals	6cp 6cp 6cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6ср	SMJ10044 57061 57183 CBK9080 Select 24 oc CBK90232 SMJ01048 CBK9080 Select 24 oc 32516 32509 32525 32549 32209 32548 32558 32558 32560 32528 32547 32521 95563 95564	Screenwriting Issues in Documentary Soundtrack P1 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences P2 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications Advanced Internet Programming Advanced Topics in Computer Networks Network Security Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Network Management UNIX Systems Programming WANS and VLANS Digital Media Development Process Digital Media Technologies	24cp 8cp 8cp Total 48 24 24cp Total 24 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	lcp lcp
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11316 15143 15145 11313 CBK907' Select 6 cc 65111 68101 91161 91107 21129 22107 24108 25300 31266 31268 31269 31271 70120 48023 CBK907' Select 6 cc 65212 68041	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance Introduction to Information Systems Web Systems Business Requirements Modelling Database Fundamentals Legal Method and Research Programming Fundamentals 97 Foundation subject choice B redit points from the following options: Chemistry 2 Physical Aspects of Nature	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232 SMJ01048 CBK9080 Select 24 c 32516 32509 32525 32549 32209 32548 32558 32559 32560 32528 32547 32521 95563 95564 95566 95566	Screenwriting Issues in Documentary Soundtrack 11 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences 12 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications Advanced Internet Programming Advanced Topics in Computer Networks Network Security Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Network Management UNIX Systems Programming WANS and VLANS Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Media in Social Context	24cp 8cp 8cp Total 48 24 24cp 24cp Total 24 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	lcp lcp
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11316 15143 15145 11313 CBK907' Select 6 cc 65111 68101 91161 91107 21129 22107 24108 25300 31266 31268 31269 31271 70120 48023 CBK907' Select 6 cc 65212 68041 91400 91123	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance Introduction to Information Systems Web Systems Business Requirements Modelling Database Fundamentals Legal Method and Research Programming Fundamentals 97 Foundation subject choice B redit points from the following options: Chemistry 2 Physical Aspects of Nature Human Anatomy and Physiology Biocomplexity	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232 SMJ01048 CBK9080 Select 24 c 32516 32509 32525 32549 32209 32548 32558 32558 32559 32560 32528 32547 32521 95563 95564 95565 95566 95567 95568 32113	Screenwriting Issues in Documentary Soundtrack P1 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences P2 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications Advanced Internet Programming Advanced Topics in Computer Networks Network Security Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Network Management UNIX Systems Programming WANS and VLANS Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image Advanced Database	24cp 8cp 8cp 8cp Total 48 24 24cp 24cp Total 24 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	lcp lcp
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11316 15143 15145 11313 CBK907' Select 6 cc 65111 68101 91161 91107 21129 22107 24108 25300 31266 31268 31269 31271 70120 48023 CBK907' Select 6 cc 65212 68041 91400 91123	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance Introduction to Information Systems Web Systems Business Requirements Modelling Database Fundamentals Legal Method and Research Programming Fundamentals 97 Foundation subject choice B redit points from the following options: Chemistry 2 Physical Aspects of Nature Human Anatomy and Physiology Biocomplexity	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp	SMJ10044 57061 57183 CBK9080 Select 24 c CBK9080 Select 24 c 32516 32509 32525 32549 32209 32548 32559 32560 32528 32559 32560 32528 32547 32521 95563 95564 95565 95566 95567 95568 32113 32567	Screenwriting Issues in Documentary Soundtrack P1 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences P2 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications Advanced Internet Programming Advanced Topics in Computer Networks Network Security Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Network Management UNIX Systems Programming WANS and VLANS Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Sound and the Moving Image Advanced Database Business Intelligence for Decision Support	24cp 8cp 8cp 8cp Total 48 24 24cp 24cp Total 24 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	lcp lcp
11316 15143 15145 11313 CBK907 Select 6 cc 65111 68101 91161 91107 21129 22107 24108 25300 31266 31268 31269 31271 70120 48023 CBK907 Select 6 cc 65212 68041 91400 91123 68070 68201	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance Introduction to Information Systems Web Systems Business Requirements Modelling Database Fundamentals Legal Method and Research Programming Fundamentals 97 Foundation subject choice B redit points from the following options: Chemistry 2 Physical Aspects of Nature Human Anatomy and Physiology Biocomplexity Introduction to Materials Physics in Action	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp	SMJ10044 57061 57183 CBK9080 Select 24 c CBK90232 SMJ01048 CBK9080 Select 24 c 32516 32509 32525 32549 32209 32548 32558 32558 32559 32560 32528 32547 32521 95563 95564 95565 95566 95567 95568 32113	Screenwriting Issues in Documentary Soundtrack P1 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences P2 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications Advanced Internet Programming Advanced Topics in Computer Networks Network Security Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Network Management UNIX Systems Programming WANS and VLANS Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image Advanced Database Business Intelligence Modelling and	24cp 8cp 8cp 8cp Total 48 24 24cp 24cp Total 24 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	lcp lcp
11316 15143 15145 11313 CBK907 Select 6 cc 65111 68101 91161 91161 91107 21129 22107 24108 25300 31266 31268 31269 31271 70120 48023 CBK907 Select 6 cc 65212 68041 91400 91123 68070 68201 65242	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance Introduction to Information Systems Web Systems Business Requirements Modelling Database Fundamentals Legal Method and Research Programming Fundamentals 197 Foundation subject choice B 198 redit points from the following options: Chemistry 2 Physical Aspects of Nature Human Anatomy and Physiology Biocomplexity Introduction to Materials Physics in Action Principles of Forensic Science	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp	SMJ10044 57061 57183 CBK9080 Select 24 c CBK9080 Select 24 c 32516 32509 32525 32549 32209 32548 32559 32560 32528 32547 32521 95563 95564 95565 95566 95567 95568 32113 32567 32568	Screenwriting Issues in Documentary Soundtrack P1 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences P2 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications Advanced Internet Programming Advanced Topics in Computer Networks Network Security Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Network Management UNIX Systems Programming WANS and VLANS Digital Media Development Process Digital Media Technologies Digital Media Technologies Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and Analysis	24cp 8cp 8cp 8cp Total 48 24 24cp 24cp Total 24 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	lcp lcp
11316 15143 15145 11313 CBK907 Select 6 cc 65111 68101 91161 91107 21129 22107 24108 25300 31266 31268 31269 31271 70120 48023 CBK907 Select 6 cc 65212 68041 91400 91123 68070 68201 65242 21129	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance Introduction to Information Systems Web Systems Business Requirements Modelling Database Fundamentals Legal Method and Research Programming Fundamentals 97 Foundation subject choice B redit points from the following options: Chemistry 2 Physical Aspects of Nature Human Anatomy and Physiology Biocomplexity Introduction to Materials Physics in Action Principles of Forensic Science Managing People and Organisations	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp	SMJ10044 57061 57183 CBK9080 Select 24 oc CBK90232 SMJ01048 CBK9080 Select 24 oc 32516 32509 32525 32549 32209 32548 32558 32559 32560 32528 32547 32521 95563 95564 95565 95566 95567 95568 32113 32568 32569	Screenwriting Issues in Documentary Soundtrack P1 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences P2 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications Advanced Internet Programming Advanced Topics in Computer Networks Network Security Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Network Management UNIX Systems Programming WANS and VLANS Digital Media Development Process Digital Media Technologies Digital Media Technologies Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and Analysis Enterprise Business Requirements	24cp 8cp 8cp 8cp Total 48 24 24cp 24cp Total 24 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	lcp lcp
11316 15143 15145 11313 CBK907' Select 6 cc 65111 68101 91161 91107 21129 22107 24108 25300 31266 31268 31269 31271 70120 48023 CBK907' Select 6 cc 65212 68041 91400 91123 68070 68201 65242 21129 22107	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance Introduction to Information Systems Web Systems Business Requirements Modelling Database Fundamentals Legal Method and Research Programming Fundamentals 97 Foundation subject choice B redit points from the following options: Chemistry 2 Physical Aspects of Nature Human Anatomy and Physiology Biocomplexity Introduction to Materials Physics in Action Principles of Forensic Science Managing People and Organisations Accounting for Business Decisions A	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp	SMJ10044 57061 57183 CBK9080 Select 24 c CBK9080 Select 24 c 32516 32509 32525 32549 32209 32548 32559 32560 32528 32547 32521 95563 95564 95565 95566 95567 95568 32113 32567 32568	Screenwriting Issues in Documentary Soundtrack P1 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences P2 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications Advanced Internet Programming Advanced Topics in Computer Networks Network Security Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Network Management UNIX Systems Programming WANS and VLANS Digital Media Development Process Digital Media Technologies Digital Media Technologies Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and	24cp 8cp 8cp 8cp Total 48 24 24cp 24cp Total 24 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	lcp lcp
11316 15143 15145 11313 CBK907' Select 6 cc 65111 68101 91161 91107 21129 22107 24108 25300 31266 31268 31269 31271 70120 48023 CBK907' Select 6 cc 65212 68041 91400 91123 68070 68201 65242 21129 22107 24108	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance Introduction to Information Systems Web Systems Business Requirements Modelling Database Fundamentals Legal Method and Research Programming Fundamentals 97 Foundation subject choice B redit points from the following options: Chemistry 2 Physical Aspects of Nature Human Anatomy and Physiology Biocomplexity Introduction to Materials Physics in Action Principles of Forensic Science Managing People and Organisations Accounting for Business Decisions A Marketing Foundations	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp	SMJ10044 57061 57183 CBK9080 Select 24 oc CBK90232 SMJ01048 CBK9080 Select 24 oc 32516 32509 32525 32549 32209 32548 32558 32559 32560 32528 32547 32521 95563 95564 95565 95566 95567 95568 32113 32568 32569	Screenwriting Issues in Documentary Soundtrack 21 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences 22 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications Advanced Internet Programming Advanced Topics in Computer Networks Network Security Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Network Management UNIX Systems Programming WANS and VLANS Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware	24cp 8cp 8cp 8cp Total 48 24 24cp 24cp Total 24 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	lcp lcp
11316 15143 15145 11313 CBK907' Select 6 cc 65111 68101 91161 91107 21129 22107 24108 25300 31266 31268 31269 31271 70120 48023 CBK907' Select 6 cc 65212 68041 91400 91123 68070 68201 65242 21129 22107	Architectural Theory Architectural Communications: Advanced Modelling Software Group Project A: Urban Renewal Development Negotiation Exploring Space 1: from Simple Beginnings to Baudrillard 96 Foundation subject choice A redit points from the following options: Chemistry 1 Foundations of Physics Cell Biology and Genetics The Biosphere Managing People and Organisations Accounting for Business Decisions A Marketing Foundations Fundamentals of Business Finance Introduction to Information Systems Web Systems Business Requirements Modelling Database Fundamentals Legal Method and Research Programming Fundamentals 97 Foundation subject choice B redit points from the following options: Chemistry 2 Physical Aspects of Nature Human Anatomy and Physiology Biocomplexity Introduction to Materials Physics in Action Principles of Forensic Science Managing People and Organisations Accounting for Business Decisions A	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp	SMJ10044 57061 57183 CBK9080 Select 24 oc CBK90232 SMJ01048 CBK9080 Select 24 oc 32516 32509 32525 32549 32209 32548 32558 32559 32560 32528 32547 32521 95563 95564 95565 95566 95567 95568 32113 32568 32569	Screenwriting Issues in Documentary Soundtrack P1 Sub-major/Electives redit points from the following options: Electives (Science UG) Environmental Sciences P2 Choice redit points from the following options: Internet Programming Interaction Design Web Services Technologies and Applications Advanced Internet Programming Advanced Topics in Computer Networks Network Security Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Network Management UNIX Systems Programming WANS and VLANS Digital Media Development Process Digital Media Technologies Digital Media Technologies Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and	24cp 8cp 8cp 8cp Total 48 24 24cp 24cp Total 24 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	lcp lcp

32571						
	Enterprise Software Testing	6ср	32570	Enterprise Software Architecture and		
32513	Advanced Data Mining Algorithms	6cp		Middleware	6ср	
32530			22571			
	Building Intelligent Agents	6ср	32571	Enterprise Software Testing	6cp	
32003	Computer Game Design	6ср	32148	Enterprise Computing	6ср	
32004	Game Programming	6ср	32513	Advanced Data Mining Algorithms	6ср	
32501	Computer Graphics	6ср	32530	Building Intelligent Agents	6ср	
32543	3D Animation	6cp	32003	Computer Game Design	6cp	
				_ 1		
32544	Advanced Image Synthesis Techniques	6ср	32004	Game Programming	6ср	
32603	Systems Quality Management	6ср	32501	Computer Graphics	6ср	
32208	Information Systems Strategy	6cp	32543	3D Animation	6cp	
32990			32544			
	IT Contracts and Outsourcing	6ср		Advanced Image Synthesis Techniques	6cp	
32998	.NET Application Development	6ср	32603	Systems Quality Management	6ср	
32130	Fundamentals of Data Analytics	6ср	32208	Information Systems Strategy	6ср	
32039	Recent Advances in Software Engineering	6cp	32990	IT Contracts and Outsourcing	6cp	
32040		. *				
	Industry Project	6cp	32995	People Management for IT	6cp	
32120	Introduction to e-Business Technology	6ср	32998	.NET Application Development	6ср	
32531	Global Information Systems	6ср	32130	Fundamentals of Data Analytics	6ср	
32901	Recent Advances in Computer Systems	6cp	32039	Recent Advances in Software Engineering	6cp	
32902			32040			
	Recent Advances in Information Systems	6ср		Industry Project	6cp	
32995	People Management for IT	6ср	32120	Introduction to e-Business Technology	6ср	
32012	Internet Quality of Service (QoS)	6ср	32531	Global Information Systems	6cp	
32013	.NET Enterprise Development	6cp	32901	Recent Advances in Computer Systems	6cp	
		. *				
32027	Multimedia Systems Design	6cp	32902	Recent Advances in Information Systems	6ср	
32029	Interactive Arts	6ср	32012	Internet Quality of Service (QoS)	6ср	
32106	Agile Method Engineering	6ср	32013	.NET Enterprise Development	6ср	
32118	Mobile Communications and Computing	6cp	32027	Multimedia Systems Design	6cp	
32131			32029			
	Data Mining and Visualisation	6ср		Interactive Arts	6cp	
32133	e-Market Trading Technology	6ср	32106	Agile Method Engineering	6ср	
32145	Commercial Environment of IT	6ср	32118	Mobile Communications and Computing	6ср	
32146	Data Visualisation and Visual Analytics	6cp	32131	Data Mining and Visualisation	6cp	
32147		. *				
	Introduction to IT Management	6cp	32133	e-Market Trading Technology	6cp	
32210	Computer Vision and Image Processing	6ср	32145	Commercial Environment of IT	6ср	
32309	Digital Forensics	6ср	32146	Data Visualisation and Visual Analytics	6cp	
32405	User-Centred Design Methods	6cp	32147	Introduction to IT Management	6cp	
32510		оср	32210			
32310	Principles of Object-oriented			Computer Vision and Image Processing	6cp	
	Programming in C++	6ср	32309	Digital Forensics	6ср	
32523	Operating Systems for Network Security	6ср	32405	User-Centred Design Methods	6ср	
32527	Internetwork Design	6cp	32510	Principles of Object-oriented	1	
32535			02010	* / _	(
	Database in Distributed Environments	6ср		Programming in C++	6cp	
32536	Advanced Software Modelling	6ср	32521	WANS and VLANS	6ср	
32550	Advances in Requirements Engineering	6ср	32523	Operating Systems for Network Security	6ср	
32702	Contemporary Telecommunications	6cp	32527	Internetwork Design	6cp	
		. *				
32050	Programming with Patterns	6ср	32535	Database in Distributed Environments	6ср	
49016	Technology and Innovation		32536	Advanced Software Modelling	6ср	
	Management	6ср	32550	Advances in Requirements Engineering	6ср	
49306	Quality and Operations Management		32702	Contemporary Telecommunications	6ср	
17500		(
	Systems	6cp	32050	Programming with Patterns	6ср	
49048	Wireless Networking Technologies	6ср	49016	Technology and Innovation		
49099	GSM, GPRS and EDGE Technologies	6cp		Management	6cp	
49110	3G Mobile Communication Systems	6cp	49306	Quality and Operations Management	1	
	Sustainability and Information Systems		17000	- J 1	600	
42000		6ср	40040	Systems	6ср	
42900		6ср	49048	Wireless Networking Technologies		
42901	Object-Relational Databases	o e P			6ср	
	Object-Relational Databases	ocp.	49099	GSM, GPRS and EDGE Technologies	6ср 6ср	
42901	Object-Relational Databases Cloud Computing and Software as a		49099	GSM, GPRS and EDGE Technologies	6ср	
42901	Object-Relational Databases	6ср	49099 49110	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems	6cp 6cp	
42901	Object-Relational Databases Cloud Computing and Software as a		49099 49110 42900	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems	6ср	
42901 42904	Object-Relational Databases Cloud Computing and Software as a Service	6ср	49099 49110	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a	6cp 6cp	
42901 42904	Object-Relational Databases Cloud Computing and Software as a	6ср	49099 49110 42900	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems	6cp 6cp	
42901 42904 CBK908	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice	6cp Total 24cp	49099 49110 42900	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a	6cp 6cp 6cp	18ср
42901 42904 CBK908 Select 18	Object-Relational Databases Cloud Computing and Software as a Service 03 Choice credit points from the following options:	6cp Total 24cp	49099 49110 42900	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a	6cp 6cp 6cp	l 18cp
42901 42904 CBK908 Select 18 32209	Object-Relational Databases Cloud Computing and Software as a Service 03 Choice credit points from the following options: Advanced Topics in Computer Networks	6cp Total 24cp	49099 49110 42900 42904	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service	6cp 6cp 6cp	! 18cp
42901 42904 CBK908 Select 18 32209 32509	Object-Relational Databases Cloud Computing and Software as a Service 03 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design	6cp Total 24cp 18cp 6cp 6cp	49099 49110 42900 42904 CBK9080	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service	6cp 6cp 6cp 7otal	1
42901 42904 CBK908 Select 18 32209	Object-Relational Databases Cloud Computing and Software as a Service 03 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming	6cp Total 24cp	49099 49110 42900 42904 CBK9080	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service	6cp 6cp 6cp 7otal	1
CBK908 Select 18 32209 32509 32516	Object-Relational Databases Cloud Computing and Software as a Service 03 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming	6cp Total 24cp 18cp 6cp 6cp	49099 49110 42900 42904 CBK9080 Select 36 of	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options:	6cp 6cp 6cp Total	l 18cp 36cp
42901 42904 CBK908 Select 18 32209 32509	Object-Relational Databases Cloud Computing and Software as a Service 03 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and	6cp Total 24cp 18cp 6cp 6cp 6cp	49099 49110 42900 42904 CBK908 0 Select 36 of 32001	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies	6cp 6cp 6cp Total	1
42901 42904 CBK908 Select 18 32209 32509 32516 32525	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications	6cp Total 24cp 18cp 6cp 6cp 6cp	49099 49110 42900 42904 CBK908 (Select 36 of 32001 32209	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks	6cp 6cp 6cp Total	1
42901 42904 CBK908 Select 18 32209 32509 32516 32525 32528	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications Network Management	6cp Total 24cp 18cp 6cp 6cp 6cp 6cp	49099 49110 42900 42904 CBK908 0 Select 36 of 32001 32209 32509	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design	6cp 6cp 6cp Total	1
42901 42904 CBK908 Select 18 32209 32509 32516 32525 32528 32547	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications	6cp Total 24cp 18cp 6cp 6cp 6cp	49099 49110 42900 42904 CBK908 (Select 36 of 32001 32209 32509 32516	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks	6cp 6cp 6cp Total	1
42901 42904 CBK908 Select 18 32209 32509 32516 32525 32528	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications Network Management UNIX Systems Programming	6cp Total 24cp 18cp 6cp 6cp 6cp 6cp 6cp	49099 49110 42900 42904 CBK908 0 Select 36 of 32001 32209 32509	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming	6cp 6cp 6cp Total	1
42901 42904 CBK908 Select 18 32209 32509 32516 32525 32528 32547 32548	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security	6cp Total 24cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	49099 49110 42900 42904 CBK908 0 Select 36 of 32001 32209 32509 32516 32521	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS	6cp 6cp 6cp Total	1
42901 42904 CBK908 Select 18 32209 32509 32516 32525 32528 32547 32548 32549	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming	6cp Total 24cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	49099 49110 42900 42904 CBK908 (Select 36 of 32001 32209 32509 32516	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and	6cp 6cp 6cp Total	1
42901 42904 CBK908 Select 18 32209 32509 32516 32525 32528 32547 32548 32549 32558	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence	6cp Total 24cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	49099 49110 42900 42904 CBK9080 Select 36 of 32001 32209 32509 32516 32521 32525	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications	6cp 6cp 6cp Total	1
42901 42904 CBK908 Select 18 32209 32509 32516 32525 32528 32547 32548 32549 32558 32559	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design	18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49099 49110 42900 42904 CBK9080 Select 36 of 32001 32209 32509 32516 32521 32525 32528	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management	6cp 6cp 6cp Total	1
42901 42904 CBK908 Select 18 32209 32509 32516 32525 32528 32547 32548 32549 32558	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence	18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49099 49110 42900 42904 CBK9080 Select 36 of 32001 32209 32509 32516 32521 32525 32528	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management	6cp 6cp 6cp Total	1
42901 42904 CBK908 Select 18 32209 32516 32525 32525 32528 32547 32548 32549 32558 32559 32560	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective	18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49099 49110 42900 42904 CBK908 (Select 36 of 32001 32209 32509 32516 32521 32525 32528 32547	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming	6cp 6cp 6cp Total	1
42901 42904 CBK908 Select 18 32209 32516 32525 32528 32547 32548 32549 32558 32559 32560 95563	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process	6cp Total 24cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49099 49110 42900 42904 CBK908 (Select 36 of 32001 32209 32509 32516 32521 32525 32528 32547 32548	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security	6cp 6cp 6cp Total 6cp 6cp 6cp 6cp 6cp 6cp	1
42901 42904 CBK908 Select 18 32209 32509 32516 32525 32528 32547 32548 32549 32558 32559 32560 95563 95564	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies	6cp Total 24cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49099 49110 42900 42904 CBK908 (Select 36 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming	6cp 6cp 6cp Total	1
42901 42904 CBK908 Select 18 32209 32509 32516 32525 32528 32547 32548 32549 32558 32559 32560 95563 95564 95565	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image	6cp Total 24cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49099 49110 42900 42904 CBK9080 Select 36 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	1
42901 42904 CBK908 Select 18 32209 32509 32516 32525 32528 32547 32548 32549 32558 32559 32560 95563 95564	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image	6cp Total 24cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49099 49110 42900 42904 CBK9080 Select 36 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	1
CBK908 Select 18 32209 32509 32516 32525 32528 32547 32548 32549 32558 32559 32560 95563 95564 95565	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design	6cp Total 24cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49099 49110 42900 42904 CBK908 (Select 36 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32559	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	•
CBK908 Select 18 32209 32509 32516 32525 32528 32547 32548 32549 32558 32559 32560 95563 95566 95566 95567	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice Credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Information and Interaction Design Digital Media in Social Context	6cp Total 24cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49099 49110 42900 42904 Select 36 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32548 32549 32558 32559 32560	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective	6cp 6cp 6cp 7 Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	•
42901 42904 CBK908 Select 18 32209 32509 32516 32525 32528 32547 32548 32549 32558 32559 32560 95563 95564 95565 95566 95567	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice Credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image	18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49099 49110 42900 42904 Select 36 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32559 32560 95563	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process	6cp 6cp 6cp 7 Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	•
42901 42904 CBK908 Select 18 32209 32509 32516 32525 32528 32547 32548 32549 32558 32559 32560 95563 95564 95565 95566 95567 95568 32113	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice Credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image Advanced Database	6cp Total 24cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49099 49110 42900 42904 Select 36 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32559 32560 95563 95564	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies	6cp 6cp 6cp 7 Total	1
42901 42904 CBK908 Select 18 32209 32509 32516 32525 32528 32547 32548 32549 32558 32559 32560 95563 95564 95565 95566 95567	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice Credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image Advanced Database	18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49099 49110 42900 42904 Select 36 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32559 32560 95563	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies	6cp 6cp 6cp 7 Total	1
42901 42904 CBK908 Select 18 32209 32509 32516 32525 32528 32547 32548 32549 32558 32560 95563 95564 95565 95566 95567 95568 32113 32567	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Sound and the Moving Image Advanced Database Business Intelligence for Decision Support	6cp Total 24cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49099 49110 42900 42904 Select 36 6 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32559 32560 95563 95564 95565	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	1
42901 42904 CBK908 Select 18 32209 32509 32516 32525 32528 32547 32548 32549 32558 32559 32560 95563 95564 95565 95566 95567 95568 32113	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Sound and the Moving Image Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and	6cp Total 24cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49099 49110 42900 42904 CBK9080 Select 36 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32559 32560 95563 95564 95565 95566	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	1
42901 42904 Select 18 32209 32516 32525 32528 32547 32548 32549 32558 32559 32560 95563 95564 95565 95566 95567 95568 32113 32567 32568	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Sound and the Moving Image Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and Analysis	6cp Total 24cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49099 49110 42900 42904 CBK9086 Select 36 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32560 95563 95564 95565 95566 95567	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and Interaction Design Digital Media in Social Context	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	1
42901 42904 CBK908 Select 18 32209 32509 32516 32525 32528 32547 32548 32549 32558 32560 95563 95564 95565 95566 95567 95568 32113 32567	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Sound and the Moving Image Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and	6cp Total 24cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49099 49110 42900 42904 CBK9080 Select 36 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32559 32560 95563 95566 95566 95566 95567 95568	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	1
42901 42904 Select 18 32209 32516 32525 32528 32547 32548 32549 32558 32559 32560 95563 95564 95565 95566 95567 95568 32113 32567 32568	Object-Relational Databases Cloud Computing and Software as a Service O3 Choice credit points from the following options: Advanced Topics in Computer Networks Interaction Design Internet Programming Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Sound and the Moving Image Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and Analysis	6cp Total 24cp 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	49099 49110 42900 42904 CBK9086 Select 36 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32560 95563 95564 95565 95566 95567	GSM, GPRS and EDGE Technologies 3G Mobile Communication Systems Sustainability and Information Systems Cloud Computing and Software as a Service O4 Choice Credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and Interaction Design Digital Media in Social Context	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	1

32934					
	Research Project	12cp	32544	Advanced Image Synthesis Techniques	6ср
32113	Advanced Database	6ср	32603	Systems Quality Management	6ср
		. *			
32567	Business Intelligence for Decision Support	6ср	32541	Project Management	6ср
32568	Business Intelligence Modelling and		32208	Information Systems Strategy	6ср
	Analysis	6ср	32990	IT Contracts and Outsourcing	6ср
32569	Enterprise Business Requirements	6ср	32995	People Management for IT	6ср
32570	Enterprise Software Architecture and	· · · · · ·	32998	.NET Application Development	6cp
32370		C			
	Middleware	6ср	32130	Fundamentals of Data Analytics	6ср
32148	Enterprise Computing	6ср	32039	Recent Advances in Software Engineering	6ср
32571	Enterprise Software Testing	6ср	32040	Industry Project	6ср
32513	Advanced Data Mining Algorithms	6cp	32120	Introduction to e-Business Technology	6cp
32530	Building Intelligent Agents	. *	32510	Principles of Object-oriented	ocp
	Consider Const Design	6ср	32310		C
32003	Computer Game Design	6ср		Programming in C++	6ср
32004	Game Programming	6ср	32531	Global Information Systems	6ср
32501	Computer Graphics	6ср	32901	Recent Advances in Computer Systems	6ср
32543	3D Animation	6cp	32902	Recent Advances in Information Systems	6cp
32544	Advanced Image Synthesis Techniques	. *	32050		
		6cp		Programming with Patterns	6ср
32603	Systems Quality Management	6ср	49016	Technology and Innovation	
32541	Project Management	6ср		Management	6ср
32208	Information Systems Strategy	6ср	49306	Quality and Operations Management	
32990	IT Contracts and Outsourcing	6cp		Systems	6ср
32995	People Management for IT	6cp	49048	Wireless Networking Technologies	6cp
32998		. *			
	.NET Application Development	6ср	49099	GSM, GPRS and EDGE Technologies	6cp
32130	Fundamentals of Data Analytics	6ср	49110	3G Mobile Communication Systems	6ср
32039	Recent Advances in Software Engineering	6ср	42900	Sustainability and Information Systems	6ср
32040	Industry Project	6ср			Total 60cp
32120	Introduction to e-Business Technology	6cp			1
32510	Principles of Object-oriented	J-r	CBKousu	06 Electives (MAP)	
32310				•	
	Programming in C++	6ср	Select 24 c	redit points from the following options:	24cp
32531	Global Information Systems	6ср	CBK90834	Electives (MAP + MAP cross-disciplinary)	24cp
32901	Recent Advances in Computer Systems	6ср		Electives (MAP)	24cp
32902	Recent Advances in Information Systems	6ср	CDIC/0000	Licetives (With)	Total 24cp
32050		. *			10tai 24cp
	Programming with Patterns	6ср			
49016	Technology and Innovation		CBK9080	7 Electives	
	Management	6ср	Select 18 c	redit points from the following options:	18cp
49306	Quality and Operations Management		22708	Accounting Information Systems	6ср
	Systems	6ср			
49048	Wireless Networking Technologies	6cp	22766	Assurance for Enterprise Systems	6ср
		. *	22759	Accounting and ERP	6ср
49099	GSM, GPRS and EDGE Technologies	6ср	22777	International Accounting	6ср
49110	3G Mobile Communication Systems	6ср	25741	Capital Markets	6ср
42900	Sustainability and Information Systems	6ср	25765	Corporate Finance	6cp
	•	Total 36cp	22776		
		T		Business Information Systems	6ср
	OE Chaica		22783	Business Intelligence 2:	
CDROUG					
CBK9080				Advanced Planning	6ср
	credit points from the following options:	60ср	22787		
Select 60	credit points from the following options:	60cp	22787 22797	Business Project Management	6ср 6ср
Select 60 o 32001	credit points from the following options: Mobile Commerce Technologies	6ср	22787 22797	Business Project Management Business Intelligence 1:	6cp
Select 60 o 32001 32209	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks	6ср 6ср	22797	Business Project Management Business Intelligence 1: Advanced Analysis	6ср 6ср
Select 60 o 32001 32209 32509	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design	6cp 6cp 6cp		Business Project Management Business Intelligence 1:	6cp 6cp 6cp
Select 60 of 32001 32209 32509 32516	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming	6cp 6cp 6cp 6cp	22797	Business Project Management Business Intelligence 1: Advanced Analysis	6cp 6cp 6cp
Select 60 of 32001 32209 32509 32516 32521	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design	6cp 6cp 6cp	22797	Business Project Management Business Intelligence 1: Advanced Analysis	6ср 6ср
Select 60 of 32001 32209 32509 32516 32521	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS	6cp 6cp 6cp 6cp	22797 22782	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP	6cp 6cp 6cp
Select 60 of 32001 32209 32509 32516	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and	6cp 6cp 6cp 6cp	22797 22782 CBK9080	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 99 Elective (Medical Science)	6cp 6cp 6cp Total 18cp
Select 60 of 32001 32209 32509 32516 32521 32525	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications	6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cm	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 19 Elective (Medical Science) edit points from the following options:	6cp 6cp 6cp Total 18cp
Select 60 of 32001 32209 32509 32516 32521 32525	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management	6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 99 Elective (Medical Science)	6cp 6cp 6cp Total 18cp
Select 60 of 32001 32209 32509 32516 32521 32525 32528 32547	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming	6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cm	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 19 Elective (Medical Science) edit points from the following options:	6cp 6cp 6cp Total 18cp 6cp
Select 60 of 32001 32209 32509 32516 32521 32525 32528 32547 32548	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security	6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 99 Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology	6cp 6cp 6cp Total 18cp 6cp 6cp
Select 60 of 32001 32209 32509 32516 32521 32525 32528 32547	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91338	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 19 Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology	6cp 6cp 6cp Total 18cp 6cp 6cp 6cp
Select 60 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91338 91344	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 19 Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry	6cp 6cp 6cp Total 18cp 6cp 6cp 6cp 6cp
Select 60 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91338 91344 91335	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 19 Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2	6cp 6cp 6cp Total 18cp 6cp 6cp 6cp 6cp 6cp
Select 60 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32559	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91338 91344	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 19 Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry	6cp 6cp 6cp Total 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Select 60 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32559 32560	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91338 91344 91335	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 19 Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2	6cp 6cp 6cp Total 18cp 6cp 6cp 6cp 6cp 6cp
Select 60 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32558 32559 32560 95563	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91338 91344 91335	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 19 Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2	6cp 6cp 6cp Total 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Select 60 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32559 32560 95563 95564	Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91338 91344 91335 91403	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 19 Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging	6cp 6cp 6cp Total 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Select 60 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32559 32560 95563 95564 95565	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91338 91344 91335 91403 CBK9081	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 19 Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging 10 Electives A (Biomedical Science)	6cp 6cp 6cp Total 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 7otal 6cp
Select 60 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32559 32560 95563 95564 95565	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91338 91344 91335 91403 CBK9081 Select 12 cr	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 19 Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging 10 Electives A (Biomedical Science) predit points from the following options:	6cp 6cp 6cp Total 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 12cp
Select 60 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32559 32560 95563 95564 95566 95566	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91338 91344 91335 91403 CBK9081 Select 12 cr 91338	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 19 Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging 10 Electives A (Biomedical Science) tredit points from the following options: Clinical Bacteriology	6cp 6cp 6cp Total 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
Select 60 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32559 32560 95563 95564 95566 95567	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Media in Social Context	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91338 91344 91335 91403 CBK9081 Select 12 cr	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 19 Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging 10 Electives A (Biomedical Science) predit points from the following options:	6cp 6cp 6cp Total 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 12cp
Select 60 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32559 32560 95563 95566 95567 95568	Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91338 91344 91335 91403 CBK9081 Select 12 cr 91338	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP OP Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging O Electives A (Biomedical Science) rredit points from the following options: Clinical Bacteriology Advanced Haematology	6cp 6cp 6cp Total 18cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
Select 60 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32559 32560 95563 95564 95566 95567 95568 32933	Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image Research Project	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91338 91344 91335 91403 CBK9081 Select 12 cr 91338 91358 91344	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP OP Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging O Electives A (Biomedical Science) credit points from the following options: Clinical Bacteriology Advanced Haematology Medical and Diagnostic Biochemistry	6cp
Select 60 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32559 32560 95563 95566 95567 95568	Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91344 91335 91403 CBK9081 Select 12 cr 91338 91348 91358 91344 91335	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 19 Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging 10 Electives A (Biomedical Science) eredit points from the following options: Clinical Bacteriology Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2	6cp
Select 60 d 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32559 32560 95563 95564 95565 95566 95567 95568 32933	Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image Research Project	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91338 91344 91335 91403 CBK9081 Select 12 cr 91338 91358 91344	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP OP Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging O Electives A (Biomedical Science) credit points from the following options: Clinical Bacteriology Advanced Haematology Medical and Diagnostic Biochemistry	6cp
Select 60 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32560 95563 95566 95566 95567 95568 32933 32934 32113	Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Sound and the Moving Image Research Project Research Project Advanced Database	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91344 91335 91403 CBK9081 Select 12 cr 91338 91358 91344 91335	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 19 Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging 10 Electives A (Biomedical Science) eredit points from the following options: Clinical Bacteriology Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2	6cp
Select 60 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32559 32560 95563 95566 95566 95566 95566 32933 32934 32113 32567	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Sound and the Moving Image Research Project Research Project Advanced Database Business Intelligence for Decision Support	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91344 91335 91403 CBK9081 Select 12 cr 91338 91358 91344 91335 91359	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 19 Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging 10 Electives A (Biomedical Science) tredit points from the following options: Clinical Bacteriology Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Immunology	6cp
Select 60 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32560 95563 95566 95566 95567 95568 32933 32934 32113	mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image Research Project Research Project Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91344 91335 91403 CBK9081 Select 12 cr 91338 91358 91344 91335 91359	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 19 Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging 10 Electives A (Biomedical Science) eredit points from the following options: Clinical Bacteriology Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2	6cp
Select 60 d 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32559 32560 95563 95564 95565 95566 95567 95568 32933 32934 32113 32567 32568	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Sound and the Moving Image Research Project Research Project Research Project Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and Analysis	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cm 91359 91358 91338 91344 91335 91403 CBK9081 Select 12 cm 91338 91358 91344 91335 91359 CBK9081	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP OF Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging OF Electives A (Biomedical Science) redit points from the following options: Clinical Bacteriology Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Immunology 1 Electives B (Biomedical Science)	6cp
Select 60 d 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32560 95563 95564 95565 95566 95567 95568 32933 32934 32113 32567 32568	mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Sound and the Moving Image Research Project Research Project Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and Analysis Enterprise Business Requirements	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91344 91335 91403 CBK9081 Select 12 cr 91338 91358 91344 91335 91359 CBK9081 Select 12 cr	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP OF Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging OF Electives A (Biomedical Science) redit points from the following options: Clinical Bacteriology Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Immunology In Electives B (Biomedical Science) Redit points from the following options:	6cp
Select 60 d 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32559 32560 95563 95564 95565 95566 95567 95568 32933 32934 32113 32567 32568	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Sound and the Moving Image Research Project Research Project Research Project Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and Analysis	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91344 91335 91403 CBK9081 Select 12 cr 91338 91344 91335 91359 CBK9081 Select 12 cr 91129	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP OP Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging O Electives A (Biomedical Science) redit points from the following options: Clinical Bacteriology Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Immunology 1 Electives B (Biomedical Science) redit points from the following options: Transfusion Science	6cp
Select 60 d 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32560 95563 95564 95565 95566 95567 95568 32933 32934 32113 32567 32568	mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Sound and the Moving Image Research Project Research Project Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and Analysis Enterprise Business Requirements	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cm 91359 91358 91338 91344 91335 91403 CBK9081 Select 12 cm 91338 91358 91344 91335 91359 CBK9081 Select 12 cm 91129 91352	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP OP Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging O Electives A (Biomedical Science) redit points from the following options: Clinical Bacteriology Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Immunology 1 Electives B (Biomedical Science) redit points from the following options: Transfusion Science Parasitology	6cp
Select 60 d 32001 32209 32509 32516 32521 32525 32528 32528 32547 32548 32549 32558 32559 32560 95563 95564 95566 95567 95568 32933 32934 32113 32567 32568	mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Sound and the Moving Image Research Project Research Project Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91338 91344 91335 91403 CBK9081 Select 12 cr 91338 91358 91344 91335 91359 CBK9081 Select 12 cr 91129 91352 91345	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP OP Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging O Electives A (Biomedical Science) redit points from the following options: Clinical Bacteriology Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Immunology 1 Electives B (Biomedical Science) redit points from the following options: Transfusion Science	6cp
Select 60 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 325560 95563 95564 95565 95566 95567 95568 32933 32934 32113 32567 32568 32570 32148	mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image Research Project Research Project Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cm 91359 91358 91338 91344 91335 91403 CBK9081 Select 12 cm 91338 91358 91344 91335 91359 CBK9081 Select 12 cm 91129 91352	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP OP Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging O Electives A (Biomedical Science) redit points from the following options: Clinical Bacteriology Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Immunology 1 Electives B (Biomedical Science) redit points from the following options: Transfusion Science Parasitology	6cp
Select 60 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32560 95563 95566 95566 95566 95567 92568 32933 32934 32113 32567 32568 32570 32148 32571	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image Research Project Research Project Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91338 91344 91335 91403 CBK9081 Select 12 cr 91338 91358 91344 91335 91359 CBK9081 Select 12 cr 91129 91352 91345	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP OP Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging O Electives A (Biomedical Science) redit points from the following options: Clinical Bacteriology Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Immunology 1 Electives B (Biomedical Science) redit points from the following options: Transfusion Science Parasitology Biochemistry, Genes and Disease	6cp
Select 60 of 32001 32209 32509 32516 32521 32525 32528 32547 32548 32559 32560 95563 95566 95566 95566 95567 95568 32933 32934 32113 32567 32568 32570 32148 32571 32513	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image Research Project Research Project Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91338 91344 91335 91403 CBK9081 Select 12 cr 91338 91358 91344 91335 91359 CBK9081 Select 12 cr 91129 91352 91345	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP OP Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging O Electives A (Biomedical Science) redit points from the following options: Clinical Bacteriology Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Immunology 1 Electives B (Biomedical Science) redit points from the following options: Transfusion Science Parasitology Biochemistry, Genes and Disease	6cp
Select 60 d 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32559 32560 95563 95564 95565 95566 95567 95568 32933 32934 32113 32567 32568 32569 32570	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image Research Project Research Project Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91338 91344 91335 91403 CBK9081 Select 12 cr 91338 91359 CBK9081 Select 12 cr 91129 91352 91345 91402	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 19 Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging 10 Electives A (Biomedical Science) tredit points from the following options: Clinical Bacteriology Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Immunology 11 Electives B (Biomedical Science) tredit points from the following options: Transfusion Science Parasitology Biochemistry, Genes and Disease Anatomical Pathology	6cp
Select 60 d 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32559 32560 95563 95564 95565 95566 95567 95568 32933 32934 32113 32567 32568 32570	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image Research Project Research Project Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91344 91335 91403 CBK9081 Select 12 cr 91338 91344 91335 91359 CBK9081 Select 12 cr 91129 91352 91345 91402 CBK9081	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP OF Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging OF Electives A (Biomedical Science) redit points from the following options: Clinical Bacteriology Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Immunology 1 Electives B (Biomedical Science) redit points from the following options: Transfusion Science Parasitology Biochemistry, Genes and Disease Anatomical Pathology	6cp
Select 60 d 32001 32209 32509 32516 32521 32525 32528 32547 32548 32549 32558 32559 32560 95563 95564 95565 95566 95567 95568 32933 32934 32113 32567 32568 32569 32570	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Media in Social Context Digital Sound and the Moving Image Research Project Research Project Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91344 91335 91403 CBK9081 Select 12 cr 9138 91358 91359 CBK9081 Select 12 cr 91129 91352 91345 91402 CBK9081 Select 48 cr	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 19 Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging 10 Electives A (Biomedical Science) tredit points from the following options: Clinical Bacteriology Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Immunology 11 Electives B (Biomedical Science) tredit points from the following options: Transfusion Science Parasitology Biochemistry, Genes and Disease Anatomical Pathology 12 Major choice tredit points from the following options:	6cp
Select 60 d 32001 32209 32509 32516 32521 32525 32528 32528 32547 32548 32549 32558 32559 32560 95563 95564 95565 95566 95567 95568 32933 32934 32113 32567 32568 32570 32148 32571 32530 32003 32003 32004	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Sound and the Moving Image Research Project Research Project Research Project Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91344 91335 91403 CBK9081 Select 12 cr 9138 91358 91359 CBK9081 Select 12 cr 91129 91352 91345 91402 CBK9081 Select 48 cr	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP OF Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging OF Electives A (Biomedical Science) redit points from the following options: Clinical Bacteriology Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Immunology 1 Electives B (Biomedical Science) redit points from the following options: Transfusion Science Parasitology Biochemistry, Genes and Disease Anatomical Pathology	6cp
Select 60 d 32001 32209 32509 32516 32521 32525 32528 32528 32547 32548 32549 32558 32559 32560 95563 95564 95565 95566 95567 95568 32933 32934 32113 32568 32569 32570 32148 32571 32530 32003 32004 32501	mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Sound and the Moving Image Research Project Research Project Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91338 91344 91335 91403 CBK9081 Select 12 cr 91338 91358 91344 91335 91359 CBK9081 Select 12 cr 91129 91352 91345 91402 CBK9081 Select 48 cr	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP Of Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging Of Electives A (Biomedical Science) Advanced Haematology Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Immunology In Electives B (Biomedical Science) Advanced Immunology Advanced Immunology In Electives B (Biomedical Science) In El	6cp
Select 60 d 32001 32209 32509 32516 32521 32525 32528 32528 32547 32548 32549 32558 32559 32560 95563 95564 95565 95566 95567 95568 32933 32934 32113 32567 32568 32570 32148 32571 32530 32003 32003 32004	credit points from the following options: Mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Development Process Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Sound and the Moving Image Research Project Research Project Research Project Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91338 91344 91335 91403 CBK9081 Select 12 cr 91338 91358 91344 91335 91359 CBK9081 Select 12 cr 91129 91352 91345 91402 CBK9081 Select 48 cr	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP 19 Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging 10 Electives A (Biomedical Science) tredit points from the following options: Clinical Bacteriology Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Immunology 11 Electives B (Biomedical Science) tredit points from the following options: Transfusion Science Parasitology Biochemistry, Genes and Disease Anatomical Pathology 12 Major choice tredit points from the following options:	6cp
Select 60 d 32001 32209 32509 32516 32521 32525 32528 32528 32547 32548 32549 32558 32559 32560 95563 95564 95565 95566 95567 95568 32933 32934 32113 32568 32569 32570 32148 32571 32530 32003 32004 32501	mobile Commerce Technologies Advanced Topics in Computer Networks Interaction Design Internet Programming WANS and VLANS Web Services Technologies and Applications Network Management UNIX Systems Programming Network Security Advanced Internet Programming Business Intelligence Business Process Design IS Architecture - A Cloud Perspective Digital Media Technologies Digital Graphics and the Still Image Digital Information and Interaction Design Digital Sound and the Moving Image Research Project Research Project Advanced Database Business Intelligence for Decision Support Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	22797 22782 CBK9080 Select 6 cr 91359 91358 91338 91344 91335 91403 CBK9081 Select 12 cr 91338 91358 91344 91335 91359 CBK9081 Select 12 cr 91129 91352 91345 91402 CBK9081 Select 48 cr	Business Project Management Business Intelligence 1: Advanced Analysis Business Process Integration with ERP Of Elective (Medical Science) edit points from the following options: Advanced Immunology Advanced Haematology Clinical Bacteriology Medical and Diagnostic Biochemistry Molecular Biology 2 Medical Imaging Of Electives A (Biomedical Science) Advanced Haematology Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Haematology Medical and Diagnostic Biochemistry Molecular Biology 2 Advanced Immunology In Electives B (Biomedical Science) Advanced Immunology Advanced Immunology In Electives B (Biomedical Science) In El	6cp

CBK908'	13 Year 3 (Business)			32405	User-Centred Design Methods	6ср	
Free choice	ce of electives.			32523	Operating Systems for Network Security	6cp	
				32535	Database in Distributed Environments	6cp	
CBK908'	14 Elective choice			32536	Advanced Software Modelling	6cp	
Select 24 o	credit points from the following options:		24ср	32549	Advanced Internet Programming	6cp	
SMJ10034	Journalism	24cp		32550 32702	Advances in Requirements Engineering Contemporary Telecommunications	6cp	
CBK90138	8 Electives (PSM) (B)	24cp		32527	Internetwork Design	6ср 6ср	
		Total	24ср	32050	Programming with Patterns	6ср	
CDIVOOO	IE Electives			49016	Technology and Innovation	оср	
	15 Electives			1,010	Management	6ср	
	credit points from the following options:		12ср	49306	Quality and Operations Management	1	
11308	Reading and Writing Architectural	6			Systems	6ср	
11261	Criticism	6cp		49048	Wireless Networking Technologies	6ср	
11361	Special Project (Theory)	6cp		49099	GSM, GPRS and EDGE Technologies	6ср	
11312	Modern Western Aesthetics	6cp	12 cm	49110	3G Mobile Communication Systems	6ср	
		Total	12 c p	42900	Sustainability and Information Systems	6ср	
CBK908	16 Choice			42901	Object-Relational Databases	6ср	
	credit points from the following options:		24cp	42904	Cloud Computing and Software as a		
32209	Advanced Topics in Computer Networks	6ср	zacp	40227	Service	6cp	
32509	Interaction Design	6ср		49227	Wireless Sensor Networks	6cp	1.24an
32516	Internet Programming	6ср				10ta	1 24cp
32521	WANS and VLANS	6ср		CBKOUS	17 Choice		
32525	Web Services Technologies and	I					10
	Applications	6ср			credit points from the following options:	600	48cp
32528	Network Management	6cp		32209 32509	Advanced Topics in Computer Networks Interaction Design	6cp	
32547	UNIX Systems Programming	6cp		32516	Interaction Design Internet Programming	6cp	
32548	Network Security	6ср		32521	WANS and VLANS	6ср 6ср	
32558	Business Intelligence	6ср		32525	Web Services Technologies and	оср	
32559	Business Process Design	6ср		32323	Applications	6ср	
32560	IS Architecture - A Cloud Perspective	6ср		32528	Network Management	6ср	
95563	Digital Media Development Process	6ср		32547	UNIX Systems Programming	6ср	
95564	Digital Media Technologies	6ср		32548	Network Security	6ср	
95565	Digital Graphics and the Still Image	6ср		32549	Advanced Internet Programming	6ср	
95566	Digital Information and Interaction Design	6ср		32558	Business Intelligence	6cp	
95567	Digital Media in Social Context	6cp		32559	Business Process Design	6ср	
95568	Digital Sound and the Moving Image	6cp		32560	IS Architecture - A Cloud Perspective	6ср	
32933	Research Project	6cp		95563	Digital Media Development Process	6ср	
32934	Research Project	12cp		95564	Digital Media Technologies	6ср	
32113	Advanced Database	6cp		95565	Digital Graphics and the Still Image	6ср	
32567 32568	Business Intelligence for Decision Support	6ср		95566	Digital Information and Interaction Design	6ср	
32300	Business Intelligence Modelling and Analysis	6cn		95567	Digital Media in Social Context	6ср	
32569	Enterprise Business Requirements	6ср 6ср		95568	Digital Sound and the Moving Image	6ср	
32570	Enterprise Software Architecture and	оср		32933	Research Project	6cp	
02070	Middleware	6ср		32934	Research Project	12cp	
32148	Enterprise Computing	6ср		32113	Advanced Database	6cp	
32571	Enterprise Software Testing	6cp		32567	Business Intelligence for Decision Support	6ср	
32513	Advanced Data Mining Algorithms	6cp		32568	Business Intelligence Modelling and	6an	
32530	Building Intelligent Agents	6cp		32569	Analysis Enterprise Business Requirements	6ср 6ср	
32003	Computer Game Design	6ср		32570	Enterprise Software Architecture and	оср	
32004	Game Programming	6ср		32370	Middleware	6ср	
32501	Computer Graphics	6ср		32148	Enterprise Computing	6ср	
32543	3D Animation	6ср		32571	Enterprise Software Testing	6ср	
32544	Advanced Image Synthesis Techniques	6cp		32513	Advanced Data Mining Algorithms	6ср	
32603	Systems Quality Management	6cp		32530	Building Intelligent Agents	6cp	
32208	Information Systems Strategy	6cp		32003	Computer Game Design	6ср	
32990	IT Contracts and Outsourcing	6cp		32004	Game Programming	6ср	
32995 32998	People Management for IT	6cp		32501	Computer Graphics	6ср	
32130	.NET Application Development Fundamentals of Data Analytics	6cp		32543	3D Animation	6ср	
32039	Recent Advances in Software Engineering	6ср 6ср		32544	Advanced Image Synthesis Techniques	6ср	
32040	Industry Project	6ср		32603	Systems Quality Management	6ср	
32120	Introduction to e-Business Technology	6ср		32208	Information Systems Strategy	6cp	
32510	Principles of Object-oriented	оср		32990	IT Contracts and Outsourcing	6cp	
02010	Programming in C++	6ср		32995	People Management for IT	6cp	
32531	Global Information Systems	6ср		32998	.NET Application Development	6cp	
32901	Recent Advances in Computer Systems	6ср		32130	Fundamentals of Data Analytics	6cp	
32902	Recent Advances in Information Systems	6cp		32039	Recent Advances in Software Engineering	6cp	
32012	Internet Quality of Service (QoS)	6ср		32040 32120	Industry Project	6cp	
32013	.NET Enterprise Development	6cp		32120	Introduction to e-Business Technology Principles of Object-oriented	6ср	
32027	Multimedia Systems Design	6cp		02010	Programming in C++	6ср	
32029	Interactive Arts	6cp		32531	Global Information Systems	6ср	
32106	Agile Method Engineering	6ср		32901	Recent Advances in Computer Systems	6ср	
32118	Mobile Communications and Computing	6ср		32902	Recent Advances in Information Systems	6ср	
32131	Data Mining and Visualisation	6ср		32012	Internet Quality of Service (QoS)	6ср	
32133	e-Market Trading Technology	6cp		32013	.NET Enterprise Development	6ср	
32145	Commercial Environment of IT	6cp		32027	Multimedia Systems Design	6ср	
32146	Data Visualisation and Visual Analytics	6ср		32029	Interactive Arts	6ср	
32147	Introduction to IT Management	6cp		32106	Agile Method Engineering	6cp	
32210	Computer Vision and Image Processing	6cp		32118	Mobile Communications and Computing	6cp	
32309	Digital Forensics	6ср			1 0	-	

32131 32133					
	Data Mining and Visualisation	6ср	CBK908	24 Electives (Online Journalism)	
	e-Market Trading Technology	6ср	Select 8 c	credit points from the following options:	8cp
32145	Commercial Environment of IT	6ср	57151	Storytelling with Sound and Image	8ср
32146	Data Visualisation and Visual Analytics	6cp			оср
32147	Introduction to IT Management	6ср	57152	Investigative Research in the Digital	0
32210	Computer Vision and Image Processing			Environment	8cp
32309		6cp			Total 8cp
	Digital Forensics	6ср			
32405	User-Centred Design Methods	6ср	CBK908	25 Electives (Investigative Journalism)	
32523	Operating Systems for Network Security	6ср	Select 8 c	credit points from the following options:	8cp
32527	Internetwork Design	6ср	57014	Feature Writing	8ср
32535	Database in Distributed Environments	6ср			
32536	Advanced Software Modelling	6cp	57061	Issues in Documentary	8cp
32550	Advances in Requirements Engineering	6ср	57021	Journalism Internship	8cp
32702	Contemporary Telecommunications		57138	International and Comparative Journalism	8ср
		6cp	57155	Online Journalism	8ср
49227	Wireless Sensor Networks	6cp	57012	Regulation of the Media	8cp
32050	Programming with Patterns	6ср	57151	Storytelling with Sound and Image	8cp
49016	Technology and Innovation			3.1 7.1 8 1 1 1 1 1 1 1 1 1 1 1 1	Total 8cp
	Management	6ср			тош оср
49306	Quality and Operations Management		CBKOUS	26 Electives (Adult Education)	
	Systems	6ср			
49048	Wireless Networking Technologies	6ср	Select 6 c	redit points from the following options:	6ср
49099	GSM, GPRS and EDGE Technologies	6ср	010071	Professional Practice 2 Language Literacy	
	,	. *		and Numeracy	6ср
49110	3G Mobile Communication Systems	6ср	010073	Professional Practice 2 Vocational	1
42900	Sustainability and Information Systems	6ср	010070	Education and Training	6ср
42904	Cloud Computing and Software as a		010075	Professional Practice 2 Human Resource	оср
	Service	6ср	010073		C
		Total 48cp		Development	6cp
		rotar rocp			Total 6cp
CBKOUS	19 Choice				
			CBK908	27 Electives (Non-fiction Writing)	
	redit points from the following options:	6ср		credit points from the following options:	24cp
92332	Introduction to Specialty Practice:				
	Community Health Nursing	6ср	57011	Research and Reporting for Journalism	8cp
92333	Introduction to Specialty Practice:	1	57041	Narrative Writing	8ср
,2000	Critical Care Nursing	6cn	57046	Professional Editing	8ср
02224		6ср	57145	Freelance Writing	8cp
92334	Introduction to Specialty Practice:		57152	Investigative Research in the Digital	1
	Family and Child Health Nursing	6ср	0,10=	Environment	8ср
92335	Introduction to Specialty Practice:		FF1.6F		
	Mental Health Nursing	6ср	57165	True Crime	8cp
92336	Introduction to Specialty Practice:	1			Total 24cp
,	Palliative Care	6cn			
02227		6ср	CBK908	28 Electives/Sub-major (Non-fiction Wri	ting)
92337	Introduction to Specialty Practice:			credit points from the following options:	-
	Women's Health	6ср			24cp
92338	Introduction to Specialty Practice:				24cp
	Australian Indiaanaus Haalth Cara		CN/III1004	2 Media Arts and Production	
	Australian indigenous rieaun Care	6CD	3101) 1004.	2 Media Arts and Froduction	24cp
92339	Australian Indigenous Health Care	6ср	31VIJ 1004.	2 Wedia Arts and Floduction	.
92339	Introduction to Specialty Practice:	•	511111004	2 Wedia Arts and Floduction	Total 24cp
	Introduction to Specialty Practice: Aged Care Nursing	6ср	, and the second		.
92339 92340	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice:	6ср	CBK908	29 Electives (TESOL foundation)	Total 24cp
	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing	•	CBK908 Select 12	29 Electives (TESOL foundation) credit points from the following options:	Total 24cp 12cp
	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing	6ср	CBK908	29 Electives (TESOL foundation)	Total 24cp 12cp 6cp
92340	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice:	6cp 6cp	CBK908 Select 12	29 Electives (TESOL foundation) credit points from the following options: Grammar and the Construction of Meaning	Total 24cp 12cp 6cp
92340	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing	6cp 6cp 6cp	CBK908 Select 12 013096 013107	229 Electives (TESOL foundation) credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation	Total 24cp 12cp 6cp 6cp
92340	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice:	6cp 6cp	CBK908 Select 12 013096 013107 013117	229 Electives (TESOL foundation) credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy	Total 24cp 12cp 6cp
92340 92341	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing	6cp 6cp 6cp	CBK908 Select 12 013096 013107	229 Electives (TESOL foundation) credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to	12cp 6cp 6cp 6cp
92340 92341 CBK908	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives	6cp 6cp 6cp Total 6cp	CBK908 Select 12 013096 013107 013117	229 Electives (TESOL foundation) credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy	12cp 6cp 6cp 6cp
92340 92341 CBK908	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options:	6cp 6cp 6cp	CBK908 Select 12 013096 013107 013117	229 Electives (TESOL foundation) credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to	12cp 6cp 6cp 6cp
92340 92341 CBK908	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives	6cp 6cp 6cp Total 6cp	CBK908 Select 12 013096 013107 013117 013121	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages	12cp 6cp 6cp 6cp
92340 92341 CBK908 Select 24	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options:	6cp 6cp 6cp Total 6cp	CBK908 Select 12 013096 013107 013117 013121	229 Electives (TESOL foundation) credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to	12cp 6cp 6cp 6cp
92340 92341 CBK908 Select 24 35472	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1	6cp 6cp 6cp Total 6cp	CBK908 Select 12 013096 013107 013117 013121 CBK908	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages	12cp 6cp 6cp 6cp
92340 92341 CBK908 Select 24 35472 35473 35474	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3	6cp 6cp 6cp Total 6cp 24cp 6cp 6cp	CBK908 Select 12 013096 013107 013117 013121 CBK908	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options:	Total 24cp 12cp 6cp 6cp 6cp Total 12cp
92340 92341 CBK908 Select 24 35472 35473 35474 35475	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4	6cp 6cp 6cp Total 6cp 24cp 6cp 6cp 6cp 6cp	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis	12cp 6cp 6cp 6cp 6cp Total 12cp
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes	6cp 6cp 6cp Total 6cp 24cp 6cp 6cp 6cp 6cp 6cp	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes	12cp 6cp 6cp 6cp 7 Total 12cp
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis	6cp 6cp Total 6cp 24cp 6cp 6cp 6cp 6cp 6cp	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013105	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development	12cp 6cp 6cp 6cp 7 Total 12cp
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes	6cp 6cp Total 6cp 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013105 013132	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning	12cp 6cp 6cp 6cp Total 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis	6cp 6cp Total 6cp 24cp 6cp 6cp 6cp 6cp 6cp	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013105 013132 013141	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning Language Programming and Assessment	12cp 6cp 6cp 6cp 7 Total 12cp
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis	6cp 6cp Total 6cp 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013105 013132	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning Language Programming and Assessment	12cp 6cp 6cp 6cp Total 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322 35457	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis Multivariate Statistics	6cp 6cp Total 6cp 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013105 013132 013141 010039	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning Language Programming and Assessment Teaching English for Academic Purposes	12cp 6cp 6cp 6cp Total 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322 35457 CBK908	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis Multivariate Statistics	6cp 6cp Total 6cp 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 7ctal 24cp	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013105 013132 013141 010039 013104	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning Language Programming and Assessment Teaching English for Academic Purposes Language and Power	12cp 6cp 6cp 6cp Total 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322 35457 CBK908 Select 6 co	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis Multivariate Statistics 21 Options redit points from the following options:	6cp 6cp Total 6cp 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013105 013132 013141 010039	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning Language Programming and Assessment Teaching English for Academic Purposes Language and Power Academic Literacies in TESOL and Applied	12cp 6cp 6cp 6cp Total 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322 35457 CBK908	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis Multivariate Statistics 21 Options redit points from the following options: Nonlinear Methods in Quantitative	6cp 6cp 6cp Total 6cp	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013105 013132 013141 010039 013104	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning Language Programming and Assessment Teaching English for Academic Purposes Language and Power	12cp 6cp 6cp 6cp Total 12cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322 35457 CBK908 Select 6 co	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis Multivariate Statistics 21 Options redit points from the following options:	6cp 6cp Total 6cp 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 7ctal 24cp	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013105 013132 013141 010039 013104	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning Language Programming and Assessment Teaching English for Academic Purposes Language and Power Academic Literacies in TESOL and Applied	12cp 6cp 6cp 6cp Total 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322 35457 CBK908 Select 6 c 35342	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis Multivariate Statistics 21 Options redit points from the following options: Nonlinear Methods in Quantitative Management	6cp 6cp 6cp Total 6cp	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013105 013132 013141 010039 013104 013983	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning Language Programming and Assessment Teaching English for Academic Purposes Language and Power Academic Literacies in TESOL and Applied Linguistics	12cp 6cp 6cp 6cp Total 12cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322 35457 CBK908 Select 6 c 35342	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives Credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis Multivariate Statistics 21 Options Tredit points from the following options: Nonlinear Methods in Quantitative Management Mathematical Methods	6cp 6cp 6cp Total 6cp	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013105 013132 013141 010039 013104 013983	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning Language Programming and Assessment Teaching English for Academic Purposes Language and Power Academic Literacies in TESOL and Applied	12cp 6cp 6cp 6cp Total 12cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322 35457 CBK908 Select 6 c 35342	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis Multivariate Statistics 21 Options redit points from the following options: Nonlinear Methods in Quantitative Management	6cp 6cp 6cp Total 6cp 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013105 013132 013141 010039 013104 013983 CBK908	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning Language Programming and Assessment Teaching English for Academic Purposes Language and Power Academic Literacies in TESOL and Applied Linguistics	12cp 6cp 6cp 6cp Total 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322 35457 CBK908 Select 6 c 35342	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives Credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis Multivariate Statistics 21 Options Tredit points from the following options: Nonlinear Methods in Quantitative Management Mathematical Methods	6cp 6cp 6cp Total 6cp	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013105 013132 013141 010039 013104 013983 CBK908 Select 42	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning Language Programming and Assessment Teaching English for Academic Purposes Language and Power Academic Literacies in TESOL and Applied Linguistics 31 Electives (TESOL) credit points from the following options:	12cp 6cp 6cp 6cp Total 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322 35457 CBK908 Select 6 c 35342 35335 35391	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis Multivariate Statistics 21 Options redit points from the following options: Nonlinear Methods in Quantitative Management Mathematical Methods Seminar (Mathematics)	6cp 6cp 6cp Total 6cp 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013105 013132 013141 010039 013104 013983 CBK908 Select 42 010039	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning Language Programming and Assessment Teaching English for Academic Purposes Language and Power Academic Literacies in TESOL and Applied Linguistics 31 Electives (TESOL) credit points from the following options: Teaching English for Academic Purposes	12cp 6cp 6cp 6cp Total 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322 35457 CBK908 Select 6 c 35342 35335 35391	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives Credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis Multivariate Statistics 21 Options Tredit points from the following options: Nonlinear Methods in Quantitative Management Mathematical Methods	6cp 6cp 6cp Total 6cp 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013105 013132 013141 010039 013104 013983 CBK908 Select 42 010039 013087	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning Language Programming and Assessment Teaching English for Academic Purposes Language and Power Academic Literacies in TESOL and Applied Linguistics 31 Electives (TESOL) credit points from the following options: Teaching English for Academic Purposes Discourse Analysis	12cp 6cp 6cp 6cp Total 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322 35457 CBK908 Select 6 c 35342 35335 35391	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis Multivariate Statistics 21 Options redit points from the following options: Nonlinear Methods in Quantitative Management Mathematical Methods Seminar (Mathematics)	6cp 6cp 6cp Total 6cp 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013105 013132 013141 010039 013104 013983 CBK908 Select 42 010039 013087 013095	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning Language Programming and Assessment Teaching English for Academic Purposes Language and Power Academic Literacies in TESOL and Applied Linguistics 31 Electives (TESOL) credit points from the following options: Teaching English for Academic Purposes Discourse Analysis Global Englishes	12cp 6cp 6cp 6cp Total 12cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322 35457 CBK908 Select 6 c 35342 35335 35391 CBK908 Select 24	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives Credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis Multivariate Statistics 21 Options Tredit points from the following options: Nonlinear Methods in Quantitative Management Mathematical Methods Seminar (Mathematics) 22 Sub-major choice Credit points from the following options:	6cp 6cp 6cp Total 6cp 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp 6cp 6cp 7ctal 24cp	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013105 013132 013141 010039 013104 013983 CBK908 Select 42 010039 013087	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning Language Programming and Assessment Teaching English for Academic Purposes Language and Power Academic Literacies in TESOL and Applied Linguistics 31 Electives (TESOL) credit points from the following options: Teaching English for Academic Purposes Discourse Analysis	12cp 6cp 6cp 6cp Total 12cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322 35457 CBK908 Select 6 c 35342 35335 35391 CBK908 Select 24 CBK9067	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis Multivariate Statistics 21 Options redit points from the following options: Nonlinear Methods in Quantitative Management Mathematical Methods Seminar (Mathematics) 22 Sub-major choice credit points from the following options: 73 Design option	6cp 6cp 6cp Total 6cp	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013104 013983 CBK908 Select 42 010039 013087 013095 013096	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning Language Programming and Assessment Teaching English for Academic Purposes Language and Power Academic Literacies in TESOL and Applied Linguistics 31 Electives (TESOL) credit points from the following options: Teaching English for Academic Purposes Discourse Analysis Global Englishes Grammar and the Construction of Meaning	12cp 6cp 6cp 6cp Total 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322 35457 CBK908 Select 6 c 35342 35335 35391 CBK908 Select 24 CBK9067	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives Credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis Multivariate Statistics 21 Options Tredit points from the following options: Nonlinear Methods in Quantitative Management Mathematical Methods Seminar (Mathematics) 22 Sub-major choice Credit points from the following options:	6cp 6cp 6cp Total 6cp 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp 6cp 6cp 7otal 24cp	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013105 013132 013141 010039 013104 013983 CBK908 Select 42 010039 013087 013095 013095 013096 013105	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning Language Programming and Assessment Teaching English for Academic Purposes Language and Power Academic Literacies in TESOL and Applied Linguistics 31 Electives (TESOL) credit points from the following options: Teaching English for Academic Purposes Discourse Analysis Global Englishes Grammar and the Construction of Meaning Language Development	12cp 6cp 6cp 6cp Total 12cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322 35457 CBK908 Select 6 c 35342 35335 35391 CBK908 Select 24 CBK9067	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis Multivariate Statistics 21 Options redit points from the following options: Nonlinear Methods in Quantitative Management Mathematical Methods Seminar (Mathematics) 22 Sub-major choice credit points from the following options: 73 Design option	6cp 6cp 6cp Total 6cp	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013103 013132 013141 010039 013104 013983 CBK908 Select 42 010039 013087 013095 013095 013105 013105 013107	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning Language Programming and Assessment Teaching English for Academic Purposes Language and Power Academic Literacies in TESOL and Applied Linguistics 31 Electives (TESOL) credit points from the following options: Teaching English for Academic Purposes Discourse Analysis Global Englishes Grammar and the Construction of Meaning Language Development Phonology and Pronunciation	12cp 6cp 6cp 6cp Total 12cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322 35457 CBK908 Select 6 c 35342 35335 35391 CBK908 CBK908 CBK9067 CBK9067	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis Multivariate Statistics 21 Options redit points from the following options: Nonlinear Methods in Quantitative Management Mathematical Methods Seminar (Mathematics) 22 Sub-major choice credit points from the following options: 3 Design option 4 Design options	6cp 6cp 6cp Total 6cp 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp 6cp 6cp 7otal 24cp	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013105 013132 013141 010039 013104 013983 CBK908 Select 42 010039 013087 013095 013096 013105 013107 013117	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning Language Programming and Assessment Teaching English for Academic Purposes Language and Power Academic Literacies in TESOL and Applied Linguistics 31 Electives (TESOL) credit points from the following options: Teaching English for Academic Purposes Discourse Analysis Global Englishes Grammar and the Construction of Meaning Language Development Phonology and Pronunciation Theory and Practice of Literacy	12cp 6cp 6cp 6cp Total 12cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322 35457 CBK908 Select 6 c 35342 35335 35391 CBK908 CBK908 CBK9067 CBK9067	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis Multivariate Statistics 21 Options redit points from the following options: Nonlinear Methods in Quantitative Management Mathematical Methods Seminar (Mathematics) 22 Sub-major choice credit points from the following options: 73 Design option	6cp 6cp 6cp Total 6cp 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp 6cp 6cp 7otal 24cp	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013103 013132 013141 010039 013104 013983 CBK908 Select 42 010039 013087 013095 013095 013105 013105 013107	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning Language Programming and Assessment Teaching English for Academic Purposes Language and Power Academic Literacies in TESOL and Applied Linguistics 31 Electives (TESOL) credit points from the following options: Teaching English for Academic Purposes Discourse Analysis Global Englishes Grammar and the Construction of Meaning Language Development Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to	12cp 6cp 6cp 6cp Total 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322 35457 CBK908 Select 6 c 35342 35335 35391 CBK908 CBK908 CBK9067 CBK908	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis Multivariate Statistics 21 Options redit points from the following options: Nonlinear Methods in Quantitative Management Mathematical Methods Seminar (Mathematics) 22 Sub-major choice credit points from the following options: 3 Design option 4 Design options	6cp 6cp 6cp Total 6cp 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp 6cp 6cp 7otal 24cp	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013105 013132 013141 010039 013104 013983 CBK908 Select 42 010039 013087 013095 013096 013105 013107 013117 013121	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning Language Programming and Assessment Teaching English for Academic Purposes Language and Power Academic Literacies in TESOL and Applied Linguistics 31 Electives (TESOL) credit points from the following options: Teaching English for Academic Purposes Discourse Analysis Global Englishes Grammar and the Construction of Meaning Language Development Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages	12cp 6cp 6cp 6cp Total 12cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
92340 92341 CBK908 Select 24 35472 35473 35474 35475 35466 35322 35457 CBK908 Select 6 c 35342 35335 35391 CBK908 CBK908 CBK9067 CBK908	Introduction to Specialty Practice: Aged Care Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Paediatric Nursing Introduction to Specialty Practice: Perioperative Nursing 20 Electives credit points from the following options: Honours Seminar 1 Honours Seminar 2 Honours Seminar 3 Honours Seminar 4 Advanced Stochastic Processes Advanced Analysis Multivariate Statistics 21 Options redit points from the following options: Nonlinear Methods in Quantitative Management Mathematical Methods Seminar (Mathematics) 22 Sub-major choice credit points from the following options: 3 Design option 4 Design options	6cp 6cp 6cp Total 6cp 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp 6cp 6cp 7otal 24cp	CBK908 Select 12 013096 013107 013117 013121 CBK908 Select 12 013087 013095 013105 013132 013141 010039 013104 013983 CBK908 Select 42 010039 013087 013095 013096 013105 013107 013117	credit points from the following options: Grammar and the Construction of Meaning Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Literacy Theory and Practice of Teaching English to Speakers of other Languages 30 Electives (TESOL specialisation) credit points from the following options: Discourse Analysis Global Englishes Language Development Technology Enhanced Language Learning Language Programming and Assessment Teaching English for Academic Purposes Language and Power Academic Literacies in TESOL and Applied Linguistics 31 Electives (TESOL) credit points from the following options: Teaching English for Academic Purposes Discourse Analysis Global Englishes Grammar and the Construction of Meaning Language Development Phonology and Pronunciation Theory and Practice of Literacy Theory and Practice of Teaching English to	12cp 6cp 6cp 6cp Total 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6

013141	Language Programming and Assessment	6ср		CBK9084	0 Electives (Operations Supply Chain N	1anag	erl
013104	Language and Power	6ср			redit points from the following options:		12cp
013112	Research Design	6cp		21745	Service Operations Management	6ср	12cp
57999	Digital and Multiplatform Storytelling	6ср		21779	Management Skills	6ср	
013983	Academic Literacies in TESOL and Applied			21827	Change Management	6ср	
	Linguistics	6cp	1.40	21832	Managing for Sustainability	6ср	
		Iota	l 42cp	22782	Business Process Integration with ERP	6ср	
CBK908	32 Electives (MAP cross-disciplinary)			CBK90387	' Electives (Law/Business)	6cp	1.10
	redit points from the following options:		8 cm			Tota	al 12cp
57011	Research and Reporting for Journalism	8ср	8cp	CBKOUS	2 Health Research RPL		
57109	Film Animation	8cp			e of electives.		
57008	Digital Libraries and Collections	8cp		riee choic	e of electives.		
57142	Writing for the Screen	8cp		CBK9084	4 Research choice		
		Tota	al 8cp		redit points from the following options:		12cp
				32934	Research Project	12ср	12cp
	33 Electives (MAP)				Research stream	12cp	
	credit points from the following options:		16cp			Tota	al 12cp
57166	Documentary Production	8cp					_
57172 57173	Advanced Moving Image Advanced Post Production	8cp		CBK9084	5 Choice		
57175	Creative Producing	8ср 8ср			redit points from the following options:		18cp
57176	Directing	8cp		32209	Advanced Topics in Computer Networks	6cp	
57177	Media Arts and Production Minor Project	8cp		32509 32516	Interaction Design	6cp	
57178	Digital and Multiplatform Storytelling	8cp		32521	Internet Programming WANS and VLANS	6ср 6ср	
57179	Project Development and Creative Practice	8ср		32525	Web Services Technologies and	оср	
57061	Issues in Documentary	8cp		02020	Applications	6ср	
57183	Soundtrack	8cp	1.16	32528	Network Management	6cp	
		Iota	l 16cp	32547	UNIX Systems Programming	6ср	
CBK908	34 Electives (MAP + MAP cross-disciplin	arvl		32548	Network Security	6ср	
	credit points from the following options:	u. y,	24cp	32558	Business Intelligence	6cp	
	2 Electives (MAP cross-disciplinary)	8ср	21CP	32559 32560	Business Process Design IS Architecture - A Cloud Perspective	6cp	
	3 Electives (MAP)	16cp		95563	Digital Media Development Process	6ср 6ср	
		Total	l 24cp	95564	Digital Media Technologies	6ср	
0.01/000	(144E)			95565	Digital Graphics and the Still Image	6cp	
	35 Electives (MAP)			95566	Digital Information and Interaction Design	6ср	
	credit points from the following options:	0	24cp	95567	Digital Media in Social Context	6ср	
57166 57172	Documentary Production	8cp		95568	Digital Sound and the Moving Image	6cp	
57172	Advanced Moving Image Advanced Post Production	8ср 8ср		32113 32567	Advanced Database Business Intelligence for Decision Support	6cp	
57175	Creative Producing	8cp		32568	Business Intelligence Modelling and	6ср	
57176	Directing	8cp		02000	Analysis	6ср	
57177	Media Arts and Production Minor Project	8cp		32569	Enterprise Business Requirements	6ср	
57178	Digital and Multiplatform Storytelling	8cp		32570	Enterprise Software Architecture and	_	
57179	Project Development and Creative Practice	8cp		224.40	Middleware	6cp	
57061 57183	Issues in Documentary Soundtrack	8ср 8ср		32148 32571	Enterprise Computing	6cp	
37 103	Soundiack		l 24cp	32513	Enterprise Software Testing Advanced Data Mining Algorithms	6ср 6ср	
		1000	- 1-1-Г	32530	Building Intelligent Agents	6ср	
CBK908	36 Sub-major choice			32003	Computer Game Design	6ср	
Select 24	credit points from the following options:		24cp	32004	Game Programming	6ср	
CBK9083	8 Design option	24cp	-	32501	Computer Graphics	6ср	
CBK9083	9 Design options	24cp		32543	3D Animation	6cp	
		Total	l 24cp	32544	Advanced Image Synthesis Techniques	6cp	
CDKOUO	37 Elective choice			32603 32208	Systems Quality Management Information Systems Strategy	6ср 6ср	
	ce of electives.			32990	IT Contracts and Outsourcing	6ср	
riee choi	ce of electives.			32995	People Management for IT	6ср	
CBK908	38 Design option			32998	.NET Application Development	6cp	
	credit points from the following options:		24cp	32130	Fundamentals of Data Analytics	6ср	
	VFX Design	24cp	-1cp	32039	Recent Advances in Software Engineering	6ср	
,	0		l 24cp	32040	Industry Project	6cp	
			•	32120 32510	Introduction to e-Business Technology Principles of Object-oriented	6ср	
	39 Design options			32310	Programming in C++	6ср	
	credit points from the following options:		24cp	32531	Global Information Systems	6ср	
88211	Animation Studio:	12		32901	Recent Advances in Computer Systems	6cp	
88212	Narrative Experimentations Animation Studio:	12cp		32902	Recent Advances in Information Systems	6ср	
00212	Animation Practice	12cp		32012	Internet Quality of Service (QoS)	6cp	
88201	Animation Studio:	cp		32013	.NET Enterprise Development	6cp	
	VFX Design Introduction	12cp		32027 32029	Multimedia Systems Design Interactive Arts	6ср 6ср	
88202	Animation Studio:	•		32106	Agile Method Engineering	6ср 6ср	
	VFX Design Advanced	12cp	1.04	32118	Mobile Communications and Computing	6ср	
		Iota	l 24cp	32131	Data Mining and Visualisation	6ср	
				32133	e-Market Trading Technology	6ср	
				32145	Commercial Environment of IT	6cp	
				32146 32147	Data Visualisation and Visual Analytics	6cp	
				JZ1 1 /	Introduction to IT Management	6ср	

32210					
	Computer Vision and Image Processing	6ср	32106	Agile Method Engineering	6ср
32309	Digital Forensics	6ср	32118	Mobile Communications and Computing	6ср
32405	User-Centred Design Methods	. *	32131	Data Mining and Visualisation	
		6ср			6ср
32523	Operating Systems for Network Security	6ср	32133	e-Market Trading Technology	6ср
32535	Database in Distributed Environments	6ср	32145	Commercial Environment of IT	6ср
32536	Advanced Software Modelling	6ср	32146	Data Visualisation and Visual Analytics	6cp
		. *		J	
32549	Advanced Internet Programming	6ср	32147	Introduction to IT Management	6ср
32550	Advances in Requirements Engineering	6ср	32210	Computer Vision and Image Processing	6ср
32702	Contemporary Telecommunications	6cp	32309	Digital Forensics	6cp
	1 . 2	. *			
32527	Internetwork Design	6ср	32405	User-Centred Design Methods	6ср
32050	Programming with Patterns	6ср	32523	Operating Systems for Network Security	6ср
49016	Technology and Innovation	-	32527	Internetwork Design	6ср
	Management	600	32535	Database in Distributed Environments	6cp
40206		6ср			
49306	Quality and Operations Management		32536	Advanced Software Modelling	6ср
	Systems	6ср	32550	Advances in Requirements Engineering	6ср
49048	Wireless Networking Technologies	6ср	32702	Contemporary Telecommunications	6cp
		. *		1 2	
49099	GSM, GPRS and EDGE Technologies	6ср	49227	Wireless Sensor Networks	6ср
49110	3G Mobile Communication Systems	6ср	32050	Programming with Patterns	6ср
42900	Sustainability and Information Systems	6ср	49016	Technology and Innovation	•
42901		. *	1,010		6 cm
	Object-Relational Databases	6ср	1000	Management	6ср
42904	Cloud Computing and Software as a		49306	Quality and Operations Management	
	Service	6ср		Systems	6ср
49227	Wireless Sensor Networks	6cp	49048	Wireless Networking Technologies	6cp
47227	WHEless Selisof Networks	± .			
		Total 18cp	49099	GSM, GPRS and EDGE Technologies	6ср
			49110	3G Mobile Communication Systems	6ср
CRK908	46 Choice		42900	Sustainability and Information Systems	6cp
		4.0			ocp
Select 42	credit points from the following options:	42cp	42904	Cloud Computing and Software as a	
32209	Advanced Topics in Computer Networks	6ср		Service	6ср
32509	Interaction Design		42901	Object-Relational Databases	6cp
		6cp	12,01	object Helitelettal Buttabases	. .
32516	Internet Programming	6ср			Total 42cp
32521	WANS and VLANS	6ср			
32525	Web Services Technologies and	1	CBK9084	7 Electives	
02020		6.000	Coloat 9 am	adit nainta from the fallerring entions.	0 cm
	Applications	6ср		edit points from the following options:	8cp
32528	Network Management	6ср	57026	Strategic Communication and Negotiation	8ср
32547	UNIX Systems Programming	6ср	57131	Inventive Media Advertising	8cp
32548	Network Security	6cp	57132	Media Relations	8cp
		. *	37 132	Wicdia Relations	
32549	Advanced Internet Programming	6ср			Total 8cp
32558	Business Intelligence	6ср			
32559	Business Process Design	6cp	CBK9084	8 Elective	
		. *			
32560	IS Architecture - A Cloud Perspective	6ср	Select 8 cr	edit points from the following options:	8ср
95563	Digital Media Development Process	6ср	57997	Professional Communication Project	8ср
95564	Digital Media Technologies	6ср	57024	Managing Public Communication	I
95565			37024		0
	Digital Graphics and the Still Image	6ср		Strategies	8ср
95566	Digital Information and Interaction Design	6ср	57132	Media Relations	8ср
95567	Digital Media in Social Context	6ср	57026	Strategic Communication and Negotiation	8cp
95568	Digital Sound and the Moving Image				0.00
		6ср	57996	Marketing and Corporate Communication	8cp
32113	Advanced Database	6ср	57131	Inventive Media Advertising	8ср
			07101	Organisational Change and	
32567	Business Intelligence for Decision Support	6ср			
32567	Business Intelligence for Decision Support	6ср	57035		9 000
	Business Intelligence Modelling and	-	57035	Communication	8cp
32567 32568	Business Intelligence Modelling and Analysis	6ср			
32567	Business Intelligence Modelling and	-	57035 57994	Communication Managing Organisational Communication	8cp
32567 32568 32569	Business Intelligence Modelling and Analysis Enterprise Business Requirements	6ср	57035 57994 57995	Communication Managing Organisational Communication Learning in Organisations	
32567 32568	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and	6cp 6cp	57035 57994	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the	8cp 8cp
32567 32568 32569 32570	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware	6cp 6cp	57035 57994 57995 57087	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation	8cp 8cp 8cp
32567 32568 32569 32570 32148	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing	6cp 6cp	57035 57994 57995	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the	8cp 8cp
32567 32568 32569 32570	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware	6cp 6cp	57035 57994 57995 57087 57175	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing	8cp 8cp 8cp 8cp
32567 32568 32569 32570 32148 32571	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing	6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation	8cp 8cp 8cp 8cp 8cp
32567 32568 32569 32570 32148 32571 32513	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms	6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing	8cp 8cp 8cp 8cp
32567 32568 32569 32570 32148 32571 32513 32530	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents	6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image	8cp 8cp 8cp 8cp 8cp
32567 32568 32569 32570 32148 32571 32513 32530 32003	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design	6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing	8cp 8cp 8cp 8cp 8cp
32567 32568 32569 32570 32148 32571 32513 32530	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents	6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image	8cp 8cp 8cp 8cp 8cp Total 8cp
32567 32568 32569 32570 32148 32571 32513 32530 32003 32004	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 of	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 49 Major choice credit points from the following options:	8cp 8cp 8cp 8cp 8cp Total 8cp
32567 32568 32569 32570 32148 32571 32513 32530 32003 32004 32501	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08057	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 49 Major choice credit points from the following options: Tintegrated Communication	8cp 8cp 8cp 8cp 8cp Total 8cp
32567 32568 32569 32570 32148 32571 32513 32530 32003 32004 32501 32543	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08057	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 49 Major choice credit points from the following options: Tintegrated Communication	8cp 8cp 8cp 8cp 8cp Total 8cp
32567 32568 32569 32570 32148 32571 32513 32530 32003 32004 32501	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08057 MAJ08058	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 49 Major choice credit points from the following options: Integrated Communication B Public Relations	8cp 8cp 8cp 8cp 8cp Total 8cp
32567 32568 32569 32570 32148 32571 32513 32530 32003 32004 32501 32543 32544	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08057 MAJ08058	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 49 Major choice credit points from the following options: Integrated Communication Public Relations Organisational Change and	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp
32567 32568 32569 32570 32148 32571 32513 32530 32004 32501 32543 32544 32603	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques Systems Quality Management	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08057 MAJ08058	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 69 Major choice credit points from the following options: Integrated Communication Public Relations Organisational Change and Communication	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp 24cp
32567 32568 32569 32570 32148 32571 32513 32530 32004 32501 32543 32544 32603 32208	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques Systems Quality Management Information Systems Strategy	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08057 MAJ08058	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 49 Major choice credit points from the following options: Integrated Communication Public Relations Organisational Change and	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp 24cp 24cp
32567 32568 32569 32570 32148 32571 32513 32530 32003 32004 32501 32543 32544 32603 32208 32990	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques Systems Quality Management Information Systems Strategy IT Contracts and Outsourcing	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08057 MAJ08058	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 69 Major choice credit points from the following options: Integrated Communication Public Relations Organisational Change and Communication	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp 24cp 24cp
32567 32568 32569 32570 32148 32571 32513 32530 32004 32501 32543 32544 32603 32208	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques Systems Quality Management Information Systems Strategy IT Contracts and Outsourcing	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08057 MAJ08058	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 69 Major choice credit points from the following options: Integrated Communication Public Relations Organisational Change and Communication	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp 24cp
32567 32568 32569 32570 32148 32571 32513 32530 32004 32501 32543 32544 32603 32208 32990 32995	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques Systems Quality Management Information Systems Strategy IT Contracts and Outsourcing People Management for IT	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08057 MAJ08058 MAJ08059 STM90770	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 49 Major choice redit points from the following options: Integrated Communication Public Relations Organisational Change and Communication No specified major	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp 24cp 24cp
32567 32568 32569 32570 32148 32571 32513 32530 32004 32501 32543 32544 32603 32208 32990 32995 32998	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques Systems Quality Management Information Systems Strategy IT Contracts and Outsourcing People Management for IT .NET Application Development	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08057 MAJ08058 MAJ08059 STM90770	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 69 Major choice credit points from the following options: Integrated Communication Public Relations Organisational Change and Communication	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp 24cp 24cp
32567 32568 32569 32570 32148 32571 32513 32530 32004 32501 32543 32544 32603 32208 32990 32995 32998 32130	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques Systems Quality Management Information Systems Strategy IT Contracts and Outsourcing People Management for IT .NET Application Development Fundamentals of Data Analytics	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08055 MAJ08058 MAJ08059 STM90770 CBK9085	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 49 Major choice redit points from the following options: 7 Integrated Communication 8 Public Relations 9 Organisational Change and Communication 9 No specified major	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp 24cp 24cp Total 24cp
32567 32568 32569 32570 32148 32571 32513 32530 32003 32004 32501 32543 32544 32603 32208 32990 32995 32998 32130 32039	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques Systems Quality Management Information Systems Strategy IT Contracts and Outsourcing People Management for IT .NET Application Development	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08057 MAJ08058 MAJ08059 STM90770 CBK9085 Select 12 c	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 49 Major choice redit points from the following options: Integrated Communication Public Relations Organisational Change and Communication No specified major 60 Management electives redit points from the following options:	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp 24cp 24cp 10tal 24cp
32567 32568 32569 32570 32148 32571 32513 32530 32003 32004 32501 32543 32544 32603 32208 32990 32995 32998 32130 32039	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques Systems Quality Management Information Systems Strategy IT Contracts and Outsourcing People Management for IT .NET Application Development Fundamentals of Data Analytics Recent Advances in Software Engineering	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08058 MAJ08058 STM90770 CBK9085 Select 12 c 21630	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 49 Major choice redit points from the following options: 7 Integrated Communication 8 Public Relations 9 Organisational Change and Communication 10 No specified major 60 Management electives redit points from the following options: Global Strategic Management	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp 24cp 24cp 7 Total 24cp
32567 32568 32569 32570 32148 32571 32513 32530 32004 32501 32543 32544 32603 32208 32990 32995 32998 32130 32039 32040	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques Systems Quality Management Information Systems Strategy IT Contracts and Outsourcing People Management for IT .NET Application Development Fundamentals of Data Analytics Recent Advances in Software Engineering Industry Project	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08057 MAJ08058 MAJ08059 STM90770 CBK9085 Select 12 c	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 49 Major choice redit points from the following options: Integrated Communication Public Relations Organisational Change and Communication No specified major 60 Management electives redit points from the following options:	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp 24cp 24cp 10tal 24cp
32567 32568 32569 32570 32148 32571 32513 32530 32003 32004 32501 32543 32544 32603 32208 32990 32995 32998 32130 32039 32040 32120	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques Systems Quality Management Information Systems Strategy IT Contracts and Outsourcing People Management for IT .NET Application Development Fundamentals of Data Analytics Recent Advances in Software Engineering Industry Project Introduction to e-Business Technology	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08058 MAJ08059 STM90770 CBK9085 Select 12 c 21630 21591	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 49 Major choice tredit points from the following options: 7 Integrated Communication 8 Public Relations 9 Organisational Change and Communication 10 No specified major 50 Management electives tredit points from the following options: Global Strategic Management Transnational Management	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp 24cp 24cp 7 Total 24cp
32567 32568 32569 32570 32148 32571 32513 32530 32004 32501 32543 32544 32603 32208 32990 32995 32998 32130 32039 32040	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques Systems Quality Management Information Systems Strategy IT Contracts and Outsourcing People Management for IT .NET Application Development Fundamentals of Data Analytics Recent Advances in Software Engineering Industry Project Introduction to e-Business Technology Principles of Object-oriented	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08058 MAJ08058 STM90770 CBK9085 Select 12 c 21630	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 49 Major choice redit points from the following options: 7 Integrated Communication 8 Public Relations 9 Organisational Change and Communication 10 No specified major 60 Management electives redit points from the following options: Global Strategic Management	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp 24cp 24cp Total 24cp
32567 32568 32569 32570 32148 32571 32513 32530 32003 32004 32501 32543 32544 32603 32208 32990 32995 32998 32130 32039 32040 32120	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques Systems Quality Management Information Systems Strategy IT Contracts and Outsourcing People Management for IT .NET Application Development Fundamentals of Data Analytics Recent Advances in Software Engineering Industry Project Introduction to e-Business Technology	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08058 MAJ08059 STM90770 CBK9085 Select 12 c 21630 21591	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 49 Major choice tredit points from the following options: 7 Integrated Communication 8 Public Relations 9 Organisational Change and Communication 10 No specified major 50 Management electives tredit points from the following options: Global Strategic Management Transnational Management	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp 24cp 24cp 7 Total 24cp
32567 32568 32569 32570 32148 32571 32513 32530 32003 32004 32501 32543 32544 32603 32208 32990 32995 32998 32130 32039 32039 32040 32120 32510	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques Systems Quality Management Information Systems Strategy IT Contracts and Outsourcing People Management for IT .NET Application Development Fundamentals of Data Analytics Recent Advances in Software Engineering Industry Project Introduction to e-Business Technology Principles of Object-oriented Programming in C++	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08055 MAJ08059 STM90770 CBK9085 Select 12 c 21630 21591 21513	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 69 Major choice redit points from the following options: Integrated Communication Public Relations Organisational Change and Communication No specified major 60 Management electives redit points from the following options: Global Strategic Management Transnational Management Business Ethics and Sustainability	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp 24cp 24cp Total 24cp
32567 32568 32569 32570 32148 32571 32513 32530 32004 32501 32543 32543 32543 32208 32990 32995 32998 32130 32039 32040 32120 32510	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques Systems Quality Management Information Systems Strategy IT Contracts and Outsourcing People Management for IT .NET Application Development Fundamentals of Data Analytics Recent Advances in Software Engineering Industry Project Introduction to e-Business Technology Principles of Object-oriented Programming in C++ Global Information Systems	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08055 MAJ08059 STM90770 CBK9085 Select 12 c 21630 21591 21513	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 49 Major choice tredit points from the following options: 7 Integrated Communication 8 Public Relations 9 Organisational Change and Communication 10 No specified major 50 Management electives tredit points from the following options: Global Strategic Management Transnational Management	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp 24cp 24cp Total 24cp
32567 32568 32569 32570 32148 32571 32513 32530 32004 32501 32544 32603 32208 32990 32995 32998 32130 32039 32040 32120 32510	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques Systems Quality Management Information Systems Strategy IT Contracts and Outsourcing People Management for IT .NET Application Development Fundamentals of Data Analytics Recent Advances in Software Engineering Industry Project Introduction to e-Business Technology Principles of Object-oriented Programming in C++ Global Information Systems Recent Advances in Computer Systems	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08055 MAJ08059 STM90770 CBK9085 Select 12 c 21630 21591 21513 CBK9085	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 69 Major choice redit points from the following options: Integrated Communication Public Relations Organisational Change and Communication No specified major 60 Management electives redit points from the following options: Global Strategic Management Transnational Management Business Ethics and Sustainability 61 Biomedical Engineering	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp 24cp 24cp 12cp 6cp 6cp 6cp 6cp
32567 32568 32569 32570 32148 32571 32513 32530 32003 32004 32501 32543 32544 32603 32208 32990 32995 32998 32130 32039 32040 32120 32510 32531 32901 32902	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques Systems Quality Management Information Systems Strategy IT Contracts and Outsourcing People Management for IT .NET Application Development Fundamentals of Data Analytics Recent Advances in Software Engineering Industry Project Introduction to e-Business Technology Principles of Object-oriented Programming in C++ Global Information Systems Recent Advances in Computer Systems Recent Advances in Information Systems	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08055 MAJ08059 STM90770 CBK9085 Select 12 c 21630 21591 21513 CBK9085 49261	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 69 Major choice redit points from the following options: Integrated Communication Public Relations Organisational Change and Communication No specified major 60 Management electives redit points from the following options: Global Strategic Management Transnational Management Business Ethics and Sustainability 61 Biomedical Engineering Biomedical Instrumentation	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp 24cp 24cp 12cp 6cp 6cp 6cp 6cp Total 12cp
32567 32568 32569 32570 32148 32571 32513 32530 32003 32004 32501 32543 32544 32603 32208 32990 32995 32998 32130 32039 32040 32120 32510 32531 32901 32902	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques Systems Quality Management Information Systems Strategy IT Contracts and Outsourcing People Management for IT .NET Application Development Fundamentals of Data Analytics Recent Advances in Software Engineering Industry Project Introduction to e-Business Technology Principles of Object-oriented Programming in C++ Global Information Systems Recent Advances in Computer Systems Recent Advances in Information Systems	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08055 MAJ08059 STM90770 CBK9085 Select 12 c 21630 21591 21513 CBK9085 49261 Select 6 cm	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 49 Major choice redit points from the following options: Integrated Communication Public Relations Organisational Change and Communication No specified major 60 Management electives redit points from the following options: Global Strategic Management Transnational Management Business Ethics and Sustainability 61 Biomedical Engineering Biomedical Instrumentation edit points from the following options:	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp 24cp 24cp 12cp 6cp 6cp 6cp 6cp
32567 32568 32569 32570 32148 32571 32513 32530 32004 32501 32543 32544 32603 32208 32990 32995 32998 32130 32039 32040 32120 32510 32531 32901 32902 32912	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques Systems Quality Management Information Systems Strategy IT Contracts and Outsourcing People Management for IT .NET Application Development Fundamentals of Data Analytics Recent Advances in Software Engineering Industry Project Introduction to e-Business Technology Principles of Object-oriented Programming in C++ Global Information Systems Recent Advances in Computer Systems Recent Advances in Information Systems Internet Quality of Service (QoS)	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08055 MAJ08059 STM90770 CBK9085 Select 12 c 21630 21591 21513 CBK9085 49261	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 49 Major choice redit points from the following options: Integrated Communication Public Relations Organisational Change and Communication No specified major 60 Management electives redit points from the following options: Global Strategic Management Transnational Management Business Ethics and Sustainability 61 Biomedical Engineering Biomedical Instrumentation edit points from the following options: Human Anatomy and Physiology	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp 24cp 24cp 12cp 6cp 6cp 6cp 6cp 7otal 12cp
32567 32568 32569 32570 32148 32571 32513 32530 32004 32501 32543 32544 32603 32208 32990 32995 32998 32130 32039 32040 32120 32510 32531 32901 32902 32012 32013	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques Systems Quality Management Information Systems Strategy IT Contracts and Outsourcing People Management for IT .NET Application Development Fundamentals of Data Analytics Recent Advances in Software Engineering Industry Project Introduction to e-Business Technology Principles of Object-oriented Programming in C++ Global Information Systems Recent Advances in Computer Systems Recent Advances in Computer Systems Recent Advances in Information Systems Internet Quality of Service (QoS) .NET Enterprise Development	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08055 MAJ08059 STM90770 CBK9085 Select 12 c 21630 21591 21513 CBK9085 49261 Select 6 cc 91400	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 49 Major choice redit points from the following options: Integrated Communication Public Relations Organisational Change and Communication No specified major 60 Management electives redit points from the following options: Global Strategic Management Transnational Management Business Ethics and Sustainability 61 Biomedical Engineering Biomedical Instrumentation edit points from the following options: Human Anatomy and Physiology	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp 24cp 24cp Total 24cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp
32567 32568 32569 32570 32148 32571 32513 32530 32003 32004 32501 32543 32544 32603 32208 32990 32995 32998 32130 32039 32040 32120 32510 32531 32901 32902 32012 32013 32013 32027	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques Systems Quality Management Information Systems Strategy IT Contracts and Outsourcing People Management for IT .NET Application Development Fundamentals of Data Analytics Recent Advances in Software Engineering Industry Project Introduction to e-Business Technology Principles of Object-oriented Programming in C++ Global Information Systems Recent Advances in Computer Systems Recent Advances in Information Systems Internet Quality of Service (QoS) .NET Enterprise Development Multimedia Systems Design	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08055 MAJ08059 STM90770 CBK9085 Select 12 c 21630 21591 21513 CBK9085 49261 Select 6 cm	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 49 Major choice redit points from the following options: Integrated Communication Public Relations Organisational Change and Communication No specified major 60 Management electives redit points from the following options: Global Strategic Management Transnational Management Business Ethics and Sustainability 61 Biomedical Engineering Biomedical Instrumentation edit points from the following options:	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp 24cp 24cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp
32567 32568 32569 32570 32148 32571 32513 32530 32004 32501 32543 32544 32603 32208 32990 32995 32998 32130 32039 32040 32120 32510 32531 32901 32902 32012 32013	Business Intelligence Modelling and Analysis Enterprise Business Requirements Enterprise Software Architecture and Middleware Enterprise Computing Enterprise Software Testing Advanced Data Mining Algorithms Building Intelligent Agents Computer Game Design Game Programming Computer Graphics 3D Animation Advanced Image Synthesis Techniques Systems Quality Management Information Systems Strategy IT Contracts and Outsourcing People Management for IT .NET Application Development Fundamentals of Data Analytics Recent Advances in Software Engineering Industry Project Introduction to e-Business Technology Principles of Object-oriented Programming in C++ Global Information Systems Recent Advances in Computer Systems Recent Advances in Computer Systems Recent Advances in Information Systems Internet Quality of Service (QoS) .NET Enterprise Development	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	57035 57994 57995 57087 57175 57167 CBK9084 Select 24 c MAJ08055 MAJ08059 STM90770 CBK9085 Select 12 c 21630 21591 21513 CBK9085 49261 Select 6 cc 91400	Communication Managing Organisational Communication Learning in Organisations Knowledge Management and the Organisation Creative Producing Moving Image 49 Major choice redit points from the following options: Integrated Communication Public Relations Organisational Change and Communication No specified major 60 Management electives redit points from the following options: Global Strategic Management Transnational Management Business Ethics and Sustainability 61 Biomedical Engineering Biomedical Instrumentation edit points from the following options: Human Anatomy and Physiology	8cp 8cp 8cp 8cp 8cp Total 8cp 24cp 24cp 24cp 24cp Total 24cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp

CBK908						
	52 Biomedical Engineering			92609	Pharmacological Therapies in Advanced	
Select 18 o	credit points from the following options:		18cp		Practice	6ср
49275	Neural Networks and Fuzzy Logic	6ср	1	92946	Project Part A	6ср
49274	Advanced Robotics	6cp		92947	Project Part B	6cp
49048	Wireless Networking Technologies	6ср		92812	Project	12cp
91705	Medical Devices and Diagnostics	6ср		92616	Core Concepts in Acute Care Nursing	6cp
91403	Medical Imaging	6ср		92617	Early Interventions in Acute Care Nursing	6ср
91140	BioNanotechnology	6ср		92023	Health Services Resource Management	6ср
91239	Human Pathophysiology	6ср		92296	Epidemiology and Population Health	6ср
		Total	18ср	92022	Improving Quality and Safety in Health Care	6ср
CDKOUO	E2 Engineering Management			92297	Health Systems and Change	6ср
	53 Engineering Management		10	,,	Treature by oterino unital estimation	Total 12cp
	credit points from the following options:		18cp			
49001 49006	Judgment and Decision Making Risk Management in Engineering	6cp		CBK9085	58 Options (JD)	
49006		6ср			credit points from the following options:	24cp
49010	Technology and Innovation Management	6ср		78100	Postgraduate Legal Research	8cp
49306	Quality and Operations Management	оср		78102	LLM Project by Research	8cp
17500	Systems	6ср		78104	Genetics and the Law	8cp
60904	Innovation, Entrepreneurship and	оср		78106	Climate Law and Carbon Markets	8cp
00701	Commercialisation	6ср		78108	Globalisation and International Economic	1
	Commercialisador	Total	18cp		Law	8cp
			1	78110	Banking and Finance Law	8ср
CBK908!	54 Biomedical Engineering			78112	Securities Regulation	8ср
	credit points from the following options:		12cp	78114	Financial Analysis for the Transactional	
49275	Neural Networks and Fuzzy Logic	6ср	-1	-0446	Lawyer	8ср
49274	Advanced Robotics	6ср		78116	International Regulation of Financial	0
49048	Wireless Networking Technologies	6ср		F011C	Institutions	8cp
91705	Medical Devices and Diagnostics	6cp		78118	Business and Law in China	8cp
91403	Medical Imaging	6ср		78119	Commercial Arbitration (Domestic)	8cp
91140	BioNanotechnology	6ср		78121	Corporate Insolvency	8cp
91239	Human Pathophysiology	6ср		78123 78124	Deceptive Trade Practices	8cp
		Total	12cp	78124 78125	Dispute Resolution in Commerce	8cp
				78123 78127	Corporate Governance Advanced Mediation	8cp
CBK908	55 Electives (Community and Not-for-Pr	ofit		78127	Child Law in Australia	8ср 8ср
Manager	ment)			78128	Complex Parenting Disputes	
•		niasta ar		78130	Complex Financial and Property Disputes	8ср
The electr	ves chosen should comprise postgraduate sub	ojects of	шу.	70132	(in Family Law)	8ср
Completi	ion requirements			78134	Current Issues in Family Law	8cp
	ce of electives.			78136	Dispute Resolution	8cp
riee choic	te of electives.			78137	Facilitation	8cp
CBKOUS	56 Major choice			78139	Family Dispute Resolution	8cp
	-		72 cm	78140	International and Comparative Family	1
Select /2 (credit points from the following options:		72cp			
					Law	8ср
MAJ06215	5 Health Research	72cp		78142	New Families, New Technologies	8ср 8ср
MAJ06215 MAJ08968	5 Health Research 8 Health Services Planning	72cp 72cp		78142 78143		8cp 8cp 8cp
MAJ06215 MAJ08968 MAJ08969	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care	72cp 72cp 72cp			New Families, New Technologies	8cp
MAJ06215 MAJ08965 MAJ08965 MAJ08970	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management	72cp 72cp 72cp 72cp		78143 78144 78146	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law	8cp 8cp 8cp 8cp
MAJ06215 MAJ08965 MAJ08965 MAJ08970	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care	72cp 72cp 72cp 72cp 72cp	72cp	78143 78144 78146 78148	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law	8cp 8cp 8cp 8cp 8cp
MAJ06215 MAJ08965 MAJ08965 MAJ08970	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management	72cp 72cp 72cp 72cp 72cp	72cp	78143 78144 78146 78148 78149	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health	8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08969 MAJ08969 MAJ08970 STM90712	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major)	72cp 72cp 72cp 72cp 72cp	72cp	78143 78144 78146 78148 78149 78151	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law	8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08968 MAJ08969 MAJ08970 STM90712	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major)	72cp 72cp 72cp 72cp 72cp 72cp Total	•	78143 78144 78146 78148 78149 78151 78152	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08968 MAJ08969 MAJ08970 STM90712	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options:	72cp 72cp 72cp 72cp 72cp 72cp Total	72cp 12cp	78143 78144 78146 78148 78149 78151 78152 78154	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law	8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08966 MAJ08970 STM90712 CBK9088 Select 12 0	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options: Mental Health Assessment	72cp 72cp 72cp 72cp 72cp Total	•	78143 78144 78146 78148 78149 78151 78152	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08968 MAJ08969 MAJ08970 STM90712	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options:	72cp 72cp 72cp 72cp 72cp Total	•	78143 78144 78146 78148 78149 78151 78152 78154 78155	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08966 MAJ08970 STM90712 CBK9088 Select 12 0	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health	72cp 72cp 72cp 72cp 72cp Total 6cp	•	78143 78144 78146 78148 78149 78151 78152 78154 78155	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08966 MAJ08966 MAJ08970 STM90712 CBK9081 Select 12 of 92604 92605	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2	72cp 72cp 72cp 72cp 72cp Total	•	78143 78144 78146 78148 78149 78151 78152 78154 78155	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08966 MAJ08966 MAJ08976 STM90713 Select 12 6 92604 92605 92713 92603	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care	72cp 72cp 72cp 72cp 72cp Total 6cp	•	78143 78144 78146 78148 78149 78151 78152 78154 78155 78157 78159	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06215 MAJ08966 MAJ08966 MAJ08970 STM90712 CBK9085 Select 12 6 92604 92605 92713 92603 92603	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care Education for Practice Development	72cp 72cp 72cp 72cp 72cp 72cp Total 6cp	•	78143 78144 78146 78148 78149 78151 78152 78154 78155 78157 78159	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08966 MAJ08966 MAJ08970 STM90712 CBK9083 Select 12 6 92604 92605 92713 92603 92607 92721	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care Education for Practice Development Health Promotion and Health Education	72cp 72cp 72cp 72cp 72cp Total 6cp 6cp 6cp 6cp	•	78143 78144 78146 78148 78149 78151 78152 78154 78155 78157 78159 78161 78163	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08966 MAJ08966 MAJ08970 STM90712 CBK9083 Select 12 of 92604 92605 92713 92603 92607 92721 92847	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care Education for Practice Development	72cp 72cp 72cp 72cp 72cp 72cp Total 6cp 6cp 6cp	•	78143 78144 78146 78148 78149 78151 78152 78154 78155 78157 78159	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08966 MAJ08966 MAJ08970 STM90712 CBK9081 Select 12 of 92604 92605 92713 92603 92607 92721 92847 92848	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care Education for Practice Development Health Promotion and Health Education Planning and Evaluating Health Services Facilitation of Clinical Learning	72cp 72cp 72cp 72cp 72cp Total 6cp 6cp 6cp 6cp	•	78143 78144 78144 78146 78148 78151 78152 78154 78155 78157 78159 78161 78163 78165	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08966 MAJ08966 MAJ08970 STM90712 Select 12 of 92604 92605 92713 92603 92607 92721 92847 92848 92871	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care Education for Practice Development Health Promotion and Health Education Planning and Evaluating Health Services Facilitation of Clinical Learning Perinatal Development	72cp 72cp 72cp 72cp 72cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	•	78143 78144 78144 78146 78148 78151 78152 78154 78155 78157 78159 78161 78163 78165	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08966 MAJ08966 MAJ08970 STM90712 CBK9081 Select 12 of 92604 92605 92713 92603 92607 92721 92847 92848	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives Credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care Education for Practice Development Health Promotion and Health Education Planning and Evaluating Health Services Facilitation of Clinical Learning Perinatal Development Therapeutic Interventions in Mental Health	72cp 72cp 72cp 72cp 72cp 72cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp	•	78143 78144 78144 78146 78148 78151 78152 78154 78155 78157 78159 78161 78163 78165	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08966 MAJ08966 MAJ08970 STM90713 Select 12 of 92604 92605 92713 92603 92607 92721 92847 92848 92871 92876	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives Credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care Education for Practice Development Health Promotion and Health Education Planning and Evaluating Health Services Facilitation of Clinical Learning Perinatal Development Therapeutic Interventions in Mental Health Care	72cp 72cp 72cp 72cp 72cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	•	78143 78144 78146 78148 78149 78151 78152 78154 78155 78157 78159 78161 78163 78165 78167 78169	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06215 MAJ08966 MAJ08966 MAJ08970 STM90715 Select 12 6 92604 92605 92713 92603 92607 92721 92847 92848 92871 92876	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care Education for Practice Development Health Promotion and Health Education Planning and Evaluating Health Services Facilitation of Clinical Learning Perinatal Development Therapeutic Interventions in Mental Health Care Care of the Child in Illness and Disability	72cp 72cp 72cp 72cp 72cp 72cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	•	78143 78144 78144 78146 78148 78151 78152 78154 78155 78157 78159 78161 78163 78165	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles Crisis Negotiation	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08964 MAJ08965 MAJ08970 STM90713 Select 12 6 92604 92605 92713 92603 92607 92721 92847 92848 92871 92876 92878 92878	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care Education for Practice Development Health Promotion and Health Education Planning and Evaluating Health Services Facilitation of Clinical Learning Perinatal Development Therapeutic Interventions in Mental Health Care Care of the Child in Illness and Disability Foundations of Perioperative Nursing	72cp 72cp 72cp 72cp 72cp 72cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	•	78143 78144 78146 78148 78149 78151 78152 78154 78155 78157 78159 78161 78163 78165 78167 78169	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08966 MAJ08966 MAJ08970 STM90712 CBK9081 Select 12 of 92604 92605 92713 92603 92607 92721 92847 92848 92871 92876 92878 92878 92881 92882	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care Education for Practice Development Health Promotion and Health Education Planning and Evaluating Health Services Facilitation of Clinical Learning Perinatal Development Therapeutic Interventions in Mental Health Care Care of the Child in Illness and Disability Foundations of Perioperative Nursing Techniques in Perioperative Nursing	72cp 72cp 72cp 72cp 72cp 72cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	•	78143 78144 78144 78146 78148 78151 78152 78154 78155 78157 78159 78161 78163 78165 78167 78169	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles Crisis Negotiation Dispute Resolution in Civil Practice	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08966 MAJ08966 MAJ08970 STM90712 CBK9083 Select 12 of 92604 92605 92713 92603 92607 92721 92847 92848 92871 92876 92878 92881 92882 92887	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care Education for Practice Development Health Promotion and Health Education Planning and Evaluating Health Services Facilitation of Clinical Learning Perinatal Development Therapeutic Interventions in Mental Health Care Care of the Child in Illness and Disability Foundations of Perioperative Nursing Techniques in Perioperative Nursing Organisational Management in Health Care	72cp 72cp 72cp 72cp 72cp 72cp 72cp 72cp	•	78143 78144 78144 78146 78148 78151 78152 78154 78155 78157 78159 78161 78163 78165 78167 78169 78171 78172 78174	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles Crisis Negotiation Dispute Resolution in Civil Practice Mediation Practice	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08966 MAJ08966 MAJ08970 STM90712 Select 12 6 92604 92605 92713 92607 92721 92847 92848 92871 92876 92881 92882 92887 92887	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care Education for Practice Development Health Promotion and Health Education Planning and Evaluating Health Services Facilitation of Clinical Learning Perinatal Development Therapeutic Interventions in Mental Health Care Care of the Child in Illness and Disability Foundations of Perioperative Nursing Techniques in Perioperative Nursing Organisational Management in Health Care Issues in Neonatal Care	72cp 72cp 72cp 72cp 72cp 72cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	•	78143 78144 78144 78146 78148 78151 78152 78154 78155 78157 78159 78161 78163 78165 78167 78169 78171 78172 78174 78175	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles Crisis Negotiation Dispute Resolution in Civil Practice Mediation Practice Negotiation Workplace Dispute Resolution Converging Media Industries: Regulatory	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08966 MAJ08966 MAJ08970 STM90712 Select 12 of 92604 92605 92713 92607 92721 92847 92848 92871 92876 92881 92882 92887 92882 92887 92895 92902	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care Education for Practice Development Health Promotion and Health Education Planning and Evaluating Health Services Facilitation of Clinical Learning Perinatal Development Therapeutic Interventions in Mental Health Care Care of the Child in Illness and Disability Foundations of Perioperative Nursing Techniques in Perioperative Nursing Organisational Management in Health Care Issues in Neonatal Care Care of the Acutely Ill Child	72cp 72cp 72cp 72cp 72cp 72cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	•	78143 78144 78144 78146 78148 78151 78152 78154 78155 78157 78159 78161 78163 78165 78167 78169 78171 78172 78174 78175 78176 78177	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles Crisis Negotiation Dispute Resolution in Civil Practice Mediation Practice Negotiation Workplace Dispute Resolution Converging Media Industries: Regulatory Challenges	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08966 MAJ08966 MAJ08970 STM90713 Select 12 of 92604 92605 92713 92607 92721 92847 92848 92871 92876 92882 92881 92882 92887 92895 92902 92905	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives Credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care Education for Practice Development Health Promotion and Health Education Planning and Evaluating Health Services Facilitation of Clinical Learning Perinatal Development Therapeutic Interventions in Mental Health Care Care of the Child in Illness and Disability Foundations of Perioperative Nursing Techniques in Perioperative Nursing Organisational Management in Health Care Issues in Neonatal Care Care of the Acutely Ill Child Dimensions of Anaesthesia Nursing	72cp 72cp 72cp 72cp 72cp 72cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	•	78143 78144 78144 78146 78148 78151 78152 78154 78155 78157 78159 78161 78163 78165 78167 78169 78171 78172 78174 78175 78176 78177	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles Crisis Negotiation Dispute Resolution in Civil Practice Mediation Practice Negotiation Workplace Dispute Resolution Converging Media Industries: Regulatory Challenges Telecommunications Law and Regulations	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08966 MAJ08966 MAJ08970 STM90712 Select 12 of 92604 92605 92713 92607 92721 92847 92848 92871 92876 92881 92882 92887 92882 92887 92895 92902	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care Education for Practice Development Health Promotion and Health Education Planning and Evaluating Health Services Facilitation of Clinical Learning Perinatal Development Therapeutic Interventions in Mental Health Care Care of the Child in Illness and Disability Foundations of Perioperative Nursing Techniques in Perioperative Nursing Organisational Management in Health Care Issues in Neonatal Care Care of the Acutely Ill Child Dimensions of Anaesthesia Nursing Using Health Care Data for Decision	72cp 72cp 72cp 72cp 72cp 72cp Total 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	•	78143 78144 78144 78146 78148 78151 78152 78154 78155 78157 78159 78161 78163 78165 78167 78169 78171 78172 78174 78175 78176 78177	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles Crisis Negotiation Dispute Resolution in Civil Practice Mediation Practice Negotiation Workplace Dispute Resolution Converging Media Industries: Regulatory Challenges Telecommunications Law and Regulations Global Aspects of Intellectual Property	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06215 MAJ08966 MAJ08966 MAJ08976 STM90715 CBK9085 Select 12 6 92604 92605 92713 92603 92607 92721 92847 92848 92871 92876 92878 92881 92882 92887 92895 92902 92905 92917	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care Education for Practice Development Health Promotion and Health Education Planning and Evaluating Health Services Facilitation of Clinical Learning Perinatal Development Therapeutic Interventions in Mental Health Care Care of the Child in Illness and Disability Foundations of Perioperative Nursing Techniques in Perioperative Nursing Organisational Management in Health Care Issues in Neonatal Care Care of the Acutely III Child Dimensions of Anaesthesia Nursing Using Health Care Data for Decision Making	72cp 72cp 72cp 72cp 72cp 72cp 72cp 72cp	•	78143 78144 78144 78146 78148 78151 78152 78154 78155 78157 78159 78161 78163 78165 78167 78169 78171 78172 78174 78175 78176 78177	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles Crisis Negotiation Dispute Resolution in Civil Practice Mediation Practice Negotiation Workplace Dispute Resolution Converging Media Industries: Regulatory Challenges Telecommunications Law and Regulations Global Aspects of Intellectual Property Law	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08966 MAJ08966 MAJ08970 STM90713 Select 12 0 92604 92605 92713 92603 92607 92721 92847 92848 92871 92876 92878 92881 92882 92887 92895 92902 92905 92917	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives Credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care Education for Practice Development Health Promotion and Health Education Planning and Evaluating Health Services Facilitation of Clinical Learning Perinatal Development Therapeutic Interventions in Mental Health Care Care of the Child in Illness and Disability Foundations of Perioperative Nursing Techniques in Perioperative Nursing Organisational Management in Health Care Issues in Neonatal Care Care of the Acutely Ill Child Dimensions of Anaesthesia Nursing Using Health Care Data for Decision Making Fundamentals of Critical Care Nursing	72cp 72cp 72cp 72cp 72cp 72cp 72cp 72cp	•	78143 78144 78144 78146 78148 78151 78152 78154 78155 78157 78159 78161 78163 78165 78167 78169 78171 78172 78174 78175 78176 78177 78179 78183	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles Crisis Negotiation Dispute Resolution in Civil Practice Mediation Practice Negotiation Workplace Dispute Resolution Converging Media Industries: Regulatory Challenges Telecommunications Law and Regulations Global Aspects of Intellectual Property Law Intellectual Property: Law and Policy	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08966 MAJ08966 MAJ08970 STM90712 Select 12 6 92604 92605 92713 92603 92607 92721 92847 92848 92871 92876 92878 92881 92882 92887 92895 92905 92917	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care Education for Practice Development Health Promotion and Health Education Planning and Evaluating Health Services Facilitation of Clinical Learning Perinatal Development Therapeutic Interventions in Mental Health Care Care of the Child in Illness and Disability Foundations of Perioperative Nursing Techniques in Perioperative Nursing Organisational Management in Health Care Issues in Neonatal Care Care of the Acutely Ill Child Dimensions of Anaesthesia Nursing Using Health Care Data for Decision Making Fundamentals of Critical Care Nursing Complex Critical Care	72cp 72cp 72cp 72cp 72cp 72cp 72cp 72cp	•	78143 78144 78144 78146 78148 78151 78152 78154 78155 78157 78159 78161 78163 78165 78167 78169 78171 78172 78174 78175 78176 78177	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles Crisis Negotiation Dispute Resolution in Civil Practice Mediation Practice Negotiation Workplace Dispute Resolution Converging Media Industries: Regulatory Challenges Telecommunications Law and Regulations Global Aspects of Intellectual Property Law Intellectual Property: Law and Policy Intellectual Property and Traditional	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08966 MAJ08966 MAJ08970 STM90712 Select 12 6 92604 92605 92713 92603 92607 92721 92847 92848 92871 92876 92878 92881 92882 92887 92895 92902 92905 92917	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care Education for Practice Development Health Promotion and Health Education Planning and Evaluating Health Services Facilitation of Clinical Learning Perinatal Development Therapeutic Interventions in Mental Health Care Care of the Child in Illness and Disability Foundations of Perioperative Nursing Techniques in Perioperative Nursing Organisational Management in Health Care Issues in Neonatal Care Care of the Acutely Ill Child Dimensions of Anaesthesia Nursing Using Health Care Data for Decision Making Fundamentals of Critical Care Nursing Complex Critical Care Neuroscience: Trauma and Cerebrovascular	72cp 72cp 72cp 72cp 72cp 72cp 72cp 72cp	•	78143 78144 78144 78146 78148 78151 78152 78154 78155 78157 78159 78161 78163 78165 78167 78169 78171 78172 78174 78175 78176 78177 78179 78183 78185 78185	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles Crisis Negotiation Dispute Resolution in Civil Practice Mediation Practice Negotiation Workplace Dispute Resolution Converging Media Industries: Regulatory Challenges Telecommunications Law and Regulations Global Aspects of Intellectual Property Law Intellectual Property: Law and Policy	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08966 MAJ08966 MAJ08970 STM90712 Select 12 6 92604 92605 92713 92603 92607 92721 92847 92848 92871 92876 92878 92881 92882 92887 92895 92905 92917	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care Education for Practice Development Health Promotion and Health Education Planning and Evaluating Health Services Facilitation of Clinical Learning Perinatal Development Therapeutic Interventions in Mental Health Care Care of the Child in Illness and Disability Foundations of Perioperative Nursing Techniques in Perioperative Nursing Organisational Management in Health Care Issues in Neonatal Care Care of the Acutely Ill Child Dimensions of Anaesthesia Nursing Using Health Care Data for Decision Making Fundamentals of Critical Care Nursing Complex Critical Care Neuroscience: Trauma and Cerebrovascular Neuroscience: Degenerative and	72cp 72cp 72cp 72cp 72cp 72cp 72cp 72cp	•	78143 78144 78144 78146 78148 78151 78152 78154 78155 78157 78159 78161 78163 78165 78167 78169 78171 78172 78174 78175 78176 78177 78179 78183 78185 78185	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles Crisis Negotiation Dispute Resolution in Civil Practice Mediation Practice Negotiation Workplace Dispute Resolution Converging Media Industries: Regulatory Challenges Telecommunications Law and Regulations Global Aspects of Intellectual Property Law Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Intellectual Property Commercialisation	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08966 MAJ08966 MAJ08976 STM90712 Select 12 6 92604 92605 92713 92607 92721 92847 92848 92871 92876 92882 92887 92882 92887 92902 92905 92917	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care Education for Practice Development Health Promotion and Health Education Planning and Evaluating Health Services Facilitation of Clinical Learning Perinatal Development Therapeutic Interventions in Mental Health Care Care of the Child in Illness and Disability Foundations of Perioperative Nursing Techniques in Perioperative Nursing Organisational Management in Health Care Issues in Neonatal Care Care of the Acutely Ill Child Dimensions of Anaesthesia Nursing Using Health Care Data for Decision Making Fundamentals of Critical Care Nursing Complex Critical Care Neuroscience: Trauma and Cerebrovascular Neuroscience: Degenerative and Oncological	72cp 72cp 72cp 72cp 72cp 72cp 72cp 72cp	•	78143 78144 78144 78146 78148 78151 78152 78154 78155 78157 78159 78161 78163 78165 78167 78169 78171 78172 78174 78175 78176 78177 78179 78183 78185 78187	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles Crisis Negotiation Dispute Resolution in Civil Practice Mediation Practice Negotiation Workplace Dispute Resolution Converging Media Industries: Regulatory Challenges Telecommunications Law and Regulations Global Aspects of Intellectual Property Law Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Intellectual Property Commercialisation Patent Law	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp
MAJ06213 MAJ08966 MAJ08966 MAJ08970 STM90712 Select 12 6 92604 92605 92713 92603 92607 92721 92847 92848 92871 92876 92878 92881 92882 92887 92895 92902 92905 92917	5 Health Research 8 Health Services Planning 9 Safety and Quality in Health Care 0 Clinical Management 2 Health Services Management (No major) 57 Electives credit points from the following options: Mental Health Assessment Therapeutic Interventions in Mental Health Care 2 Health Breakdown Managing Quality, Risk and Cost in Health Care Education for Practice Development Health Promotion and Health Education Planning and Evaluating Health Services Facilitation of Clinical Learning Perinatal Development Therapeutic Interventions in Mental Health Care Care of the Child in Illness and Disability Foundations of Perioperative Nursing Techniques in Perioperative Nursing Organisational Management in Health Care Issues in Neonatal Care Care of the Acutely Ill Child Dimensions of Anaesthesia Nursing Using Health Care Data for Decision Making Fundamentals of Critical Care Nursing Complex Critical Care Neuroscience: Trauma and Cerebrovascular Neuroscience: Degenerative and	72cp 72cp 72cp 72cp 72cp 72cp 72cp 72cp	•	78143 78144 78144 78146 78148 78151 78152 78154 78155 78157 78159 78161 78163 78165 78167 78169 78171 78172 78174 78175 78176 78177 78179 78183 78185 78185	New Families, New Technologies Psychology and Dispute Resolution Contemporary Issues in Health Law Dilemmas in Biomedical Law Law and Medicine Law and Mental Health Human Rights Law International Commercial Transactions International Criminal Law International Environmental Law: Policy and Implementation Private International Law Rights and Obligations in the International Legal System Global Governance and Social Justice Law and Regulation Media and Entertainment Law and Regulation Perspectives on Regulation Regulatory Strategies and Compliance Principles Crisis Negotiation Dispute Resolution in Civil Practice Mediation Practice Negotiation Workplace Dispute Resolution Converging Media Industries: Regulatory Challenges Telecommunications Law and Regulations Global Aspects of Intellectual Property Law Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge Intellectual Property Commercialisation	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp

78192	Trade Marks Law	8ср	CBK908	364 Computer Systems Innovation choic	۰۵
78193	Trade Marks Practice	8cp		credit points from the following options:	36cp
78194	Designs Law and Practice	8cp	48430	Embedded C	6ср
78195	Copyright Law	8cp	48434	Embedded Coftware	6ср
78196	Insurance Law	8cp	48450	Real-time Operating Systems	6ср
78198	Corporate Finance Transactions 1	8cp	48520	Electronics and Circuits	6ср
78200	Corporate Finance Transactions 2	8cp	48451	Advanced Digital Systems	6cp
78202	International Development Law	8cp	48570	Data Acquisition and Distribution	6cp
78204	Legal Perspectives on the Internet	8cp		1	Total 36cp
78207	International Organisations	8cp			1
78208	Taxation of Commercial Enterprises	8ср	CBK908	365 Mechanical Innovation choice	
78211	Law and Literature	8cp	Select 24	credit points from the following options:	24cp
78213	Communications and Technology: A Primer	_ *	48660	Dynamics and Control	6ср
78215	Finance Law	8cp	60101	Chemistry and Materials Science	6cp
78217	Competition Law in a Global Context	8cp	48641	Fluid Mechanics	6cp
78219	Animal Law and Policy in Australia	8cp	48651	Thermodynamics	6ср
78221 78223	Commercial Equity	8cp	48661	Heat Transfer	6ср
78223 78224	Law of Slavery and Human Trafficking	8cp	48640	Machine Dynamics	6ср
70224	International Trade Law and the Environment	Q _{crp}	48663	Advanced Manufacturing	6ср
78226	Environmental and Sustainable	8cp	48601	Mechanical Vibration and Measurement	6ср
70220	Development Law of China	8ср			Total 24cp
78228	Financial Services Law and Compliance in	оср	0.01/0.00		
70220	Australia	8ср	CBK908	366 Mechanical and Mechatronics Innov	ation choice
77800	International Commercial Dispute	оср	Select 12	credit points from the following options:	12cp
77000	Resolution	8cp	48660	Dynamics and Control	6ср
	resolution	Total 24cp	48520	Electronics and Circuits	6ср
		10 км 2 1 ср	48641	Fluid Mechanics	6ср
CBK908	60 PM advanced		48651	Thermodynamics	6ср
Select 48 o	credit points from the following options:	48cp	48640	Machine Dynamics	6ср
15314	Project Implementation	6ср	48531	Electromechanical Automation	6cp
15326	Project Management Practicum	6ср			Total 12cp
15327	Managing Project Complexity	6cp	CDVOO	0/7 Diamodical Engineering stream she	iaa
15330	Program Management	6cp		867 Biomedical Engineering stream cho	
15336	Systems Thinking for Managers	6cp		credit points from the following options:	12cp
15338	Realising Project Benefits	6ср		78 Physical sciences stream	12cp
15346	Governance and Leadership of Project	_	51101907	79 Biomedical sciences stream	12cp
	Management	6ср			Total 12cp
15347	The Project Organisation:		CBK908	RAS Major choice (SecEd)	
	A new Organisational Model	6ср		868 Major choice (SecEd)	
15356	A new Organisational Model Reflective Project Practice	6ср		868 Major choice (SecEd) ice of electives.	
15356 15462	A new Organisational Model Reflective Project Practice Introduction to Research	6cp 6cp	Free cho	ice of electives.	
15356 15462 15463	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process	6ср	Free cho	ice of electives. 869 Electives (SecEd)	
15356 15462	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and	6cp 6cp	Free cho	ice of electives.	
15356 15462 15463 15325	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management	6cp 6cp 6cp	Free cho CBK908 Free cho	ice of electives. 869 Electives (SecEd) ice of electives.	
15356 15462 15463 15325	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and	6cp 6cp 6cp 6cp 24cp	Free cho CBK908 Free cho CBK908	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd)	12.00
15356 15462 15463 15325	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management	6cp 6cp 6cp	CBK908 Free cho CBK908 Select 12	ice of electives. 869 Electives (SecEd) ice of electives. 870 HSIE options (SecEd) credit points from the following options:	12cp
15356 15462 15463 15325 CBK90861	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management PM specialist sub-major	6cp 6cp 6cp 6cp 24cp	CBK908 Free cho CBK908 Select 12	ice of electives. 869 Electives (SecEd) ice of electives. 870 HSIE options (SecEd) credit points from the following options: 81 Business Studies/Economics subjects	-
15356 15462 15463 15325 CBK90861	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management PM specialist sub-major	6cp 6cp 6cp 24cp Total 48cp	Free cho CBK908 Free cho CBK908 Select 12 STM907	ice of electives. 869 Electives (SecEd) ice of electives. 870 HSIE options (SecEd) a credit points from the following options: 81 Business Studies/Economics subjects (SecEd)	12cp 12cp
15356 15462 15463 15325 CBK90862 CBK90862 Select 24 G	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management PM specialist sub-major 51 PM specialist sub-major credit points from the following options:	6cp 6cp 6cp 24cp Total 48cp	Free cho CBK908 Free cho CBK908 Select 12 STM907	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) credit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/	12cp
15356 15462 15463 15325 CBK90861 CBK9086 Select 24 G SMJ08216	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management I PM specialist sub-major S1 PM specialist sub-major credit points from the following options: Business	6cp 6cp 6cp 24cp Total 48cp	Free cho CBK908 Free cho CBK908 Select 12 STM907	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) credit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/ History subjects (SecEd)	-
15356 15462 15463 15325 CBK90863 CBK90865 Select 24 G SMJ08216 SMJ03061	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management I PM specialist sub-major S1 PM specialist sub-major credit points from the following options: Business Engineering	6cp 6cp 6cp 24cp Total 48cp 24cp 24cp 24cp	Free cho CBK908 Free cho CBK908 Select 12 STM907	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) c credit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/ History subjects (SecEd) 83 Business Studies/Economics/	12cp 12cp
15356 15462 15463 15325 CBK90863 CBK90865 Select 24 G SMJ08216 SMJ03061	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management I PM specialist sub-major S1 PM specialist sub-major credit points from the following options: Business	6cp 6cp 6cp 24cp Total 48cp 24cp 24cp 24cp 24cp	Free cho CBK908 Free cho CBK908 Select 12 STM907 STM907	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) credit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/ History subjects (SecEd) 83 Business Studies/Economics/ Society and Culture subjects (SecEd)	12cp
15356 15462 15463 15325 CBK90863 CBK90865 Select 24 G SMJ08216 SMJ03061	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management I PM specialist sub-major S1 PM specialist sub-major credit points from the following options: Business Engineering	6cp 6cp 6cp 24cp Total 48cp 24cp 24cp 24cp	Free cho CBK908 Free cho CBK908 Select 12 STM907 STM907	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) credit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/ History subjects (SecEd) 83 Business Studies/Economics/ Society and Culture subjects (SecEd) 84 Business Studies/Economics/	12cp 12cp 12cp
15356 15462 15463 15325 CBK90865 CBK90865 Select 24 of SMJ08216 SMJ03061 SMJ02069	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management I PM specialist sub-major S1 PM specialist sub-major credit points from the following options: Business Engineering	6cp 6cp 6cp 24cp Total 48cp 24cp 24cp 24cp 24cp	Free cho CBK908 Free cho CBK908 Select 12 STM907 STM907 STM907	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) credit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/ History subjects (SecEd) 83 Business Studies/Economics/ Society and Culture subjects (SecEd) 84 Business Studies/Economics/ Legal Studies Studies/Economics/ Legal Studies Studies SecEd)	12cp 12cp
15356 15462 15463 15325 CBK90863 CBK90865 Select 24 of SMJ03061 SMJ02069	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management PM specialist sub-major The specialist sub-m	6cp 6cp 6cp 24cp Total 48cp 24cp 24cp 24cp 24cp 24cp Total 24cp	Free cho CBK908 Free cho CBK908 Select 12 STM907 STM907 STM907 STM907	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) 2 credit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/ History subjects (SecEd) 83 Business Studies/Economics/ Society and Culture subjects (SecEd) 84 Business Studies/Economics/ Legal Studies subjects (SecEd) 85 History/Society and Culture subjects (SecEd)	12cp 12cp 12cp
15356 15462 15463 15325 CBK90863 CBK90863 Select 24 G SMJ03061 SMJ02069 CBK9086 Select 36 G	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management PM specialist sub-major Tredit points from the following options: Business Engineering Information Technology 62 Software Innovation choice credit points from the following options:	6cp 6cp 6cp 24cp Total 48cp 24cp 24cp 24cp 24cp 24cp 36cp	Free cho CBK908 Free cho CBK908 Select 12 STM907 STM907 STM907 STM907	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) Credit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/ History subjects (SecEd) 83 Business Studies/Economics/ Society and Culture subjects (SecEd) 84 Business Studies/Economics/ Legal Studies Studies/Economics/ Legal Studies subjects (SecEd) 85 History/Society and Culture subjects	12cp 12cp 12cp 12cp
15356 15462 15463 15325 CBK90863 CBK90865 Select 24 of SMJ03061 SMJ02069	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management PM specialist sub-major The specialist sub-m	6cp 6cp 6cp 24cp Total 48cp 24cp 24cp 24cp 24cp 7 Total 24cp	Free cho CBK908 Free cho CBK908 Select 12 STM907 STM907 STM907 STM907 STM907	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) c credit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/ History subjects (SecEd) 83 Business Studies/Economics/ Society and Culture subjects (SecEd) 84 Business Studies/Economics/ Legal Studies subjects (SecEd) 85 History/Society and Culture subjects (SecEd) 86 History/Legal Studies subjects (SecEd) 87 Society and Culture/	12cp 12cp 12cp 12cp 12cp
15356 15462 15463 15325 CBK90863 CBK90863 Select 24 of SMJ03061 SMJ03061 SMJ02069 CBK9086 Select 36 of 48024	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management PM specialist sub-major Tredit points from the following options: Business Engineering Information Technology 62 Software Innovation choice credit points from the following options:	6cp 6cp 6cp 24cp Total 48cp 24cp 24cp 24cp 24cp 24cp Total 24cp 36cp 6cp 6cp	Free cho CBK908 Free cho CBK908 Select 12 STM907 STM907 STM907 STM907 STM907	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) 370 HSIE options (SecEd) 370 HSIE options (SecEd) 381 Business Studies/Economics subjects (SecEd) 382 Business Studies/Economics/ History subjects (SecEd) 383 Business Studies/Economics/ Society and Culture subjects (SecEd) 384 Business Studies/Economics/ Legal Studies subjects (SecEd) 385 History/Society and Culture subjects (SecEd) 386 History/Legal Studies subjects (SecEd)	12cp 12cp 12cp 12cp 12cp
15356 15462 15463 15325 CBK90863 CBK90863 Select 24 G SMJ08216 SMJ03061 SMJ02069 CBK9086 Select 36 G 48024 48440	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management PM specialist sub-major The different points from the following options: Business Engineering Information Technology See Software Innovation choice Credit points from the following options: Applications Programming Software Engineering Practice	6cp 6cp 6cp 24cp Total 48cp 24cp 24cp 24cp 24cp 24cp 7otal 24cp 36cp 6cp 6cp	Free cho CBK908 Free cho CBK908 Select 12 STM907 STM907 STM907 STM907 STM907	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) c credit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/ History subjects (SecEd) 83 Business Studies/Economics/ Society and Culture subjects (SecEd) 84 Business Studies/Economics/ Legal Studies subjects (SecEd) 85 History/Society and Culture subjects (SecEd) 86 History/Legal Studies subjects (SecEd) 87 Society and Culture/	12cp 12cp 12cp 12cp 12cp 12cp
15356 15462 15463 15325 CBK90861 CBK9086 Select 24 G SMJ08216 SMJ03061 SMJ02069 CBK9086 Select 36 G 48024 48440 48433	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management I PM specialist sub-major Soft PM specialist sub-major redit points from the following options: Business Engineering Information Technology Software Innovation choice credit points from the following options: Applications Programming Software Engineering Practice Software Architecture	6cp 6cp 6cp 24cp Total 48cp 24cp 24cp 24cp 24cp 24cp Total 24cp 36cp 6cp 6cp	Free cho CBK908 Free cho CBK908 Select 12 STM907 STM907 STM907 STM907 STM907	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) Credit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/ History subjects (SecEd) 83 Business Studies/Economics/ Society and Culture subjects (SecEd) 84 Business Studies/Economics/ Legal Studies subjects (SecEd) 85 History/Society and Culture subjects (SecEd) 86 History/Legal Studies subjects (SecEd) 87 Society and Culture/ Legal Studies subjects (SecEd)	12cp 12cp 12cp 12cp 12cp 12cp 12cp
15356 15462 15463 15325 CBK90863 Select 24 of SMJ08216 SMJ03061 SMJ02069 CBK9086 Select 36 of 48024 48440 48433 48430	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management I PM specialist sub-major S1 PM specialist sub-major redit points from the following options: Business Engineering Information Technology S2 Software Innovation choice redit points from the following options: Applications Programming Software Engineering Practice Software Architecture Embedded C	6cp 6cp 6cp 24cp Total 48cp 24cp 24cp 24cp 24cp 24cp 5dcp 6cp 6cp 6cp 6cp	Free cho CBK908 Free cho CBK908 Select 12 STM907 STM907 STM907 STM907 STM907 STM907 STM907	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) Credit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/ History subjects (SecEd) 83 Business Studies/Economics/ Society and Culture subjects (SecEd) 84 Business Studies/Economics/ Legal Studies subjects (SecEd) 85 History/Society and Culture subjects (SecEd) 86 History/Legal Studies subjects (SecEd) 87 Society and Culture/ Legal Studies subjects (SecEd) 887 Society and Culture/ Legal Studies subjects (SecEd)	12cp 12cp 12cp 12cp 12cp 12cp 12cp
15356 15462 15463 15325 CBK90861 CBK9086 Select 24 c SMJ08216 SMJ03061 SMJ02069 CBK9086 Select 36 c 48024 48440 48433 48430 48434	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management I PM specialist sub-major S1 PM specialist sub-major redit points from the following options: Business Engineering Information Technology S2 Software Innovation choice redit points from the following options: Applications Programming Software Engineering Practice Software Architecture Embedded C Embedded Software	6cp 6cp 6cp 24cp Total 48cp 24cp 24cp 24cp 24cp 24cp 36cp 6cp 6cp 6cp 6cp	Free cho CBK908 Free cho CBK908 Select 12 STM907	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) Credit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/ History subjects (SecEd) 83 Business Studies/Economics/ Society and Culture subjects (SecEd) 84 Business Studies/Economics/ Legal Studies subjects (SecEd) 85 History/Society and Culture subjects (SecEd) 86 History/Legal Studies subjects (SecEd) 87 Society and Culture/ Legal Studies subjects (SecEd) 887 Society and Culture/ Legal Studies subjects (SecEd) 887 Society and Culture/ Company options Credit points from the following options:	12cp 12cp 12cp 12cp 12cp 12cp 12cp 12cp
15356 15462 15463 15325 CBK90863 Select 24 G SMJ08216 SMJ02069 CBK9086 Select 36 G 48024 48440 48433 48430 48434 48450	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management PM specialist sub-major Tredit points from the following options: Business Engineering Information Technology See Software Innovation choice Tredit points from the following options: Applications Programming Software Engineering Practice Software Architecture Embedded C Embedded Software Real-time Operating Systems	6cp 6cp 6cp 24cp Total 48cp 24cp 24cp 24cp 24cp 24cp 56cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Free cho CBK908 Free cho CBK908 Select 12 STM907 STM907 STM907 STM907 STM907 STM907 STM907 STM907 STM907	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) Credit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/ History subjects (SecEd) 83 Business Studies/Economics/ Society and Culture subjects (SecEd) 84 Business Studies/Economics/ Legal Studies subjects (SecEd) 85 History/Society and Culture subjects (SecEd) 86 History/Legal Studies subjects (SecEd) 87 Society and Culture/ Legal Studies subjects (SecEd) 871 Sub-major options Credit points from the following options: 72 Options	12cp 12cp 12cp 12cp 12cp 12cp 12cp 12cp
15356 15462 15463 15325 CBK90863 Select 24 of SMJ03061 SMJ03061 SMJ02069 CBK9086 Select 36 of 48024 48440 48433 48430 48434 48450	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management PM specialist sub-major Tredit points from the following options: Business Engineering Information Technology 62 Software Innovation choice Tredit points from the following options: Applications Programming Software Engineering Practice Software Architecture Embedded C Embedded Software Real-time Operating Systems	6cp 6cp 6cp 24cp Total 48cp 24cp 24cp 24cp 24cp 24cp 56cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Free cho CBK908 Free cho CBK908 Select 12 STM907 STM907 STM907 STM907 STM907 STM907 STM907 STM907 STM907	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) Credit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/ History subjects (SecEd) 83 Business Studies/Economics/ Society and Culture subjects (SecEd) 84 Business Studies/Economics/ Legal Studies subjects (SecEd) 85 History/Society and Culture subjects (SecEd) 86 History/Legal Studies subjects (SecEd) 87 Society and Culture/ Legal Studies subjects (SecEd) 887 Society and Culture/ Legal Studies subjects (SecEd) 887 Society and Culture/ Company options Credit points from the following options:	12cp 12cp 12cp 12cp 12cp 12cp 12cp 12cp
15356 15462 15463 15325 CBK90863 CBK90863 Select 24 G SMJ03061 SMJ02069 CBK9086 Select 36 G 48024 48440 48433 48430 48434 48450 CBK9086 Select 36 G 86024 86	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management PM specialist sub-major Tredit points from the following options: Business Engineering Information Technology S2 Software Innovation choice Tredit points from the following options: Applications Programming Software Engineering Practice Software Architecture Embedded C Embedded Software Real-time Operating Systems S3 Telecommunications Innovation choice Tredit points from the following options:	6cp 6cp 6cp 24cp Total 48cp 24cp 24cp 24cp 24cp 24cp 56cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Free cho CBK908 Free cho CBK908 Select 12 STM907 STM907 STM907 STM907 STM907 STM907 STM907 STM907 STM907	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) Credit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/ History subjects (SecEd) 83 Business Studies/Economics/ Society and Culture subjects (SecEd) 84 Business Studies/Economics/ Legal Studies subjects (SecEd) 85 History/Society and Culture subjects (SecEd) 86 History/Legal Studies subjects (SecEd) 87 Society and Culture/ Legal Studies subjects (SecEd) 871 Sub-major options Credit points from the following options: 72 Options	12cp 12cp 12cp 12cp 12cp 12cp 12cp 12cp
15356 15462 15463 15325 CBK90863 Select 24 G SMJ08216 SMJ03061 SMJ02069 CBK9086 Select 36 G 48024 48440 48433 48430 48434 48450 CBK9086 Select 36 G 48770	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management I PM specialist sub-major Tredit points from the following options: Business Engineering Information Technology See Software Innovation choice Tredit points from the following options: Applications Programming Software Engineering Practice Software Architecture Embedded C Embedded Software Real-time Operating Systems See Telecommunications Innovation choice Tredit points from the following options: Continuous Communications	6cp 6cp 6cp 6cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp 56cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Free cho CBK908 Free cho CBK908 Select 12 STM907	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) c redit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/ History subjects (SecEd) 83 Business Studies/Economics/ Society and Culture subjects (SecEd) 84 Business Studies/Economics/ Legal Studies subjects (SecEd) 85 History/Society and Culture subjects (SecEd) 86 History/Legal Studies subjects (SecEd) 87 Society and Culture/ Legal Studies subjects (SecEd) 88 Society and Culture/ Cegal Studies subjects (SecEd) 89 Society and Culture/ Cegal Studies subjects (SecEd) 80 SecEd) 81 Sub-major options 81 Credit points from the following options: 82 Options 83 Sub-major options	12cp 12cp 12cp 12cp 12cp 12cp 12cp 12cp
15356 15462 15463 15325 CBK90863 Select 24 G SMJ08216 SMJ03061 SMJ02069 CBK9086 Select 36 G 48024 48440 48433 48430 48434 48450 CBK9086 Select 36 G 48770 48771	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management PM specialist sub-major Tredit points from the following options: Business Engineering Information Technology See Software Innovation choice Tredit points from the following options: Applications Programming Software Engineering Practice Software Architecture Embedded C Embedded Software Real-time Operating Systems See Telecommunications Innovation choice Tredit points from the following options: Continuous Communications Discrete Communications	6cp 6cp 6cp 6cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	Free cho CBK908 Free cho CBK908 Select 12 STM907	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) credit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/ History subjects (SecEd) 83 Business Studies/Economics/ Society and Culture subjects (SecEd) 84 Business Studies/Economics/ Legal Studies subjects (SecEd) 85 History/Society and Culture subjects (SecEd) 86 History/Legal Studies subjects (SecEd) 87 Society and Culture/ Legal Studies subjects (SecEd) 88 Fociety and Culture/ Legal Studies subjects (SecEd) 89 Society and Culture/ Coptions 172 Options 173 Sub-major options 174 Options 1872 Options	12cp 12cp 12cp 12cp 12cp 12cp 12cp 12cp
15356 15462 15463 15325 CBK90863 Select 24 of SMJ08216 SMJ08216 SMJ03061 SMJ02069 CBK9086 Select 36 of 48024 48440 48433 48430 48434 48450 CBK9086 Select 36 of 48770 48771 48780	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management I PM specialist sub-major Tredit points from the following options: Business Engineering Information Technology See Software Innovation choice Tredit points from the following options: Applications Programming Software Engineering Practice Software Architecture Embedded C Embedded Software Real-time Operating Systems See Telecommunications Innovation choice Tredit points from the following options: Continuous Communications Discrete Communications Mobile Communications	6cp 6cp 6cp 6cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp 56cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Free cho CBK908 Free cho CBK908 Select 12 STM907	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) c redit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/ History subjects (SecEd) 83 Business Studies/Economics/ Society and Culture subjects (SecEd) 84 Business Studies/Economics/ Legal Studies subjects (SecEd) 85 History/Society and Culture subjects (SecEd) 86 History/Legal Studies subjects (SecEd) 87 Society and Culture/ Legal Studies subjects (SecEd) 88 Society and Culture/ Cegal Studies subjects (SecEd) 89 Society and Culture/ Cegal Studies subjects (SecEd) 80 SecEd) 81 Sub-major options 81 Credit points from the following options: 81 Coptions 81 Credit points from the following options: 81 Credit points from the following options:	12cp 12cp 12cp 12cp 12cp 12cp 12cp 12cp
15356 15462 15463 15325 CBK90863 Select 24 of SMJ08216 SMJ08216 SMJ03061 SMJ02069 CBK9086 Select 36 of 48024 48440 48433 48430 48434 48450 CBK9086 Select 36 of 48770 48771 48780 48740	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management PM specialist sub-major The Research Process Value Management PM specialist sub-major The Research Process Value Management PM specialist sub-major The Research Process The Research Proce	6cp 6cp 6cp 6cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp 24	Free cho CBK908 Free cho CBK908 Select 12 STM907 STM907 STM907 STM907 STM907 STM907 STM907 STM907 CBK908 CBK908 CBK908 Select 24 CBK908 Select 24 CBK908 Select 24 CBK908	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) credit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/ History subjects (SecEd) 83 Business Studies/Economics/ Society and Culture subjects (SecEd) 84 Business Studies/Economics/ Legal Studies subjects (SecEd) 85 History/Society and Culture subjects (SecEd) 86 History/Legal Studies subjects (SecEd) 87 Society and Culture/ Legal Studies subjects (SecEd) 88 Fishery/Legal Studies subjects (SecEd) 89 Society and Culture/ Legal Studies subjects (SecEd) 80 Society and Culture/ Legal Studies subjects (SecEd) 81 Sub-major options 81 Credit points from the following options: 81 Credit points from the following options: Product Engineering	12cp 12cp 12cp 12cp 12cp 12cp 12cp 12cp
15356 15462 15463 15325 CBK90863 Select 24 G SMJ08216 SMJ03061 SMJ02069 CBK9086 Select 36 G 48024 48440 48433 48430 48434 48450 CBK9086 Select 36 G 48770 48771 48780 48740 48730	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management PM specialist sub-major Tredit points from the following options: Business Engineering Information Technology Software Innovation choice Tredit points from the following options: Applications Programming Software Engineering Practice Software Architecture Embedded C Embedded C Embedded Software Real-time Operating Systems Softed Telecommunications Innovation choice Tredit points from the following options: Continuous Communications Discrete Communications Mobile Communications Communications Networks Authentication and System Security	6cp 6cp 6cp 6cp 24cp 24cp Total 48cp 24cp 24cp 24cp 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	Free cho CBK908 Free cho CBK908 Select 12 STM907	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) Credit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/ History subjects (SecEd) 83 Business Studies/Economics/ Society and Culture subjects (SecEd) 84 Business Studies/Economics/ Legal Studies subjects (SecEd) 85 History/Society and Culture subjects (SecEd) 86 History/Legal Studies subjects (SecEd) 87 Society and Culture/ Legal Studies subjects (SecEd) 871 Sub-major options Credit points from the following options: 872 Options Credit points from the following options: Product Engineering Innovation and Commercialisation in	12cp 12cp 12cp 12cp 12cp 12cp 12cp 12cp
15356 15462 15463 15325 CBK90863 Select 24 of SMJ08216 SMJ08216 SMJ03061 SMJ02069 CBK9086 Select 36 of 48024 48440 48433 48430 48434 48450 CBK9086 Select 36 of 48770 48771 48780 48740	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management PM specialist sub-major The Research Process Value Management PM specialist sub-major The Research Process Value Management PM specialist sub-major The Research Process The Research Proce	6cp 6cp 6cp 6cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp 24	Free cho CBK908 Free cho CBK908 Select 12 STM907 STM907 STM907 STM907 STM907 STM907 STM907 STM907 CBK908 CBK908 CBK908 Select 24 CBK908 Select 24 CBK908 Select 24 CBK908	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) credit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/ History subjects (SecEd) 83 Business Studies/Economics/ Society and Culture subjects (SecEd) 84 Business Studies/Economics/ Legal Studies subjects (SecEd) 85 History/Society and Culture subjects (SecEd) 86 History/Legal Studies subjects (SecEd) 87 Society and Culture/ Legal Studies subjects (SecEd) 88 Fishery/Legal Studies subjects (SecEd) 89 Society and Culture/ Legal Studies subjects (SecEd) 80 Society and Culture/ Legal Studies subjects (SecEd) 81 Sub-major options 81 Credit points from the following options: 81 Credit points from the following options: Product Engineering	12cp 12cp 12cp 12cp 12cp 12cp 12cp 12cp
15356 15462 15463 15325 CBK90863 Select 24 G SMJ08216 SMJ03061 SMJ02069 CBK9086 Select 36 G 48024 48440 48433 48430 48434 48450 CBK9086 Select 36 G 48770 48771 48780 48740 48730	A new Organisational Model Reflective Project Practice Introduction to Research The Research Process Value Management, Negotiation and Conflict Management PM specialist sub-major Tredit points from the following options: Business Engineering Information Technology Software Innovation choice Tredit points from the following options: Applications Programming Software Engineering Practice Software Architecture Embedded C Embedded C Embedded Software Real-time Operating Systems Softed Telecommunications Innovation choice Tredit points from the following options: Continuous Communications Discrete Communications Mobile Communications Communications Networks Authentication and System Security	6cp 6cp 6cp 6cp 24cp 24cp 24cp 24cp 24cp 24cp 24cp 24	Free cho CBK908 Free cho CBK908 Select 12 STM907 STM907 STM907 STM907 STM907 STM907 STM907 STM907 CBK908 CBK908 CBK908 Select 24 CBK908 Select 24 CBK908 Select 24 CBK908	ice of electives. 369 Electives (SecEd) ice of electives. 370 HSIE options (SecEd) Credit points from the following options: 81 Business Studies/Economics subjects (SecEd) 82 Business Studies/Economics/ History subjects (SecEd) 83 Business Studies/Economics/ Society and Culture subjects (SecEd) 84 Business Studies/Economics/ Legal Studies subjects (SecEd) 85 History/Society and Culture subjects (SecEd) 86 History/Legal Studies subjects (SecEd) 87 Society and Culture/ Legal Studies subjects (SecEd) 871 Sub-major options Credit points from the following options: 872 Options Credit points from the following options: Product Engineering Innovation and Commercialisation in	12cp 12cp 12cp 12cp 12cp 12cp 12cp 12cp

CBK90873 Sub-major options

Free choice of electives.

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	74 Project options		0.4		4 Electives (MBus Finance Extended)		20
	credit points from the following options:	10	24cp		redit points from the following options:		30cp
84906		12cp		25728	Bond Portfolio Management	6ср	
84904	Integrated Product Design Major Project: Realisation	12cp		25729 25752	Applied Portfolio Management Financial Institution Lending	6ср 6ср	
84900		24cp		25762	Synthetic Financial Products	6ср	
01700	Superstudio		24cp	25764	Venture Capital Finance	3ср	
		Total	2 TCP	25796	Personal Wealth Management	6ср	
CBK908	75 Electives (International Business)			25807	Mergers and Acquisitions	Зср	
Select 12	credit points from the following options:		12cp	25809	Technical Analysis	3cp	
21511	Global Operations and Supply Chain		_T	25812	Fundraising in International Markets	3ср	
	Management	6ср		25818	Real Estate Finance and Investment	3ср	
25052	International Banking Management	6cp		25824	Project Financing	Зср	
23491	International Trade and Investment	6cp		77947	Companies and Securities Law	6ср	
25491	Investment Analysis and Risk Management	6ср				Tota	ıl 30cp
		Total	12cp	CDV0000	E Maion/Elastinas (Business Managan	1	
CDIVOOO	7/ Flootings (Management)				5 Major/Electives (Business Managem	entj	26
	76 Electives (Management)		10		redit points from the following options:		36cp
	credit points from the following options:		12cp	MAJ08972	Human Resources and Management	26an	
21226	Sustainable Enterprise	6ср		MAI08973	major Operations and Supply Chain	36cp	
21511	Global Operations and Supply Chain	6an		1V11 1J00273	Management	36ср	
21513	Management Business Ethics and Sustainability	6ср 6ср		CBK90886	Electives (MBus Management Extended)	36cp	
22320	Accounting for Business Combinations	6ср		0210 0000	Electives (1912 as Frantagement Emeriaea)		ıl 36cp
22321	Cost Management Systems	6ср					I
22420	Accounting Standards and Regulations	6ср		CBK9088	6 Electives (MBus Management Extend	led)	
22492	Understanding Financial Reports	··r			redit points from the following options:		36ср
	Prepared Under IFRS	6ср			Electives (Law/Business)	6ср	1
22491	Financial Statement Analysis and Valuation	6cp		21854	Innovation and Entrepreneurship	6ср	
31247	Collaborative Business Processes	6ср		77942	Legal Aspects of Contracts Administration	6ср	
31257	Information System Development			21008	Management Consulting	6ср	
	Methodologies	6ср		21012	Governance and Sustainability	6ср	
		Total	12cp	21743	Business Excellence	6ср	
0.01/000				21745	Service Operations Management	6ср	
	79 Electives			21797	Strategic Supply Chain Management	6cp	
	credit points from the following options:		12cp	27715	Sport Business	6cp	
92932	Management for Clinicians	6ср		21751	Management Research Methods	6ср	
92022	Improving Quality and Safety in Health	_		27733	The Experience Economy	6ср	
0000	Care	6cp		27778 27729	Innovative Services Management	6ср	
92297	Health Systems and Change	6cp		2//29	Legal Issues for the Experience and Not-for-Profit Industries	6ср	
92847	Planning and Evaluating Health Services	6cp		27734	Marketing for the Experience Industries	6ср	
92295	Advanced Health Services Planning	6cp		21722	Leadership, Coaching and Mentoring	6ср	
26703 23787	Introductory Health Economics	6cp		21877	Strategic Procurement	6ср	
23/6/	Health Technology Assessment	6cp	12cp	21702	Industrial Relations	6ср	
		iotai	12CP	21724	Strategic Human Resource Management	6ср	
CBK908	81 Level 1 Subjects			21760	Performance and Talent Management	6cp	
	credit points from the following options:		24cp	21833	International Human Resources		
91403	Medical Imaging	6ср	-1cp		Management	6ср	
91706	Neuroscience	6cp				Tota	ıl 36cp
48623	Mechatronics 2	6cp		001/0000			
48560	Introductory Control	6cp			7 Electives (MBus Management Extend	ledj	
31005	Data Mining Algorithms	6ср			redit points from the following options:		12ср
31050	Programming with Patterns	6ср		21854	Innovation and Entrepreneurship	6cp	
31256	Image Processing and Pattern Recognition	6ср		21722	Leadership, Coaching and Mentoring	6cp	
31250	Introduction to Data Analytics	6ср	2.4	21008	Management Consulting	6cp	
		Total	24cp	21012	Governance and Sustainability	6cp	
CBROOG	92 Lovel 2 Subjects			77942	Legal Aspects of Contracts Administration	6cp Tota	ıl 12cp
	82 Level 2 Subjects		1200			1010	ep
41105	credit points from the following options: Biomedical Signal and Image Processing	6ср	12cp	CBK9088	8 Electives (MBus HRM Extended)		
42001	Bioinformatics	6ср 6ср			redit points from the following options:		36ср
49274	Advanced Robotics	6ср 6ср			Electives (Law/Business)	6ср	- JCP
49274	Neural Networks and Fuzzy Logic	6ср		21741	Managing Operations	6ср	
49261	Biomedical Instrumentation	6ср		21811	Global Strategic Management	6cp	
			12cp	21832	Managing for Sustainability	6cp	
			r	21854	Innovation and Entrepreneurship	6ср	
CBK908	83 Level 1 Subjects			21856	Career and Portfolio Development	6ср	
	credit points from the following options:		24cp	77942	Legal Aspects of Contracts Administration	6ср	
91403	Medical Imaging	6ср	Г	21008	Management Consulting	6ср	
91706	Neuroscience	6ср		21012	Governance and Sustainability	6cp	
48623	Mechatronics 2	6cp		21743	Business Excellence	6ср	
48560	Introductory Control	6ср		21745	Service Operations Management	6cp	
31005	Data Mining Algorithms	6cp		21797	Strategic Supply Chain Management	6cp	
31050	Programming with Patterns	6ср		27715 21751	Sport Business Management Research Methods	6cp	
31256	Image Processing and Pattern Recognition	6cp		27733	The Experience Economy	6ср 6ср	
31250	Introduction to Data Analytics	6cp		27778	Innovative Services Management	6ср	
91705	Medical Devices and Diagnostics	6cp	04 -	27778	Legal Issues for the Experience and	оср	
		Iotal	24cp	_,,_,	Not-for-Profit Industries	6ср	
				27734	Marketing for the Experience Industries	6ср	
					0 =F		ıl 36cp
							Г

CBKOUS	89 Electives (MBus Marketing Extended)	1		CBK6U8	76 Elective subjects GC Journalism		
			26 <i>c</i> m			16an	
	credit points from the following options:		36ср		credit points from the following options:	16cp	
24706	Strategic Services Marketing	6cp		57012	Regulation of the Media	8cp	
24707	Strategic Business Marketing	6cp		57013	Journalism Studies	8cp	
24713	Marketing Channel Management	6cp		57014	Feature Writing	8cp	
24736	Marketing Communications	6cp		57021	Journalism Internship	8cp	
24738	Strategic International Marketing	6cp		57138	International and Comparative Journalism	8cp	
24742	New Product Management	6cp		57150	Editing and Design	8cp	
24750	Marketing Analytics	6ср		57151	Storytelling with Sound and Image	8cp	
24757	Research Methodology and Data Analysis			57155	Online Journalism	8cp	
	Tools	6ср		57156	Radio Journalism	8cp	
24758	Readings in Marketing	6ср		57158	Television and Video Journalism	8cp	
24759	Research Design and Data Collection Tools	6ср		57161	Investigative Journalism	8cp	
24760	Pricing and Revenue Management	6ср		57184	Documentary: Expanded, Mobile and		
CBK9038	7 Electives (Law/Business)	6ср			Networked	8cp	
		Total	36ср	57166	Documentary Production	8cp	
			_	57187	Specialist Journalism	8cp	
CBK908	90 Theory and Technology subjects (Des	ign)		57152	Investigative Research in the Digital		
Select 36	credit points from the following options:		36ср		Environment	8ср	
89105	Design Activism	6ср	I			Total 16cp	
89106	Researching Contexts	6cp				1	
89107	Innovation and Entrepreneurship: A	6ср		CBK9089	77 Elective subjects GD Journalism		
89108	Technology Workshop: Creative Play	6cp			credit points from the following options:	24cp	
89109	Technology Workshop: Experimental Media	6cp		57012	Regulation of the Media	8ср	
89110	Engaging Texts: Interpreting Contexts	6ср		57013	Journalism Studies	8cp	
89171	Innovation and Entrepreneurship: B	6ср		57013	Feature Writing	8cp	
89172	Engaging Texts: Cross-Disciplinary	оср		57021	Journalism Internship	8cp	
09172	Conversations	6.00					
89173	Technology Workshop: New Poetics	6cp		57138 57150	International and Comparative Journalism	8cp	
891/3	rechnology workshop: New Poetics	6cp	26	57150	Editing and Design	8cp	
		Total	зоср	57155	Online Journalism	8cp	
CBK000	01 Language Culture and Casiaty shairs			57156	Radio Journalism	8cp	
	91 Language, Culture and Society choice	•		57158	Television and Video Journalism	8cp	
	credit points from the following options:		24cp	57161	Investigative Journalism	8cp	
	0 China Stream	24cp		57152	Investigative Research in the Digital		
STM9080	1 Japan Stream	24cp			Environment	8cp	
STM9080	2 France Stream	24cp		57184	Documentary: Expanded, Mobile and		
STM9080	3 Spain Stream	24cp			Networked	8cp	
STM9080	4 Germany Stream	24cp		57166	Documentary Production	8cp	
STM9080	5 Italy Stream	24cp		57187	Specialist Journalism	8cp	
STM9080	6 Canada (Quebec) Stream	24cp				Total 24cp	
STM9080	7 Switzerland Stream	24cp					
STM9080	8 Chile Stream	24cp		CBK9089	98 Elective subjects MA Journalism		
STM9080	9 Mexico Stream			Select 24 o	credit points from the following options:	24cp	
		24cp			credit points from the following options: Regulation of the Media	24cp 8cp	
STM9081	0 Argentina Stream	24cp 24cp		57012	Regulation of the Media	8cp	
STM9081 STM9081	0 Argentina Stream 1 Colombia Stream	24cp 24cp 24cp		57012 57014	Regulation of the Media Feature Writing	8cp 8cp	
STM9081 STM9081	0 Argentina Stream	24cp 24cp 24cp 24cp	24cn	57012 57014 57021	Regulation of the Media Feature Writing Journalism Internship	8cp 8cp 8cp	
STM9081 STM9081	0 Argentina Stream 1 Colombia Stream	24cp 24cp 24cp	24cp	57012 57014 57021 57138	Regulation of the Media Feature Writing Journalism Internship International and Comparative Journalism	8cp 8cp 8cp 8cp	
STM9081 STM9081 STM9081	0 Argentina Stream 1 Colombia Stream 2 Latino USA Stream	24cp 24cp 24cp 24cp	24cp	57012 57014 57021 57138 57150	Regulation of the Media Feature Writing Journalism Internship International and Comparative Journalism Editing and Design	8cp 8cp 8cp 8cp 8cp	
STM9081 STM9081 STM9081	O Argentina Stream Colombia Stream Latino USA Stream Major choice	24cp 24cp 24cp 24cp Total	1	57012 57014 57021 57138 57150 57155	Regulation of the Media Feature Writing Journalism Internship International and Comparative Journalism Editing and Design Online Journalism	8cp 8cp 8cp 8cp 8cp 8cp	
STM9081 STM9081 STM9081 CBK908 Select 48	0 Argentina Stream 1 Colombia Stream 2 Latino USA Stream 93 Major choice credit points from the following options:	24cp 24cp 24cp 24cp Total	24cp 48cp	57012 57014 57021 57138 57150 57155 57156	Regulation of the Media Feature Writing Journalism Internship International and Comparative Journalism Editing and Design Online Journalism Radio Journalism	8cp 8cp 8cp 8cp 8cp 8cp 8cp	
STM9081 STM9081 STM9081 CBK908 Select 48 MAJ0941	0 Argentina Stream 1 Colombia Stream 2 Latino USA Stream 93 Major choice credit points from the following options: 2 China Major	24cp 24cp 24cp 24cp Total	1	57012 57014 57021 57138 57150 57155 57156 57158	Regulation of the Media Feature Writing Journalism Internship International and Comparative Journalism Editing and Design Online Journalism Radio Journalism Television and Video Journalism	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	
STM9081 STM9081 STM9081 CBK908 Select 48 MAJ0941 MAJ0941	0 Argentina Stream 1 Colombia Stream 2 Latino USA Stream 93 Major choice credit points from the following options: 2 China Major 3 Japan Major	24cp 24cp 24cp 24cp Total 48cp 48cp	1	57012 57014 57021 57138 57150 57155 57156 57158 57161	Regulation of the Media Feature Writing Journalism Internship International and Comparative Journalism Editing and Design Online Journalism Radio Journalism Television and Video Journalism Investigative Journalism	8cp 8cp 8cp 8cp 8cp 8cp 8cp	
STM9081 STM9081 STM9081 CBK908 Select 48 MAJ0941 MAJ0941 MAJ0941	0 Argentina Stream 1 Colombia Stream 2 Latino USA Stream 93 Major choice credit points from the following options: 2 China Major 3 Japan Major 4 France Major	24cp 24cp 24cp 24cp Total 48cp 48cp 48cp	1	57012 57014 57021 57138 57150 57155 57156 57158	Regulation of the Media Feature Writing Journalism Internship International and Comparative Journalism Editing and Design Online Journalism Radio Journalism Television and Video Journalism Investigative Journalism Investigative Research in the Digital	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	
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57061	Issues in Documentary	8cp	MAJ0	RS		
97101	Chinese Language and Culture 1	8cp	11730	11.5		
97102	Chinese Language and Culture 2	8cp	MA 1040	22 Chalistics		
97103 97104	Chinese Language and Culture 3 Chinese Language and Culture 4	8cp		23 Statistics		
97104	Chinese Language and Culture 5	8ср 8ср	35356 35353	Design and Analysis of Experiments		6cp
97106	Chinese Language and Culture 6	8cp	35355	Regression Analysis Quality Control		6ср 6ср
97111	Chinese Festivals and Ceremonies	8cp		of the following:		6ср
97112	Chinese Film	8ср	35361	. 0	6ср	···r
97109	Chinese Mass Media	8cp	35363	3 Stochastic Models	6ср	
97110	Twentieth Century Chinese Fiction	8cp			Total	24cp
97201 97202	Japanese Language and Culture 1 Japanese Language and Culture 2	8cp 8cp	MA 1040	V Overtitative Management Caiones		
97202	Japanese Language and Culture 3	8cp		24 Quantitative Management Science		
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97205	Japanese Language and Culture 5	8cp	35363	Management Stochastic Models		6ср 6ср
97206	Japanese Language and Culture 6	8cp	35340	Quantitative Management Practice		6ср
97207	Japanese Films and Popular Culture	8cp	35344	Network and Combinatorial Optimisation		6ср
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97209 97210	Japanese Media and Current Issues Transcultural Communication in Japanese	8cp				_
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97403	French Language and Culture 3	8cp	33290	Statistics and Mathematics for Science		6ср
97404	French Language and Culture 4	8cp	65111 65212	Chemistry 1 Chemistry 2		6cp
97405	French Language and Culture 5	8cp	65202	Organic Chemistry 1		6ср 6ср
97406	French Language and Culture 6	8cp	65306	Analytical Chemistry 1		6ср
97407	Francophone Identities in Conflict	8cp	65307	Physical Chemistry 1		6cp
97408	Show and Tell: Francophone Cultures on	g _{an}	65409	Analytical Chemistry 2		6cp
97409	Display Francophone Cultures of Consumption	8cp 8cp	65410	Chemical Safety and Legislation		6ср
97410	Places and Spaces of the Francophone	оср	65411	Inorganic Chemistry 1		6ср
	World	8ср	65508	Organic Chemistry 2		6cp
97501	Spanish Language and Culture 1	8cp	65509 65606	Inorganic Chemistry 2		6cp
97502	Spanish Language and Culture 2	8cp	65607	Analytical Chemistry 3 Physical Chemistry 2		6ср 6ср
97503	Spanish Language and Culture 3	8cp	68101	Foundations of Physics		6ср
97504 97505	Spanish Language and Culture 4	8cp	68201	Physics in Action		6cp
97506	Spanish Language and Culture 5 Spanish Language and Culture 6	8cp 8cp		,	Total	96cp
97507	Spanish Language and Culture 7	8cp				
97508	Spanish Language and Culture 8	8cp		30 Applied Physics		
97601	German Language and Culture 1	8cp	33190	Mathematical Modelling for Science		6cp
97602	German Language and Culture 2	8ср	65111	Chemistry 1		6ср
97603	German Language and Culture 3	8cp	33290 65212	Statistics and Mathematics for Science		6cp
97604	German Language and Culture 4	8cp	68101	Chemistry 2 Foundations of Physics		6ср 6ср
97605 97606	German Language and Culture 5	8cp	33360	Mathematics for Physical Science		6ср
97607	German Language and Culture 6 German Language and Culture 7	8cp 8cp	68201	Physics in Action		6ср
97608	German Language and Culture 8	8cp	68070	Introduction to Materials		6ср
97801	Italian Language and Culture 1	8cp	68075	Nanomaterials		6ср
97802	Italian Language and Culture 2	8cp	68412	Energy Science and Technology		6ср
97803	Italian Language and Culture 3	8cp	68315 68413	Imaging Science Quantum Physics		6cp
97804	Italian Language and Culture 4	8cp		of the following:		6ср 6ср
97805 97806	Italian Language and Culture 5 Italian Language and Culture 6	8cp	68316		6ср	оср
97807	Italian Language and Culture 7	8cp 8cp	68416	11	6ср	
97808	Italian Language and Culture 8	8cp	68606	Solid-state Science and Nanodevices	•	6ср
979510	Contemporary China	8cp		credit points from the following options:		12cp
979511	Contemporary Japan	8cp	68320	Scanning Probe and Electron Microscopy	6cp	
979512	Contemporary France	8cp	68513 68415	Optics and Nanophotonics Measurement and Applysic of Physical	6ср	
979513	Contemporary Spain	8cp	00413	Measurement and Analysis of Physical Processes	6ср	
979514 979515	Contemporary Germany Contemporary Italy	8cp	68414	Advanced Mechanics	6ср	
979516	Contemporary Canada (Quebec)	8cp 8cp			Total	96ср
979517	Contemporary Switzerland	8cp				
979518	Contemporary Latin(o) Americas	8cp	MAJ0108	31 Biomedical Science		
		Total 16cp	91161	Cell Biology and Genetics		6ср
			65111	Chemistry 1		6cp
	3 Electives (Midwifery)		91400	Human Anatomy and Physiology		6cp
Free choice	e of electives.		65212 91314	Chemistry 2 General Microbiology		6ср 6ср
CDIVOOO	/ Electives (Midwife m.)		91320	Metabolic Biochemistry		6ср
	4 Electives (Midwifery)		91132	Molecular Biology 1		6ср
Free choice	e of electives.		91330	Epidemiology and Public Health Microbiolo	gy	6ср
			91500	Histology	03	6ср
			91326	Analytical Biochemistry		6ср
			91401 CRIV00010	Introductory Haematology and Immunology		6cp
				Electives A (Biomedical Science)		12cp
				Electives B (Biomedical Science) of the following:		12ср 6ср
			91703		6ср	ж
			91142		6ср	
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1911 Selection September	MAJ01082 Environmental Biology				MAJ0108	88 Applied Physics		
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91163 Alpine and Lowland Ecology		6ср			91123			6cp
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Total 78cp				78cp	67510	Optics and Nanophotonics Surface Processes	6ср	
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MAJ01095 Mathematics

35100	Introduction to Sample Surveys		6ср
35111	Applications of Discrete Mathematics		6ср
35140	Introduction to Quantitative Management		6ср
35212	Computational Linear Algebra		6ср
35231	Differential Equations		6ср
35232	Advanced Calculus		6ср
35241	Optimisation in Quantitative Management		6ср
35353	Regression Analysis		6ср
35363	Stochastic Models		6ср
Select 24 c	redit points from the following options:		24cp
35252	Mathematical Statistics	6ср	
35322	Advanced Analysis	6ср	
35335	Mathematical Methods	6ср	
35340	Quantitative Management Practice	6ср	
35342	Nonlinear Methods in Quantitative		
	Management	6ср	
35344	Network and Combinatorial		
	Optimisation	6ср	
35355	Quality Control	6ср	
35356	Design and Analysis of Experiments	6ср	
35361	Stochastic Processes	6ср	
35383	High Performance Computing	6ср	
35391	Seminar (Mathematics)	6ср	
35393	Seminar (Statistics)	6ср	
		Total	l 78cp

MAJ01097 Science Management

	<u> </u>		
60992	Managing Science and Scientists		12cp
Select 24 c	redit points from the following options:		24cp
91499	Current Topics in Science and Technology	12cp	-
69341	Risk Management	6cp	
69345	Occupational Health and Safety	•	
	Management	6ср	
69311	Occupational Health and Safety in Society	Зср	
69338	Biological Hazards and Toxicology	6cp	
69332	Chemical Safety Management	Зср	
49125	Environmental Risk Assessment	6ср	
49116	Contaminated Site and Waste Remediation	6ср	
91551	Ecohydrology and Climate Change	6ср	
	, ,	Tota	148cp

MAJ01100 Applied Chemistry

This major gives students the insight into how chemical substances work and the reasons for their behaviour with a dynamic combination of practice and theory. Students gain strong practical skills and lots of laboratory experience, which is why this major is an 'applied chemistry' major.

Core study areas include analytical, environmental and toxicological chemistry, physical, organic and inorganic chemistry, chemical safety and legislation.

Students have access to sophisticated, cutting-edge technology and instruments in a modern science facility. They also learn from practising scientists and researchers.

Completion requirements

	•	
STM90682	Core subjects (Chemistry)	48cp
65509	Inorganic Chemistry 2	6ср
67305	Polymer Science	6ср
65606	Analytical Chemistry 3	6ср
67510	Surface Processes	6ср
CBK90576	Sub-major/Electives (Chemistry)	24cp
	•	Total 96cp

MAJ01101 Applied Physics

This major enables students to learn about the interactions of energy and matter, precision measurement techniques, measuring and understanding the laws of nature and how new developments in physics are helping to expand the frontiers of technology. This major is a combination of theory and practice with lots of opportunities for practical skills and laboratory experience.

Core study areas include computational physics, electromagnetics, electronics and interfacing, energy science, optics, measurement techniques, quantum and solid-state physics.

Students have access to modern, high technology micro-structural analysis instruments, and are taught how to apply them. Students gain critical thinking skills and how to apply practical problem solving skills in a hands-on environment. They also learn how applied research progresses and the creation of new technology.

Professional recognition: Australian Institute of Physics.

Completion requirements

STM90683	Core subjects (Physics and Nanotechnology)	48cp
68416	Computational Physics	6cp
68412	Energy Science and Technology	6cp
68414	Advanced Mechanics	6cp
68415	Measurement and Analysis of Physical	_
	Processes	6cp
CBK90575	Sub-major/Electives	24cp
		Total 96cr

MAJ01102 Nanotechnology

Nanotechnology is understanding how the world works at the level of atoms, molecules and applying that knowledge to make or improve more user-friendly and sustainable products, such as self-cleaning surfaces, energy-efficient window coatings or light bulbs, clear-gel sunscreens, smart materials, and targeted drug delivery systems.

This is a multidisciplinary major that teaches students the valuable knowledge and skills to understand biological, physical and chemical processes at the nanoscale, through a dynamic combination of theory and practical skills.

Core study areas include materials science, nanomaterials, nanotubes, bionanotechnology, molecular nanotechnology, nanoscale sensors, nanodevices, optics, scanned probe, electron microscopy and imaging science

Hands-on training in nanotechnology tools are a core component of this major.

Professional recognition: Australian Institute of Physics.

Completion requirements

STM90683	Core subjects (Physics and Nanotechnology)	48cp
65307	Physical Chemistry 1	6cp
67509	Molecular Nanotechnology	6ср
91140	BioNanotechnology	6ср
67510	Surface Processes	6ср
CBK90798	Sub-major/Electives	24cp
	•	Total 96cp

MAJ01103 Biotechnology

This major teaches students the valuable skills to take advantage of and improve the biological processes of living organisms. Biotechnology scientists use these techniques and methods to create new medicine, food and organic substances through applying gene technology and other natural processes.

Core study areas include biotechnology, gene therapy, vaccine development, biobusiness and bioethics, environmental biotechnology, genetic engineering, protein and antibody engineering, and immunology.

Students learn to develop practical laboratory skills and techniques for managing hazards, intellectual property and ethical issues. They also gain professional skills and qualification in biological science and a firm basis in the industrial aspects of biotechnology. This is a comprehensive biotechnology major with a wide range of options for advanced specialisation.

Professional recognition: Australian Biotechnology Association.

Completion requirements

STM90684	Core subjects (Medical and Molecular Biolog	y)	48cp
91335	Molecular Biology 2		6ср
91142	Biotechnology		6ср
91369	Biobusiness and Environmental Biotechnolog	zy.	6ср
91144	Plant Biotechnology		6ср
91368	Bioreactors and Bioprocessing		6ср
CBK90582	Elective 4		6ср
Select 12 ca	redit points from the following options:		12cp
91129	Transfusion Science	6ср	-
91345	Biochemistry, Genes and Disease	6ср	
91352	Parasitology	6ср	
91402	Anatomical Pathology	6ср	
91359	Advanced Immunology	6ср	
	3,	Total	96cp

MAJ01104 Biomedical Science

This major provides students with in-depth understanding of how the body works at the cellular level, what causes disease and the techniques of laboratory diagnosis of disease, which include expanding areas of molecular-based diagnostic techniques. Students gain the underpinning knowledge and laboratory skills required to participate in research aimed at disease prevention and treatment.

Core study areas include biochemistry, clinical microbiology, haematology, histology, human anatomy and physiology, immunology, molecular biology, parasitology and pathology.

Students obtain a solid background in the biological and medical sciences, and practical experimentation. A biomedical science major provides excellent underpinning knowledge for entry into a postgraduate medicine program.

Professional recognition: Australian Institute of Medical Scientists (AIMS); this major is one of two degrees that is accredited by AIMS in Sydney.

Completion requirements

STM90684 91500	Core subjects (Medical and Molecular Bio Histology	logy)	48cp 6cp
CBK90582	Elective 4		6cp
Select 36 ca	redit points from the following options:		36ср
91338	Clinical Bacteriology	6ср	_
91358	Advanced Haematology	6ср	
91335	Molecular Biology 2	6ср	
91344	Medical and Diagnostic Biochemistry	6ср	
91129	Transfusion Science	6ср	
91359	Advanced Immunology	6ср	
91352	Parasitology	6ср	
91345	Biochemistry, Genes and Disease	6ср	
91402	Anatomical Pathology	6ср	
		Tota	196cp

MAJ01105 Medical Science

This major focuses on human anatomy and physiology, and provides students with knowledge of the structure, function and control of the body system as well as the aetiology and pathophysiology of disease. It combines a solid grounding in key medical sciences with flexible options for specialisation.

Core study areas include anatomy and physiology, human cell biology, human pathophysiology, medical devices and diagnostics, metabolic biochemistry, microbiology, molecular biology, neuroscience and pharmacology.

Students obtain a solid background in the medical sciences and practical experimentation. The major also provides the foundation knowledge and skills for students who wish to go on to postgraduate programs such as medicine, biomedical engineering, nutrition and dietetics, complementary medicine, public health and health administration.

Completion requirements

STM90684	Core subjects (Medical and Molecular Biology	48cp
91707	Pharmacology 1	6cp
91706	Neuroscience	6ср
91703	Physiological Systems	6ср
91705	Medical Devices and Diagnostics	6ср
91709	Pharmacology 2	6ср
91708	Medical and Applied Physiology	6ср
91239	Human Pathophysiology	6ср
CBK90582		6ср
		Total 96cp

MAJ01106 Environmental Biology

This major focuses on the foundation components of the natural systems, how these systems work, and how detrimental impacts on them can be assessed and recovered.

Core study areas include population ecology of terrestrial, marine coastal and freshwater systems, interaction of plants, animals and micro-organisms in land and aquatic environments.

Students gain a thorough understanding of the way living organisms function in terrestrial and aquatic environments. They acquire skills to detect and assess detrimental effects on their function and the environment through a dynamic combination of theory, laboratory experience and field trips.

This major places strong emphasis on field trips to places such as the Snowy Mountains, the NSW outback, Heron Island and the Great Barrier Reef.

Professional recognition: Australian Institute for Biology, Australian Ecological Society, Australian Society for Plant Physiology, Australasian Society for Ecotoxicology, Australasian Marine Science Association.

Completion requirements

STM90739	Core disciplinary subjects		
	(Environmental Biology)		36cp
91155	Stream and Lake Assessment		6ср
91116	Wildlife Ecology		6ср
91309	Biodiversity Conservation		6ср
Select one	of the following:		6ср
91370	Semi-arid Ecology	6ср	-
91371	Forest and Mountain Ecology	6ср	
91163	Alpine and Lowland Ecology	6ср	
CBK90577	Sub-major/Electives (Environmental Science))	24cp
91363	Animal Behaviour and Physiology		6ср
91270	Plant Physiology and Ecophysiology		6ср
		Total	196cp

MAJ01107 Marine Biology

This major focuses on how the marine environment works and how it can be better managed. Students gain a thorough understanding of the way plants, animals and micro-organisms function in marine ecosystems, including estuarine, shelf and open ocean ranging from tropical, temperate and polar environments.

Core study areas include coral reef ecosystems, environmental protection and management, fisheries resources, marine geoscience, plant physiology and ecophysiology, marine communities and animal behaviour and physiology.

Students learn these concepts and skills through a dynamic combination of theory, laboratory experiences and field trips.

Students also gain skills to detect and assess detrimental impacts on these marine environments resulting from anthropogenic sources and climate changes covered.

Professional recognition: Australasian Marine Science Association.

Completion requirements

·	
STM90739 Core disciplinary subjects	
(Environmental Biology) 36	бср
Select one of the following:	бср
66513 Marine Geosciences 6cp	
91118 Fisheries Resources 6cp	
91126 Coral Reef Ecosystems	бср
91156 Marine Primary Producers	бср
91157 Marine Communities 6	5cp
CBK90577 Sub-major/Electives (Environmental Science) 24	1cp
91363 Animal Behaviour and Physiology 6	5cp
91270 Plant Physiology and Ecophysiology 6	5cp
Total 96	5cp

MAJ01108 Environmental Forensics

This major is the first of its kind in Australia. It combines the new study area of environmental forensics with law.

Students learn forensic methodology to identify environmental impacts of chemicals on ecosystems, policy and regulation processes, aquatic and terrestrial ecology, environmental management and protection, field and laboratory skills to assess environmental impacts and forensic skills to obtain scientific evidence that can withstand legal inquiry and proceedings.

Core study areas include law and science subjects. The flexibility of this major allows students to develop a science specialty.

Completion requirements

STM90739	Core disciplinary subjects	
	(Environmental Biology)	36ср
79004	Environmental Law and Science	6ср
79023	Environmental Forensic Law	6ср
91309	Biodiversity Conservation	6ср
91155	Stream and Lake Assessment	6ср
CBK90577	Sub-major/Electives (Environmental Science)	24cp
91159	Environmental Forensics	6cp
65621	Environmental Chemistry	6cp
	ř	Total 96cp

MAJ01110 Mathematics

Students gain a good understanding of the mathematical foundations of quantitative methods and modelling technologies used in such areas as finance, logistics, health and market research. Students acquire analytic skills and develop the creative, logical approach to problem solving that enables them to apply their knowledge in real-world situations. The extensive choice of specialty mathematics subjects allows students to customise their degree according to their interests.

Students can also choose additional studies in other areas within science or from other faculties such as business, law or information technology.

Completion requirements

STM90686	6 Core subjects (Mathematics)	4	48ср
CBK90578	3 Sub-major/Electives (Mathematics)		24cp
Select 24 o	credit points from the following options:	2	24cp
35252	Mathematical Statistics	6ср	_
35356	Design and Analysis of Experiments	6ср	
35383	High Performance Computing	6ср	
35322	Advanced Analysis	6ср	
35340	Quantitative Management Practice	6ср	
35342	Nonlinear Methods in Quantitative	_	
	Management	6ср	
35344	Network and Combinatorial	_	
	Optimisation	6ср	
35361	Stochastic Processes	6ср	
35391	Seminar (Mathematics)	6ср	
35335	Mathematical Methods	6ср	
35355	Quality Control	6ср	
35393	Seminar (Statistics)	6ср	
		Total	96cp

MAJ01111 Statistics

Students gain a good understanding of mathematical statistics and its applications. The study of statistics prepares students to interpret data and to design data collection for maximum information at a given cost.

Students learn the theoretical underpinnings of the discipline as well as the practical skills that enable them to apply their knowledge in such diverse areas as market research, health or the environment.

Students can also choose additional studies in other areas within science or from other faculties such as business, law or information technology.

Completion requirements

Comment to the (Mathematical)	40	
	48	сp
Sub-major/Electives (Mathematics)	24	ср
redit points from the following options:	24	сp
Mathematical Statistics	6ср	
Quality Control	6ср	
Design and Analysis of Experiments	6ср	
Stochastic Processes	6ср	
Seminar (Statistics)	6ср	
	Total 96	ср
	Quality Control Design and Analysis of Experiments Stochastic Processes	Sub-major / Electives (Mathematics) 24 redit points from the following options: 24 Mathematical Statistics 6cp Quality Control 6cp Design and Analysis of Experiments 6cp Stochastic Processes 6cp

MAJ01112 Marine Biology

,	= : :a: :::e =:eteg;		
91107	The Biosphere		6ср
65111	Chemistry 1		6ср
91123	Biocomplexity		6ср
65212	Chemistry 2		6ср
91110	Experimental Design and Sampling		6ср
91154	Ecology		6ср
91157	Marine Communities		6ср
91270	Plant Physiology and Ecophysiology		6ср
91161	Cell Biology and Genetics		6ср
33116	Statistical Design and Analysis		6ср
91118	Fisheries Resources		6ср
Select one	of the following:		6ср
91120	GIS and Remote Sensing	6ср	
66513	Marine Geosciences	6ср	
91156	Marine Primary Producers		6ср
91121	Aquatic Ecology		6ср
91145	Environmental Protection and Management		6ср
91126	Coral Reef Ecosystems		6ср
		Total	96ср

MAJ01113 Environmental Forensics

91107	The Biosphere	6ср
65111	Chemistry 1	6ср
91123	Biocomplexity	6ср
65212	Chemistry 2	6ср
91110	Experimental Design and Sampling	6ср
91154	Ecology	6ср
91159	Environmental Forensics	6ср
65621	Environmental Chemistry	6ср
91161	Cell Biology and Genetics	6ср
33116	Statistical Design and Analysis	6ср
91145	Environmental Protection and Management	6ср

9137 9137	e of the following: 10 Semi-arid Ecology 11 Forest and Mountain Ecology 12 Principles of Forensic Science	6ср 6ср 6ср	6ср
9116	1	6ср	
79004	Environmental Law and Science	ocp	6ср
91121	Aquatic Ecology		6cp
79023	Environmental Forensic Law		6cp
	redit points from the following options:		6cp
91155	Stream and Lake Assessment	6ср	· · · r
91370	Semi-arid Ecology	6cp	
91371	Forest and Mountain Ecology	6cp	
91163	Alpine and Lowland Ecology	6cp	
	1	Total 9	96ср
			•
MAJ011	14 Medical Science		
91161	Cell Biology and Genetics		6ср
65111	Chemistry 1		6ср
91400	Human Anatomy and Physiology		6ср
65212	Chemistry 2		6ср
91314	General Microbiology		6ср
91703	Physiological Systems		6ср
68041	Physical Aspects of Nature		6ср
91707	Pharmacology 1		6ср
91320	Metabolic Biochemistry		6ср
91705	Medical Devices and Diagnostics		6ср
91706	Neuroscience		6ср
91239	Human Pathophysiology		6ср
91708	Medical and Applied Physiology		6ср
91709	Pharmacology 2		6ср
	9 Elective (Medical Science)		6ср
	redit points from the following options:		6ср
91401	Introductory Haematology and		
	Immunology	6ср	
91330	Epidemiology and Public Health		
	Microbiology	6ср	
91132	Molecular Biology 1	6ср	
		Total 9	96ср
MA 1044	1E Dietechnology		
MAJUTT	15 Biotechnology		

91161	Cell Biology and Genetics		6ср
65111	Chemistry 1		6cp
91400	Human Anatomy and Physiology		6ср
65212	Chemistry 2		6ср
91320	Metabolic Biochemistry		6ср
91314	General Microbiology		6ср
91132	Molecular Biology 1		6ср
91330	Epidemiology and Public Health Microbiolog	3y	6ср
91142	Biotechnology		6ср
91326	Analytical Biochemistry		6ср
91401	Introductory Haematology and Immunology		6ср
Select one	of the following:		6ср
91359	0)	6ср	
91335		6ср	
91369	Biobusiness and Environmental Biotechnolog	sy .	6ср
91368	Bioreactors and Bioprocessing		6ср
91144	Plant Biotechnology		6ср
Select 6 cre	edit points from the following options:		6ср
91129	Transfusion Science	6ср	
91352	Parasitology	6ср	
91345	Biochemistry, Genes and Disease	6ср	
91402	Anatomical Pathology	6ср	
		Total 9	96ср

MAJ01116 Mathematics

35100	Introduction to Sample Surveys	6ср
35101	Introduction to Linear Dynamical Systems	6ср
35102	Introduction to Analysis and Multivariable	-
	Calculus	6ср
35111	Applications of Discrete Mathematics	6ср
35140	Introduction to Quantitative Management	6ср
35151	Introduction to Statistics	6ср
35212	Computational Linear Algebra	6ср
35231	Differential Equations	6ср
35232	Advanced Calculus	6ср
35241	Optimisation in Quantitative Management	6ср
35353	Regression Analysis	6ср
35363	Stochastic Models	6ср

Select 74	19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0.4	144 1044	00 DI		
35252	credit points from the following options: Mathematical Statistics	6ср	24cp		22 Physics and Advanced Materials		
35322	Advanced Analysis	6ср		This majo	r is currently not available to international st	ıdents.	
35335	Mathematical Methods	6cp		Completi	on requirements		
35340	Quantitative Management Practice	6ср		68044	Characterisation of Energy Efficient Materia	ale	6ср
35342	Nonlinear Methods in Quantitative Management	6ср		68045	Computation Techniques in the	113	•
35344	Network and Combinatorial Optimisation	6ср		Select one	Materials Sciences of the following:		6ср 6ср
35355	Quality Control	6ср		68001		6ср	
35356	Design and Analysis of Experiments	6ср		68002		6ср	20
35361	Stochastic Processes	6cp		CBK90640	credit points from the following options:	6ср	30cp
35383 35391	High Performance Computing Seminar (Mathematics)	6cp		68001	Advanced Physics	6ср	
35391	Seminar (Mathematics) Seminar (Statistics)	6ср 6ср		68002	Advanced Nanomaterials	6cp	
00070	Serimar (Statistics)		196ср	68513	Optics and Nanophotonics	6cp	
			r	68320 68415	Scanning Probe and Electron Microscopy Measurement and Analysis of Physical	6ср	
	19 Biotechnology		,	00413	Processes	6ср	
65111 91161	Chemistry 1 Cell Biology and Genetics		6cp	68416	Computational Physics	6cp	
65212	Chemistry 2		6ср 6ср	68606	Solid-state Science and Nanodevices	6ср	
91400	Human Anatomy and Physiology		6ср	68316	Applied Electronics and Interfacing	6cp	
91320	Metabolic Biochemistry		6ср	67509 68413	Molecular Nanotechnology	6cp	
91314	General Microbiology		6ср	68315	Quantum Physics Imaging Science	6ср 6ср	
91142	Biotechnology		6cp	68046	Physics Research Project A	12cp	
91144	Plant Biotechnology	.1	6cp	68047	Physics Research Project B	12cp	
91369 Select on	Biobusiness and Environmental Biotechno e of the following:	nogy	6ср 6ср	68048	Physics Research Project	24cp	
9133		6ср	оср	60910	Directed Study A	6ср	
9135	0)	6ср		60911	Directed Study B	6cp	
91132	Molecular Biology 1	1	6ср	CBK90682	2 Options	6cp	l 48cp
91368	Bioreactors and Bioprocessing		6ср			1014	тчоср
	redit points from the following options:	(6ср	MAJ0112	23 Forensic Science		
91326 91330	Analytical Biochemistry Epidemiology and Public Health	6ср		This major	r contains subjects in both the physical forensic	science	es and
71000	Microbiology	6ср			ical forensic sciences. The ability to successful		
91401	Introductory Haematology and	I			jects is influenced by a student's prior studi		
	Immunology	6ср			ntact their program adviser to plan a program	of stud	y that
		Tota	l 78cp	is best sui	ted to their background and interests.		
MAJ011	20 Medical Science			Completi	on requirements		
65111	Chemistry 1		6ср	65034	Introduction to Forensic Science		6ср
91161	Cell Biology and Genetics		6cp	Select 42 o	credit points from the following options:		42cp
65212	Chemistry 2		6ср	CBK90640		6ср	
91400	Human Anatomy and Physiology		6cp	65342	Crime Scene Investigation	6cp	
91320 91314	Metabolic Biochemistry General Microbiology		6cp	65544 65545	Chemical Criminalistics Forensic Toxicology	6ср 6ср	
91703	Physiological Systems		6ср 6ср	35255	Forensic Statistics	6ср	
91706	Neuroscience		6cp	91137	DNA Profiling	6cp	
91707	Pharmacology 1		6ср	91138	Investigation of Human Remains	6cp	
91705	Medical Devices and Diagnostics		6ср	CE 410	Physical Evidence		
91708				65412		6ср	
	Medical and Applied Physiology		6cp	65412 65643	Chemistry and Pharmacology of	_	
91709	Pharmacology 2		6ср	65643	Recreational Drugs	6ср	
91709 91239	11 00	Total	6ср 6ср	65643 65644	Recreational Drugs Fire and Explosion Investigation	6cp 6cp	
	Pharmacology 2	Total	6ср	65643	Recreational Drugs	6cp 6cp 6cp	
91239	Pharmacology 2	Total	6ср 6ср	65644 91402	Recreational Drugs Fire and Explosion Investigation Anatomical Pathology	6cp 6cp 6cp 6cp 6cp	
91239 MAJ011 91535	Pharmacology 2 Human Pathophysiology	Total	6ср 6ср	65643 65644 91402 65863 65743 91139	Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology)	6cp 6cp 6cp 6cp 6cp	
91239 MAJ011 91535 91536	Pharmacology 2 Human Pathophysiology 21 Medical Biotechnology Microscopy and Cytometry Proteomics	Tota	6cp 6cp 178cp 6cp 6cp	65643 65644 91402 65863 65743 91139 79028	Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology)	6cp 6cp 6cp 6cp 6cp 6cp	
91239 MAJ011 91535 91536 Select 36	Pharmacology 2 Human Pathophysiology 21 Medical Biotechnology Microscopy and Cytometry Proteomics credit points from the following options:		6cp 6cp 178cp 6cp	65644 91402 65863 65743 91139 79028 65032	Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology) Forensic Science Research Project A	6cp 6cp 6cp 6cp 6cp 6cp 12cp	
91239 MAJ011 91535 91536 Select 36 CBK9064	Pharmacology 2 Human Pathophysiology 21 Medical Biotechnology Microscopy and Cytometry Proteomics credit points from the following options: 0 Elective	6ср	6cp 6cp 178cp 6cp 6cp	65644 91402 65863 65743 91139 79028 65032 65033	Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology) Forensic Science Research Project A Forensic Science Research Project	6cp 6cp 6cp 6cp 6cp 6cp 12cp 24cp	
91239 MAJ011 91535 91536 Select 36 CBK9064 91345	Pharmacology 2 Human Pathophysiology 21 Medical Biotechnology Microscopy and Cytometry Proteomics credit points from the following options: 0 Elective Biochemistry, Genes and Disease	6cp 6cp	6cp 6cp 178cp 6cp 6cp	65644 91402 65863 65743 91139 79028 65032	Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology) Forensic Science Research Project A	6cp 6cp 6cp 6cp 6cp 6cp 12cp	
91239 MAJ011 91535 91536 Select 36 CBK9064	Pharmacology 2 Human Pathophysiology 21 Medical Biotechnology Microscopy and Cytometry Proteomics credit points from the following options: 0 Elective	6cp 6cp 6cp	6cp 6cp 178cp 6cp 6cp	65643 65644 91402 65863 65743 91139 79028 65032 65033 91548 91549 91132	Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology) Forensic Science Research Project A Forensic Science Research Project Forensic Biology Research Project A Forensic Biology Research Project Molecular Biology 1	6cp 6cp 6cp 6cp 6cp 12cp 24cp 12cp 24cp 6cp	
91239 MAJ011 91535 91536 Select 36 CBK9064 91345 91352 91705 91368	Pharmacology 2 Human Pathophysiology 21 Medical Biotechnology Microscopy and Cytometry Proteomics credit points from the following options: 0 Elective Biochemistry, Genes and Disease Parasitology	6cp 6cp	6cp 6cp 178cp 6cp 6cp	65643 65644 91402 65863 65743 91139 79028 65032 65033 91548 91549 91132 65072	Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology) Forensic Science Research Project A Forensic Science Research Project A Forensic Biology Research Project A Forensic Biology Research Project Molecular Biology 1 Forensic Science Research Project B	6cp 6cp 6cp 6cp 6cp 12cp 24cp 12cp 24cp 12cp	
91239 MAJ011 91535 91536 Select 36 CBK9064 91345 91352 91705 91368 91707	Pharmacology 2 Human Pathophysiology 21 Medical Biotechnology Microscopy and Cytometry Proteomics credit points from the following options: 0 Elective Biochemistry, Genes and Disease Parasitology Medical Devices and Diagnostics Bioreactors and Bioprocessing Pharmacology 1	6cp 6cp 6cp 6cp 6cp	6cp 6cp 178cp 6cp 6cp	65643 65644 91402 65863 65743 91139 79028 65032 65033 91548 91549 91132 65072 91550	Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology) Forensic Science Research Project A Forensic Science Research Project Forensic Biology Research Project A Forensic Biology Research Project Molecular Biology 1 Forensic Science Research Project B Forensic Biology Research Project B	6cp 6cp 6cp 6cp 6cp 12cp 24cp 12cp 24cp 12cp 12cp	
91239 MAJ011 91535 91536 Select 36 CBK9064 91345 91352 91705 91368 91707 91335	Pharmacology 2 Human Pathophysiology 21 Medical Biotechnology Microscopy and Cytometry Proteomics credit points from the following options: 0 Elective Biochemistry, Genes and Disease Parasitology Medical Devices and Diagnostics Bioreactors and Bioprocessing Pharmacology 1 Molecular Biology 2	6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 178cp 6cp 6cp	65643 65644 91402 65863 65743 91139 79028 65032 65033 91548 91549 91132 65072 91550 60910	Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology) Forensic Science Research Project A Forensic Science Research Project Forensic Biology Research Project Molecular Biology Research Project Molecular Biology 1 Forensic Science Research Project B Forensic Biology Research Project B Directed Study A	6cp 6cp 6cp 6cp 6cp 12cp 24cp 24cp 12cp 12cp 12cp 6cp	
91239 MAJ011 91535 91536 Select 36 CBK9064 91345 91705 91368 91707 91335 91359	Pharmacology 2 Human Pathophysiology 21 Medical Biotechnology Microscopy and Cytometry Proteomics credit points from the following options: 0 Elective Biochemistry, Genes and Disease Parasitology Medical Devices and Diagnostics Bioreactors and Bioprocessing Pharmacology 1 Molecular Biology 2 Advanced Immunology	6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 178cp 6cp 6cp	65643 65644 91402 65863 65743 91139 79028 65032 65033 91548 91549 91132 65072 91550	Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology) Forensic Science Research Project A Forensic Science Research Project Forensic Biology Research Project A Forensic Biology Research Project Molecular Biology 1 Forensic Science Research Project B Forensic Biology Research Project B	6cp 6cp 6cp 6cp 6cp 12cp 24cp 12cp 24cp 12cp 6cp 12cp 6cp 6cp	1 4 8cp
91239 MAJ011 91535 91536 Select 36 CBK9064 91345 91352 91705 91368 91707 91335	Pharmacology 2 Human Pathophysiology 21 Medical Biotechnology Microscopy and Cytometry Proteomics credit points from the following options: 0 Elective Biochemistry, Genes and Disease Parasitology Medical Devices and Diagnostics Bioreactors and Bioprocessing Pharmacology 1 Molecular Biology 2	6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 178cp 6cp 6cp	65643 65644 91402 65863 65743 91139 79028 65032 65033 91548 91549 91132 65072 91550 60910	Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology) Forensic Science Research Project A Forensic Science Research Project A Forensic Biology Research Project A Forensic Biology Research Project Molecular Biology 1 Forensic Science Research Project B Forensic Biology Research Project B Directed Study A Directed Study B	6cp 6cp 6cp 6cp 6cp 12cp 12cp 12cp 12cp 12cp 6cp 12cp 17cp 17cp 6cp	l 48cp
91239 MAJ011 91535 91536 Select 36 CBK9064 91345 91352 91705 91368 91707 91335 91359 91344	Pharmacology 2 Human Pathophysiology 21 Medical Biotechnology Microscopy and Cytometry Proteomics credit points from the following options: 0 Elective Biochemistry, Genes and Disease Parasitology Medical Devices and Diagnostics Bioreactors and Bioprocessing Pharmacology 1 Molecular Biology 2 Advanced Immunology Medical and Diagnostic Biochemistry Biobusiness and Environmental Biotechnology	6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 178cp 6cp 6cp	65643 65644 91402 65863 65743 91139 79028 65032 65033 91548 91549 91132 65072 91550 60910	Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology) Forensic Science Research Project A Forensic Science Research Project Forensic Biology Research Project Molecular Biology Research Project Molecular Biology 1 Forensic Science Research Project B Forensic Biology Research Project B Directed Study A	6cp 6cp 6cp 6cp 6cp 12cp 12cp 12cp 12cp 12cp 6cp 12cp 17cp 17cp 6cp	l 48cp
91239 MAJ011 91535 91536 Select 36 CBK9064 91345 91352 91705 91368 91707 91335 91359 91344 91369	Pharmacology 2 Human Pathophysiology 21 Medical Biotechnology Microscopy and Cytometry Proteomics credit points from the following options: 0 Elective Biochemistry, Genes and Disease Parasitology Medical Devices and Diagnostics Bioreactors and Bioprocessing Pharmacology 1 Molecular Biology 2 Advanced Immunology Medical and Diagnostic Biochemistry Biobusiness and Environmental Biotechnology Biotechnology Research Project A	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	6cp 6cp 178cp 6cp 6cp	65643 65644 91402 65863 65743 91139 79028 65032 65033 91548 91549 91132 65072 91550 60910 60911	Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology) Forensic Science Research Project A Forensic Science Research Project A Forensic Biology Research Project A Forensic Biology Research Project Molecular Biology 1 Forensic Science Research Project B Forensic Science Research Project B Directed Study A Directed Study B	6cp 6cp 6cp 6cp 6cp 12cp 12cp 12cp 12cp 12cp 12cp 17cp 6cp 17cp 6cp	l 48cp 48cp
91239 MAJ011 91535 91536 Select 36 CBK9064 91345 91352 91705 91368 91707 91335 91359 91344 91369 91537 91538	Pharmacology 2 Human Pathophysiology 21 Medical Biotechnology Microscopy and Cytometry Proteomics credit points from the following options: 0 Elective Biochemistry, Genes and Disease Parasitology Medical Devices and Diagnostics Bioreactors and Bioprocessing Pharmacology 1 Molecular Biology 2 Advanced Immunology Medical and Diagnostic Biochemistry Biobusiness and Environmental Biotechnology Biotechnology Research Project A Biotechnology Research Project B	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 12cp	6cp 6cp 178cp 6cp 6cp	65643 65644 91402 65863 65743 91139 79028 65032 65033 91548 91549 91132 65072 91550 60910 60911 MAJ0112 Select 48 6 CBK90640	Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology) Forensic Science Research Project A Forensic Science Research Project A Forensic Biology Research Project A Forensic Biology Research Project Molecular Biology 1 Forensic Science Research Project B Forensic Biology Research Project B Directed Study A Directed Study B	6cp 6cp 6cp 6cp 6cp 12cp 12cp 12cp 12cp 12cp 17cp 17cp 17cp 17cp 17cp 6cp 17cp 6cp 17cp 6cp 6cp	•
91239 MAJ011 91535 91536 Select 36 CBK9064 91345 91352 91705 91368 91707 91335 91359 91344 91369 91537 91538 91539	Pharmacology 2 Human Pathophysiology 21 Medical Biotechnology Microscopy and Cytometry Proteomics credit points from the following options: 0 Elective Biochemistry, Genes and Disease Parasitology Medical Devices and Diagnostics Bioreactors and Bioprocessing Pharmacology 1 Molecular Biology 2 Advanced Immunology Medical and Diagnostic Biochemistry Biobusiness and Environmental Biotechnology Biotechnology Research Project A Biotechnology Research Project B Biotechnology Research Project	6cp 6cp 6cp 6cp 6cp 6cp 6cp 12cp 12cp 24cp	6cp 6cp 178cp 6cp 6cp	65643 65644 91402 65863 65743 91139 79028 65032 65033 91548 91549 91132 65072 91550 60910 60911 MAJ0112 Select 48 6 CBK90640 35231	Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology) Forensic Science Research Project A Forensic Science Research Project A Forensic Biology Research Project Molecular Biology Research Project B Forensic Science Research Project B Forensic Biology Research Project B Directed Study A Directed Study B	6cp 6cp 6cp 6cp 6cp 12cp 24cp 12cp 24cp 12cp 12cp 12cp 6cp 6cp 6cp	•
91239 MAJ011 91535 91536 Select 36 CBK9064 91345 91352 91705 91368 91707 91335 91359 91344 91369 91537 91538 91539 60910	Pharmacology 2 Human Pathophysiology 21 Medical Biotechnology Microscopy and Cytometry Proteomics credit points from the following options: 0 Elective Biochemistry, Genes and Disease Parasitology Medical Devices and Diagnostics Bioreactors and Bioprocessing Pharmacology 1 Molecular Biology 2 Advanced Immunology Medical and Diagnostic Biochemistry Biobusiness and Environmental Biotechnology Biotechnology Research Project A Biotechnology Research Project B Biotechnology Research Project B Biotechnology Research Project Directed Study A	6cp 6cp 6cp 6cp 6cp 6cp 6cp 12cp 12cp 24cp 6cp	6cp 6cp 178cp 6cp 6cp	65643 65644 91402 65863 65743 91139 79028 65032 65033 91548 91549 91132 65072 91550 60910 60911 MAJ0112 Select 48 6 CBK90640	Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology) Forensic Science Research Project A Forensic Science Research Project A Forensic Biology Research Project A Forensic Biology Research Project Molecular Biology Research Project B Forensic Science Research Project B Forensic Biology Research Project B Directed Study A Directed Study B 24 Mathematical and Statistical Modelliced points from the following options: Differential Equations Mathematical Statistics	6cp 6cp 6cp 6cp 6cp 12cp 12cp 12cp 12cp 12cp 12cp 12cp 6cp 6cp 6cp 6cp 6cp	•
91239 MAJ011 91535 91536 Select 36 CBK9064 91345 91352 91705 91368 91707 91335 91359 91344 91369 91537 91538 91539	Pharmacology 2 Human Pathophysiology 21 Medical Biotechnology Microscopy and Cytometry Proteomics credit points from the following options: 0 Elective Biochemistry, Genes and Disease Parasitology Medical Devices and Diagnostics Bioreactors and Bioprocessing Pharmacology 1 Molecular Biology 2 Advanced Immunology Medical and Diagnostic Biochemistry Biobusiness and Environmental Biotechnology Biotechnology Research Project A Biotechnology Research Project B Biotechnology Research Project	6cp 6cp 6cp 6cp 6cp 6cp 6cp 12cp 12cp 24cp	6cp 6cp 178cp 6cp 6cp	65643 65644 91402 65863 65743 91139 79028 65032 65033 91548 91549 91132 65072 91550 60910 60911 MAJ0112 Select 48 of CBK90640 35231 35252	Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology) Forensic Science Research Project A Forensic Science Research Project A Forensic Biology Research Project Molecular Biology Research Project B Forensic Science Research Project B Forensic Biology Research Project B Directed Study A Directed Study B	6cp 6cp 6cp 6cp 6cp 12cp 24cp 12cp 24cp 12cp 12cp 12cp 6cp 6cp 6cp	•
91239 MAJ011 91535 91536 Select 36 CBK9064 91345 91352 91705 91368 91707 91335 91359 91344 91369 91537 91538 91539 60910 60911 91709	Pharmacology 2 Human Pathophysiology 21 Medical Biotechnology Microscopy and Cytometry Proteomics credit points from the following options: 0 Elective Biochemistry, Genes and Disease Parasitology Medical Devices and Diagnostics Bioreactors and Bioprocessing Pharmacology 1 Molecular Biology 2 Advanced Immunology Medical and Diagnostic Biochemistry Biobusiness and Environmental Biotechnology Biotechnology Research Project A Biotechnology Research Project B Biotechnology Research Project Directed Study A Directed Study B	6cp 6cp 6cp 6cp 6cp 6cp 6cp 12cp 12cp 24cp 6cp 6cp	6cp 6cp 178cp 6cp 6cp 36cp	65643 65644 91402 65863 65743 91139 79028 65032 65033 91548 91549 91132 65072 91550 60910 60911 MAJ0112 Select 48 c CBK90640 35231 35252 35322	Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Biology) Complex Forensic Cases (Biology) Complex Forensic Cases (Law for Biology) Forensic Science Research Project A Forensic Science Research Project A Forensic Biology Research Project Molecular Biology Research Project B Forensic Science Research Project B Forensic Biology Research Project B Directed Study A Directed Study B 24 Mathematical and Statistical Modelli credit points from the following options: D Elective Differential Equations Mathematical Statistics Advanced Analysis Quantitative Management Practice Nonlinear Methods in Quantitative	6cp 6cp 6cp 6cp 6cp 6cp 12cp 24cp 12cp 12cp 12cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp	•
91239 MAJ011 91535 91536 Select 36 CBK9064 91345 91352 91705 91368 91707 91335 91359 91344 91369 91537 91538 91539 60910 60911 91709	Pharmacology 2 Human Pathophysiology 21 Medical Biotechnology Microscopy and Cytometry Proteomics credit points from the following options: 0 Elective Biochemistry, Genes and Disease Parasitology Medical Devices and Diagnostics Bioreactors and Bioprocessing Pharmacology 1 Molecular Biology 2 Advanced Immunology Medical and Diagnostic Biochemistry Biobusiness and Environmental Biotechnology Biotechnology Research Project A Biotechnology Research Project B Biotechnology Research Project Directed Study A Directed Study A Directed Study B Pharmacology 2	6cp 6cp 6cp 6cp 6cp 6cp 6cp 12cp 12cp 24cp 6cp 6cp	6cp 6cp 178cp 6cp 6cp	65643 65644 91402 65863 65743 91139 79028 65032 65033 91548 91549 91132 65072 91550 60910 60911 MAJ0112 Select 48 6 CBK90640 35231 35252 353322 35340 35342	Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Chemistry) Complex Forensic Cases (Law for Biology) Forensic Science Research Project A Forensic Science Research Project A Forensic Biology Research Project Molecular Biology I Forensic Science Research Project B Forensic Science Research Project B Forensic Science Research Project B Directed Study A Directed Study A Directed Study B	6cp 6cp 6cp 6cp 6cp 12cp 12cp 12cp 12cp 12cp 12cp 6cp 6cp 6cp 6cp 6cp	•
91239 MAJ011 91535 91536 Select 36 CBK9064 91345 91352 91705 91368 91707 91335 91359 91344 91369 91537 91538 91539 60910 60911 91709	Pharmacology 2 Human Pathophysiology 21 Medical Biotechnology Microscopy and Cytometry Proteomics credit points from the following options: 0 Elective Biochemistry, Genes and Disease Parasitology Medical Devices and Diagnostics Bioreactors and Bioprocessing Pharmacology 1 Molecular Biology 2 Advanced Immunology Medical and Diagnostic Biochemistry Biobusiness and Environmental Biotechnology Biotechnology Research Project A Biotechnology Research Project B Biotechnology Research Project Directed Study A Directed Study A Directed Study B Pharmacology 2	6cp 6cp 6cp 6cp 6cp 6cp 6cp 12cp 12cp 24cp 6cp 6cp	6cp 6cp 178cp 6cp 6cp 36cp	65643 65644 91402 65863 65743 91139 79028 65032 65033 91548 91132 65072 91550 60910 60911 MAJ0112 Select 48 6 CBK90640 35231 35252 35340	Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Chemistry) Complex Forensic Cases (Law for Biology) Forensic Science Research Project A Forensic Science Research Project A Forensic Biology Research Project A Forensic Biology Research Project B Forensic Science Research Project B Forensic Science Research Project B Directed Study A Directed Study A Directed Study B	6cp 6cp 6cp 6cp 6cp 12cp 12cp 12cp 12cp 12cp 12cp 15cp 16cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	•
91239 MAJ011 91535 91536 Select 36 CBK9064 91345 91352 91705 91368 91707 91335 91359 91344 91369 91537 91538 91539 60910 60911 91709	Pharmacology 2 Human Pathophysiology 21 Medical Biotechnology Microscopy and Cytometry Proteomics credit points from the following options: 0 Elective Biochemistry, Genes and Disease Parasitology Medical Devices and Diagnostics Bioreactors and Bioprocessing Pharmacology 1 Molecular Biology 2 Advanced Immunology Medical and Diagnostic Biochemistry Biobusiness and Environmental Biotechnology Biotechnology Research Project A Biotechnology Research Project B Biotechnology Research Project Directed Study A Directed Study A Directed Study B Pharmacology 2	6cp 6cp 6cp 6cp 6cp 6cp 6cp 12cp 12cp 24cp 6cp 6cp	6cp 6cp 178cp 6cp 6cp 36cp	65643 65644 91402 65863 65743 91139 79028 65032 65033 91548 91549 91132 65072 91550 60910 60911 MAJ0112 Select 48 6 CBK90640 35231 35252 353322 35340 35342	Recreational Drugs Fire and Explosion Investigation Anatomical Pathology Expert Evidence Presentation Complex Forensic Cases (Chemistry) Complex Forensic Cases (Chemistry) Complex Forensic Cases (Law for Biology) Forensic Science Research Project A Forensic Science Research Project A Forensic Biology Research Project Molecular Biology I Forensic Science Research Project B Forensic Science Research Project B Forensic Science Research Project B Directed Study A Directed Study A Directed Study B	6cp 6cp 6cp 6cp 6cp 6cp 12cp 24cp 12cp 12cp 12cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp	•

35355	Quality Control	6ср	
35356	Design and Analysis of Experiments	6ср	
35361	Stochastic Processes	6ср	
35366	Numerical Methods of Finance	6ср	
35457	Multivariate Statistics	6ср	
35502	Seminar A	6ср	
35503	Seminar B	6ср	
35504	Seminar C	6ср	
35505	Seminar D	6ср	
35112		12cp	
35113		12cp	
35114		24cp	
35364	Statistics for Quantitative Finance	6cp	
35365	Stochastic Calculus in Finance		
35393	Seminar (Statistics)	6cp	
33393	Seminar (Statistics)	6cp	48cp
		IOtal	40CP
MΔ I0112	5 Science Management		
	=		
60905	Leadership and Teamwork in Science		6cp
60906	Science in Practice		6cp
60907	Managing Science-based Enterprises		6cp
60908	Science and Industrialisation		6cp
CBK90678			12cp
	edit points from the following options:		12cp
CBK90388		12cp	
CBK90643		12cp	
CBK90650	Electives	12cp	4.0
		Total	48cp
144 10440	/ F		
	6 Environmental Sciences		
	Environmental Science choice A		36ср
	Environmental Science choice B		36cp
CBK90232	Electives (Science UG)		24cp
		Total	96cp
MAJ0112	7 Medical and Molecular Biosciences		
CBK90658	Medical and Molecular Biosciences choice A		36ср
CBK90659	Medical and Molecular Biosciences choice B		36ср
CBK90232	Electives (Science UG)		24cp
		Total	96cp
MAJ0112	8 Physics and Advanced Materials		
CBK90660	Physics and Advanced Materials choice A		36ср
	Physics and Advanced Materials choice B		36cp
	Electives (Science UG)		24cp
	(,	Total	96cp
			1
MAJ0112	9 Chemical Science		
CBK90662	Chemical Science choice A		36ср
	Chemical Science choice B		36cp
	Electives (Science UG)		24cp
		Total	96cp
MAJ0113	Marine Science and Management		
91146	Topics in Australian Marine Science		6ср
91165	External Marine Study 1		6cp
91166	External Marine Study 2		6cp
	redit points from the following options:		30cp
91157	Marine Communities	6ср	ооср
91118	Fisheries Resources	6ср	
66513	Marine Geosciences	6ср	
91126	Coral Reef Ecosystems	6ср	
91156	Marine Primary Producers	6ср	
91540	Climate Change and Ecological Modelling	6ср	
91541	Monitoring Ecological Variability	6ср	
91545	Environment Research Project A	12ср	
91546	Environment Research Project B	12cp 12cp	
91547	Environment Research Project	24cp	
)1UT/	Environment research i roject		48cp
		iotal	10ср
MAJ0204	1 Information Technology		
	provides the foundations of business exete		1 .
. has madian	provided the toundations of business system		- ITTO i O

This major provides the foundations of business systems analysis plus the opportunity to explore in more detail either the technical or management aspects of IT. Students completing this major are able to take an active part in the design or quite complex business information systems.

This major is accredited by the Australian Computer Society at the Associate level.

Completion requirements

31061	Database Principles		6ср
31266	Introduction to Information Systems		6ср
48023	Programming Fundamentals		6ср
31269	Business Requirements Modelling		6ср
31270	Networking Essentials		6ср
	redit points from the following options:		18cp
31268	Web Systems	6ср	тоср
31257	Information System Development	оср	
01207	Methodologies	6ср	
31247	Collaborative Business Processes	6cp	
31245	Business Process and IT Strategy	6cp	
31258	Innovations for Global Relationship		
	Management	6ср	
31276	Networked Enterprise Architecture	6cp	
31282	Systems Testing and Quality Management	6cp	
48024	Applications Programming	6cp	
31251	Data Structures and Algorithms	6cp	
48440	Software Engineering Practice	6ср	
31260	Interface Design	6ср	
31284	Web Services Development	6ср	
48433	Software Architecture	6ср	
31253	Database Programming	6ср	
31277	Routing and Internetworks	6cp	
31252	Network Security	6cp	
	,		l 48cp
			-

MAJ02044 Information Technology

This major is designed for students who have an information technology background or a keen interest in information technology. The major helps professionals develop specialised IT skills, equips people considering entry to the IT industry from other fields, or challenges the IT professional. The major offers the participant either a platform entry for those with a non-IT background or a more specialised entry for those with an IT background. The innovative programs cover growth areas such as computer graphics and gaming, data mining, e-business technology, human-centred design, interactive multimedia, internetworking and strategic IT management. Participants have the opportunity to acquire knowledge, strategies and skills that cover the applications and management of technology.

Completion requirements

Select one of the following:	24cp
STM90695 Core subjects	24cp
CBK90802 Choice	24cp
CBK90816 Choice	24cp
	Total 48cn

MAJ02080 Business Information Systems Management

In the Business Information Systems Management major students learn how to use appropriate design approaches to design ICTs for all types of business activities, including customer-focused operations, maintaining relationships for knowledge sharing, business collaboration and strategic management. Students also learn about organisation theory, accounting and project management.

Ways to simplify the use of technology in complex business activities are not well understood. With this major, students are equipped to manage the integration of ICTs into business and society, and take leadership roles in their implementation.

31257	Information System Development		
	Methodologies		6ср
Select one	of the following:		6ср
31255	Finance and IT	6ср	•
31097	IT Operations Management	6ср	
31247	Collaborative Business Processes	-	6ср
31245	Business Process and IT Strategy		6ср
31258	Innovations for Global Relationship		•
	Management		6ср
31276	Networked Enterprise Architecture		6ср
31282	Systems Testing and Quality Management		6ср
31280	Strategic IT Project		6ср
	,	Total	48cp

MAJ020	81 Data Analytics		68038	Advanced Mathematics and Physics	6ср
This maio	or integrates the mathematical and information	n technology	48530	Circuit Analysis	6cp
	ons for developing and applying busines		48531 48540	Electromechanical Automation	6cp
	and is concerned with technology services			Signals and Systems Thread choice	6cp
	analytics is an emerging and rapidly expanding		48016	Capstone Project Part A	54cp 6cp
	athematics and statistical methods interact w		48026	Capstone Project Part B	6cp
	on technologies to improve the flow of massive		10020	empstorie i roject i art 2	Total 120cp
	business. Students learn mathematical analyt				1
contempo	orary statistical data mining and computation	ai memous.	MAJ0300	7 Mechanical Engineering	
Complet	ion requirements		48610	Introduction to Mechanical and Mechatron	ic
35101	Introduction to Linear Dynamical Systems	6ср	40001	Engineering	6cp
35151	Introduction to Statistics	6cp	48221	Engineering Computations	6cp
31250	Introduction to Data Analytics	6cp	60101 48620	Chemistry and Materials Science Fundamentals of Mechanical Engineering	6cp
41004	Analytics Capstone Project	6cp	48621	Manufacturing Engineering	6ср 6ср
	credit points from the following options:	24cp	48331	Mechanics of Solids	6cp
31253	Database Programming	6ср	48510	Introduction to Electrical Engineering	6cp
31259 31256	Intelligent Agents	6cp	48641	Fluid Mechanics	6cp
31000	Image Processing and Pattern Recognition e-Business Trading	6ср 6ср	48600	Mechanical Design 1	6cp
31005	Data Mining Algorithms	6ср	48640	Machine Dynamics	6ср
31050	Programming with Patterns	6cp	48642	Strength of Engineering Materials	6cp
31075	Object-relational Databases	6cp	48651 48660	Thermodynamics Dynamics and Control	6cp
32146	Data Visualisation and Visual Analytics	6ср	48650	Mechanical Design 2	6ср 6ср
31243	Analytics Capstone Project B	6ср	48663	Advanced Manufacturing	6cp
		Total 48cp	48601	Mechanical Vibration and Measurement	6ср
MA IOSO	01 Civil Engineering		48661	Heat Transfer	6cp
	<u> </u>		48670	Mechanical and Mechatronic Design	6cp
48310	Introduction to Civil and Environmental Engineering	6an	48016	Capstone Project Part A	6ср
48321	Engineering Engineering Mechanics	6ср 6ср	48026	Capstone Project Part B	6cp
60101	Chemistry and Materials Science	6cp			Total 120cp
48331	Mechanics of Solids	6ср	MA 10301	2 Mechanical and Mechatronic Engine	rina
48330	Soil Behaviour	6cp	48610	Introduction to Mechanical and Mechatron	-
48641	Fluid Mechanics	6cp	40010	Engineering	6ср
48340	Construction	6ср	48620	Fundamentals of Mechanical Engineering	6ср
48352	Construction Materials	6cp	48621	Manufacturing Engineering	6cp
48221 48320	Engineering Computations	6cp	48510	Introduction to Electrical Engineering	6cp
48362	Surveying Hydraulics and Hydrology	6ср 6ср	48023	Programming Fundamentals	6cp
48360	Geotechnical Engineering	6cp	48520	Electronics and Circuits	6ср
48016	Capstone Project Part A	6ср	48331	Mechanics of Solids	6cp
48026	Capstone Project Part B	6cp	48641	Fluid Mechanics	6cp
Select 36	credit points from the following options:	36cp	48600 48640	Mechanical Design 1 Machine Dynamics	6cp
	6 Civil stream	36cp	48531	Electromechanical Automation	6ср 6ср
	3 Structures stream	36cp	48622	Mechatronics 1	6ср
S1M9049	4 Construction stream	36cp Total 120cp	48642	Strength of Engineering Materials	6cp
		10tai 120cp	48660	Dynamics and Control	6cp
MAJ030	02 Civil and Environmental Engineering		48651	Thermodynamics	6ср
48310	Introduction to Civil and Environmental		48650	Mechanical Design 2	6cp
10010	Engineering	6ср	48623	Mechatronics 2	6cp
48321	Engineering Mechanics	6ср	48670 48016	Mechanical and Mechatronic Design Capstone Project Part A	6ср 6ср
65111	Chemistry 1	6cp	48026	Capstone Project Part B	6cp
48331	Mechanics of Solids	6cp	10020	cupstone Project Part B	Total 120cp
48330	Soil Behaviour	6ср			1
48641	Fluid Mechanics	6cp	MAJ0301	3 Civil Engineering	
48340 48352	Construction Construction Materials	6cp	48310	Introduction to Civil and Environmental	
48221	Engineering Computations	6cp		Engineering	6ср
48320	Surveying	6ср 6ср	48321	Engineering Mechanics	6cp
48362	Hydraulics and Hydrology	6ср	60101	Chemistry and Materials Science	6cp
48821	Ecological Engineering	6cp	48331 48330	Mechanics of Solids Soil Behaviour	6cp
48342	Structural Behaviour and Design	6cp	48641	Fluid Mechanics	6ср 6ср
48840	Water Supply and Wastewater Engineering	6ср	48349	Structural Analysis	6cp
48370	Road and Transport Engineering	6ср	48340	Construction	6ср
48860	Pollution Control and Waste Management	6cp	48352	Construction Materials	6cp
48850 48016	Environmental Planning and Law Capstone Project Part A	6ср 6ср	48353	Concrete Design	6cp
48881	Water and Environmental Design	6ср 6ср	48350	Environmental and Sanitation Engineering	6ср
48026	Capstone Project Part B	6cp	48366	Steel and Timber Design	6cp
	- · r	Total 120cp	48006	Capstone Project	6cp
		-1	48389 48370	Computer Modelling and Design Road and Transport Engineering	6cp
MAJ030	05 Electrical Engineering		48221	Engineering Computations	6ср 6ср
48510	Introduction to Electrical Engineering	6ср		edit points from the following options:	6cp
48441	Introductory Digital Systems	6cp	48320	Surveying	6ср
48521	Fundamentals of Electrical Engineering	6cp	48360	Geotechnical Engineering	6cp
48520 48430	Electronics and Circuits Embedded C	6cp	48362	Hydraulics and Hydrology	6cp
10100	Linecuaca C	6ср			Total 102cp

	14 Civil and Environmental Engineering		48340	Construction	6ср
48310	Introduction to Civil and Environmental		48352	Construction Materials	6ср
	Engineering	6ср	48353	Concrete Design	6cp
48821	Ecological Engineering	6cp	48350 48366	Environmental and Sanitation Engineering Steel and Timber Design	6cp
65111	Chemistry 1	6cp	48389	Computer Modelling and Design	6ср 6ср
48320 48321	Surveying Engineering Mechanics	6cp	48370	Road and Transport Engineering	6ср
48331	Mechanics of Solids	6ср 6ср	48221	Engineering Computations	6cp
48340	Construction	6ср	48016	Capstone Project Part A	6cp
48641	Fluid Mechanics	6cp	48026	Capstone Project Part B	6ср
48840	Water Supply and Wastewater Engineering	6cp		credit points from the following options:	12cp
48330	Soil Behaviour	6cp	48320	Surveying	6ср
48342	Structural Behaviour and Design	6cp	48360 48362	Geotechnical Engineering Hydraulics and Hydrology	6ср 6ср
48850	Environmental Planning and Law	6cp	40302	Trydraunes and Trydrology	Total 114cp
48006 48881	Capstone Project Water and Environmental Design	6cp			rotai ii iep
48860	Pollution Control and Waste Management	6ср 6ср	MAJ0302	26 Civil and Environmental Engineering	
48221	Engineering Computations	6cp	48310	Introduction to Civil and Environmental	
48362	Hydraulics and Hydrology	6cp		Engineering	6ср
		Total 102cp	48321	Engineering Mechanics	6ср
144 10004			48362	Hydraulics and Hydrology	6ср
	17 Electrical Engineering		48821 48320	Ecological Engineering	6cp
48510	Introduction to Electrical Engineering	6cp	48340	Surveying Construction	6ср 6ср
48441 48521	Introductory Digital Systems Fundamentals of Electrical Engineering	6cp	48641	Fluid Mechanics	6ср
48520	Electronics and Circuits	6ср 6ср	48331	Mechanics of Solids	6cp
48430	Embedded C	6cp	48840	Water Supply and Wastewater Engineering	6cp
68038	Advanced Mathematics and Physics	6cp	48330	Soil Behaviour	6ср
48531	Electromechanical Automation	6cp	48850	Environmental Planning and Law	6ср
48540	Signals and Systems	6cp	48342	Structural Behaviour and Design	6ср
	Thread choice	36cp	48860	Pollution Control and Waste Management	6cp
48016	Capstone Project Part A	6cp	48881 48221	Water and Environmental Design Engineering Computations	6ср 6ср
48026	Capstone Project Part B	6cp	48016	Capstone Project Part A	6ср
48530	Circuit Analysis	6cp Total 102cp	48026	Capstone Project Part B	6ср
		10tai 102cp		credit points from the following options:	12cp
MAJ0301	19 Mechanical Engineering		65111	Chemistry 1	6ср
48610	Introduction to Mechanical and Mechatronic	С	48352	Construction Materials	6cp
	Engineering	6ср	48370	Road and Transport Engineering	6cp
48621	Manufacturing Engineering	6cp			Total 114cp
48620	Fundamentals of Mechanical Engineering	6cp	MAJ0302	28 Electrical Engineering	
60101	Chemistry and Materials Science	6cp	48510	Introduction to Electrical Engineering	6ср
48331 48641	Mechanics of Solids Fluid Mechanics	6cp	48441	Introductory Digital Systems	6ср
48600	Mechanical Design 1	6ср 6ср	48521	Fundamentals of Electrical Engineering	6cp
48510	Introduction to Electrical Engineering	6ср	48520	Electronics and Circuits	6cp
48640	Machine Dynamics	6cp	48430	Embedded C	6ср
48651	Thermodynamics	6cp	68038	Advanced Mathematics and Physics	6ср
		ocp			
48642	Strength of Engineering Materials	6ср	48530	Circuit Analysis	6ср
48650	Strength of Engineering Materials Mechanical Design 2	6ср 6ср	48530 48531	Electromechanical Automation	6cp 6cp
48650 48670	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design	6ср 6ср 6ср	48530 48531 48540	Electromechanical Automation Signals and Systems	6cp 6cp 6cp
48650 48670 48660	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control	6cp 6cp 6cp 6cp	48530 48531 48540 CBK90620	Electromechanical Automation	6cp 6cp 6cp 36cp
48650 48670 48660 48221	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations	6cp 6cp 6cp 6cp 6cp	48530 48531 48540 CBK90620	Electromechanical Automation Signals and Systems Thread choice	6cp 6cp 6cp 36cp 12cp
48650 48670 48660 48221 48006	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations Capstone Project	6cp 6cp 6cp 6cp 6cp 6cp	48530 48531 48540 CBK90620 CBK90617	Electromechanical Automation Signals and Systems Thread choice Electives	6cp 6cp 6cp 36cp 12cp 6cp 6cp
48650 48670 48660 48221 48006	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations	6cp 6cp 6cp 6cp 6cp	48530 48531 48540 CBK90620 CBK90617 48016	Electromechanical Automation Signals and Systems Thread choice Electives Capstone Project Part A	6cp 6cp 6cp 36cp 12cp 6cp
48650 48670 48660 48221 48006 Select 6 cr 48661 48663	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations Capstone Project edit points from the following options: Heat Transfer Advanced Manufacturing	6cp 6cp 6cp 6cp 6cp 6cp 6cp	48530 48531 48540 CBK90620 CBK90612 48016 48026	Electromechanical Automation Signals and Systems) Thread choice 7 Electives Capstone Project Part A Capstone Project Part B	6cp 6cp 6cp 36cp 12cp 6cp 6cp
48650 48670 48660 48221 48006 Select 6 cr 48661	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations Capstone Project edit points from the following options: Heat Transfer	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	48530 48531 48540 CBK90620 CBK90612 48016 48026	Electromechanical Automation Signals and Systems Thread choice Electives Capstone Project Part A Capstone Project Part B	6cp 6cp 6cp 36cp 12cp 6cp 7otal 114cp
48650 48670 48660 48221 48006 Select 6 cr 48661 48663	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations Capstone Project edit points from the following options: Heat Transfer Advanced Manufacturing	6cp 6cp 6cp 6cp 6cp 6cp 6cp	48530 48531 48540 CBK90620 CBK90612 48016 48026 MAJ0302 48080	Electromechanical Automation Signals and Systems) Thread choice 7 Electives Capstone Project Part A Capstone Project Part B	6cp 6cp 6cp 36cp 12cp 6cp 6cp Total 114cp
48650 48670 48660 48221 48006 Select 6 cr 48661 48663 48601	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations Capstone Project redit points from the following options: Heat Transfer Advanced Manufacturing Mechanical Vibration and Measurement	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	48530 48531 48540 CBK90620 CBK90612 48016 48026 MAJ0302 48080 48081	Electromechanical Automation Signals and Systems Thread choice Electives Capstone Project Part A Capstone Project Part B 29 Innovation Engineering Introduction to Innovation Innovation Processes	6cp 6cp 6cp 36cp 12cp 6cp 6cp Total 114cp
48650 48670 48660 48221 48006 Select 6 cr 48661 48663 48601	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations Capstone Project redit points from the following options: Heat Transfer Advanced Manufacturing Mechanical Vibration and Measurement	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 5cp 6cp	48530 48531 48540 CBK90620 CBK90612 48016 48026 MAJ0302 48080 48081 CBK90472	Electromechanical Automation Signals and Systems Thread choice Electives Capstone Project Part A Capstone Project Part B 29 Innovation Engineering Introduction to Innovation Innovation Processes Innovation choice	6cp 6cp 6cp 36cp 12cp 6cp 6cp Total 114cp
48650 48670 48660 48221 48006 Select 6 cr 48661 48663 48601 MAJ0302	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations Capstone Project redit points from the following options: Heat Transfer Advanced Manufacturing Mechanical Vibration and Measurement 24 Innovation Engineering Introduction to Innovation	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 102cp	48530 48531 48540 CBK90620 CBK90612 48016 48026 MAJ0302 48080 48081 CBK90473 CBK90468	Electromechanical Automation Signals and Systems Thread choice Electives Capstone Project Part A Capstone Project Part B 29 Innovation Engineering Introduction to Innovation Innovation Processes Innovation choice Engineering choice	6cp 6cp 36cp 12cp 6cp 6cp Total 114cp
48650 48670 48660 48221 48006 Select 6 cr 48661 48663 48601 MAJ0302 48080 CBK90460	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations Capstone Project redit points from the following options: Heat Transfer Advanced Manufacturing Mechanical Vibration and Measurement 24 Innovation Engineering Introduction to Innovation Engineering choice	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 102cp	48530 48531 48540 CBK90620 CBK90612 48016 48026 MAJ0302 48080 48081 CBK9047 CBK90468 Select 12 of	Electromechanical Automation Signals and Systems Thread choice Electives Capstone Project Part A Capstone Project Part B 29 Innovation Engineering Introduction to Innovation Innovation Processes Innovation choice	6cp 6cp 6cp 36cp 12cp 6cp 6cp Total 114cp
48650 48670 48660 48221 48006 Select 6 cr 48661 48663 48601 MAJ0302 48080 CBK90460 CBK90471	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations Capstone Project redit points from the following options: Heat Transfer Advanced Manufacturing Mechanical Vibration and Measurement 24 Innovation Engineering Introduction to Innovation	6cp 6cp 6cp 6cp 6cp 6cp 6cp 5cp 6cp 7 Total 102cp	48530 48531 48540 CBK90620 CBK90612 48016 48026 MAJ0302 48080 48081 CBK9047 CBK90468 Select 12 of	Electromechanical Automation Signals and Systems) Thread choice 7 Electives Capstone Project Part A Capstone Project Part B 29 Innovation Engineering Introduction to Innovation Innovation Processes I Innovation choice B Engineering choice credit points from the following options: Capstone Project Capstone Project Part A	6cp 6cp 36cp 12cp 6cp Total 114cp 6cp 12cp 84cp 12cp 12cp 6cp
48650 48670 48660 48221 48006 Select 6 cr 48661 48663 48601 MAJ0302 48080 CBK90460 CBK90471	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations Capstone Project edit points from the following options: Heat Transfer Advanced Manufacturing Mechanical Vibration and Measurement 24 Innovation Engineering Introduction to Innovation D Engineering choice Innovation choice of the following:	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 102cp	48530 48531 48540 CBK90620 CBK90612 48016 48026 MAJ0302 48080 48081 CBK9047 CBK90468 Select 12 of	Electromechanical Automation Signals and Systems Thread choice Electives Capstone Project Part A Capstone Project Part B 29 Innovation Engineering Introduction to Innovation Innovation Processes Innovation choice Engineering choice Capstone Project	6cp 6cp 36cp 12cp 6cp 6cp Total 114cp 6cp 6cp 12cp 84cp 12cp 12cp 6cp 6cp
48650 48670 48660 48221 48006 Select 6 cr 48661 48663 48601 MAJ0302 48080 CBK90460 CBK90471 Select one	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations Capstone Project edit points from the following options: Heat Transfer Advanced Manufacturing Mechanical Vibration and Measurement 24 Innovation Engineering Introduction to Innovation Dengineering choice Innovation choice of the following: Engineering Computations	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 7 Total 102cp	48530 48531 48540 CBK90620 CBK90612 48016 48026 MAJ0302 48080 48081 CBK9047 CBK90468 Select 12 of	Electromechanical Automation Signals and Systems) Thread choice 7 Electives Capstone Project Part A Capstone Project Part B 29 Innovation Engineering Introduction to Innovation Innovation Processes I Innovation choice B Engineering choice credit points from the following options: Capstone Project Capstone Project Part A	6cp 6cp 36cp 12cp 6cp Total 114cp 6cp 12cp 84cp 12cp 12cp 6cp
48650 48670 48660 48221 48006 Select 6 cr 48661 48663 48601 MAJ0302 48080 CBK90460 CBK90471 Select one 48221	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations Capstone Project edit points from the following options: Heat Transfer Advanced Manufacturing Mechanical Vibration and Measurement 24 Innovation Engineering Introduction to Innovation Dengineering choice Innovation choice of the following: Engineering Computations	6cp 6cp 6cp 6cp 6cp 6cp 6cp 70tal 102cp	48530 48531 48540 CBK90620 CBK90612 48016 48026 MAJ0302 48080 48081 CBK90477 CBK90460 Select 12 of 48012 48016 48026	Electromechanical Automation Signals and Systems Thread choice Electives Capstone Project Part A Capstone Project Part B 29 Innovation Engineering Introduction to Innovation Innovation Processes Innovation choice Engineering choice Credit points from the following options: Capstone Project Capstone Project Part A Capstone Project Part B	6cp 6cp 36cp 12cp 6cp 6cp Total 114cp 6cp 6cp 12cp 84cp 12cp 12cp 6cp 6cp
48650 48670 48660 48221 48006 Select 6 cr 48661 48663 48601 MAJ0302 48080 CBK90460 CBK90471 Select one 48221 48023	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations Capstone Project edit points from the following options: Heat Transfer Advanced Manufacturing Mechanical Vibration and Measurement 24 Innovation Engineering Introduction to Innovation D Engineering choice Innovation choice of the following: I Engineering Computations Programming Fundamentals	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 7 Total 102cp	48530 48531 48540 CBK90620 CBK90612 48016 48026 MAJ0302 48080 48081 CBK9047 CBK90460 Select 12 of 48012 48016 48026	Electromechanical Automation Signals and Systems Thread choice Electives Capstone Project Part A Capstone Project Part B 29 Innovation Engineering Introduction to Innovation Innovation Processes Innovation choice Engineering choice Credit points from the following options: Capstone Project Capstone Project Part A Capstone Project Part B	6cp 6cp 6cp 36cp 12cp 6cp Total 114cp 6cp 12cp 84cp 12cp 12cp 6cp 6cp focp
48650 48670 48660 48221 48006 Select 6 cr 48661 48663 48601 MAJ0302 48080 CBK90460 CBK90471 Select one 48221 48023	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations Capstone Project edit points from the following options: Heat Transfer Advanced Manufacturing Mechanical Vibration and Measurement 24 Innovation Engineering Introduction to Innovation D Engineering choice Innovation choice of the following: Engineering Computations Programming Fundamentals	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 7 Total 102cp	48530 48531 48540 CBK90620 CBK90612 48016 48026 MAJ0302 48080 48081 CBK90477 CBK90460 Select 12 of 48012 48016 48026	Electromechanical Automation Signals and Systems Thread choice Electives Capstone Project Part A Capstone Project Part B 29 Innovation Engineering Introduction to Innovation Innovation Processes Innovation choice Engineering choice Credit points from the following options: Capstone Project Capstone Project Part A Capstone Project Part B 30 Mechanical Engineering Introduction to Mechanical and Mechatronic	6cp 6cp 36cp 12cp 6cp 6cp Total 114cp 6cp 12cp 84cp 12cp 12cp 6cp 6cp 7otal 120cp
48650 48670 48660 48221 48006 Select 6 cr 48661 48663 48601 MAJ0302 48080 CBK90460 CBK90471 Select one 48221 48023	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations Capstone Project edit points from the following options: Heat Transfer Advanced Manufacturing Mechanical Vibration and Measurement 24 Innovation Engineering Introduction to Innovation D Engineering choice Innovation choice of the following: Engineering Computations Programming Fundamentals 25 Civil Engineering Introduction to Civil and Environmental	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 7otal 102cp 6cp 12cp 6cp 6cp	48530 48531 48540 CBK90620 CBK90612 48016 48026 MAJ0302 48080 48081 CBK9047 CBK90460 Select 12 of 48012 48016 48026	Electromechanical Automation Signals and Systems Thread choice Electives Capstone Project Part A Capstone Project Part B 29 Innovation Engineering Introduction to Innovation Innovation Processes Innovation choice Engineering choice Capstone Project Capstone Project Part A Capstone Project Part B 30 Mechanical Engineering Introduction to Mechanical and Mechatronic Engineering	6cp 6cp 6cp 36cp 12cp 6cp Total 114cp 6cp 12cp 84cp 12cp 6cp 6cp 7otal 120cp
48650 48670 48660 48221 48006 Select 6 cr 48661 48663 48601 MAJ0302 48080 CBK90460 CBK90471 Select one 48221 48023	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations Capstone Project edit points from the following options: Heat Transfer Advanced Manufacturing Mechanical Vibration and Measurement 24 Innovation Engineering Introduction to Innovation Dengineering choice Innovation choice of the following: Engineering Computations Programming Fundamentals 25 Civil Engineering Introduction to Civil and Environmental Engineering	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 102cp	48530 48531 48540 CBK90620 CBK90612 48016 48026 MAJ0302 48080 48081 CBK90477 CBK90468 Select 12 0 48012 48016 48026 MAJ0303 48610	Electromechanical Automation Signals and Systems Thread choice Electives Capstone Project Part A Capstone Project Part B 29 Innovation Engineering Introduction to Innovation Innovation Processes Innovation choice Engineering choice Credit points from the following options: Capstone Project Capstone Project Part A Capstone Project Part B 30 Mechanical Engineering Introduction to Mechanical and Mechatronic	6cp 6cp 36cp 12cp 6cp 6cp Total 114cp 6cp 12cp 84cp 12cp 12cp 6cp 6cp 7otal 120cp
48650 48670 48660 48221 48006 Select 6 cr 48661 48663 48601 MAJ0302 48080 CBK90460 CBK90471 Select one 48221 48023	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations Capstone Project edit points from the following options: Heat Transfer Advanced Manufacturing Mechanical Vibration and Measurement 24 Innovation Engineering Introduction to Innovation Dengineering choice Innovation choice of the following: Engineering Computations Programming Fundamentals 25 Civil Engineering Introduction to Civil and Environmental Engineering Engineering Mechanics	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 102cp	48530 48531 48540 CBK90620 CBK90612 48016 48026 MAJ0302 48080 48081 CBK9047 CBK90468 Select 12 of 48012 48016 48026 MAJ0303 48610 48621 48620 60101	Electromechanical Automation Signals and Systems) Thread choice 7 Electives Capstone Project Part A Capstone Project Part B 29 Innovation Engineering Introduction to Innovation Innovation Processes I Innovation choice Bengineering choice credit points from the following options: Capstone Project Capstone Project Part A Capstone Project Part B 30 Mechanical Engineering Introduction to Mechanical and Mechatronic Engineering Manufacturing Engineering Fundamentals of Mechanical Engineering Chemistry and Materials Science	6cp 6cp 36cp 12cp 6cp 6cp Total 114cp 6cp 12cp 84cp 12cp 12cp 6cp 6cp 7otal 120cp
48650 48670 48660 48221 48006 Select 6 cr 48661 48663 48601 MAJ0302 48080 CBK90460 CBK90471 Select one 48221 48023 MAJ0302 48310	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations Capstone Project edit points from the following options: Heat Transfer Advanced Manufacturing Mechanical Vibration and Measurement 24 Innovation Engineering Introduction to Innovation Dengineering choice Innovation choice of the following: Engineering Computations Programming Fundamentals 25 Civil Engineering Introduction to Civil and Environmental Engineering	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 102cp	48530 48531 48540 CBK90620 CBK90612 48016 48026 MAJ0302 48080 48081 CBK90466 Select 12 of 48012 48016 48026 MAJ0303 48610 48621 48620 60101 48331	Electromechanical Automation Signals and Systems) Thread choice 7 Electives Capstone Project Part A Capstone Project Part B 29 Innovation Engineering Introduction to Innovation Innovation Processes I Innovation choice 8 Engineering choice credit points from the following options: Capstone Project Capstone Project Part A Capstone Project Part B 30 Mechanical Engineering Introduction to Mechanical and Mechatronic Engineering Manufacturing Engineering Fundamentals of Mechanical Engineering Chemistry and Materials Science Mechanics of Solids	6cp 6cp 6cp 36cp 12cp 6cp Total 114cp 6cp 12cp 84cp 12cp 12cp 6cp 6cp 7otal 120cp
48650 48670 48660 48221 48006 Select 6 cr 48661 48663 48601 MAJ0302 48080 CBK90460 CBK90471 Select one 48221 48023 MAJ0302 48310 48321 60101 48331 48330	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations Capstone Project edit points from the following options: Heat Transfer Advanced Manufacturing Mechanical Vibration and Measurement 24 Innovation Engineering Introduction to Innovation Dengineering choice Innovation choice of the following: Engineering Computations Programming Fundamentals 25 Civil Engineering Introduction to Civil and Environmental Engineering Mechanics Chemistry and Materials Science Mechanics of Solids Soil Behaviour	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 70tal 102cp	48530 48531 48540 CBK90620 CBK90612 48016 48026 MAJ0302 48080 48081 CBK90460 Select 12 of 48012 48016 48026 MAJ0303 48610 48621 48621 48620 60101 48331 48641	Electromechanical Automation Signals and Systems Thread choice Electives Capstone Project Part A Capstone Project Part B 29 Innovation Engineering Introduction to Innovation Innovation Processes Innovation choice Engineering choice Capstone Project Capstone Project Capstone Project Capstone Project Part A Capstone Project Part B 30 Mechanical Engineering Introduction to Mechanical and Mechatronic Engineering Manufacturing Engineering Fundamentals of Mechanical Engineering Chemistry and Materials Science Mechanics of Solids Fluid Mechanics	6cp 6cp 6cp 36cp 12cp 6cp Total 114cp 6cp 12cp 84cp 12cp 12cp 6cp 6cp 7otal 120cp
48650 48670 48660 48221 48006 Select 6 cr 48661 48663 48601 MAJ0302 48080 CBK90460 CBK90471 Select one 48221 48023 MAJ0302 48310 48321 60101 48331 48330 48641	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations Capstone Project edit points from the following options: Heat Transfer Advanced Manufacturing Mechanical Vibration and Measurement 24 Innovation Engineering Introduction to Innovation Dengineering choice Innovation choice of the following: Engineering Computations Programming Fundamentals 25 Civil Engineering Introduction to Civil and Environmental Engineering Engineering Mechanics Chemistry and Materials Science Mechanics of Solids Soil Behaviour Fluid Mechanics	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 70tal 102cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp	48530 48531 48540 CBK90620 CBK90612 48016 48026 MAJ0302 48080 48081 CBK9047 CBK90468 Select 12 of 48012 48012 48016 48026 MAJ0303 48610 48621 48620 60101 48331 48641 48510	Electromechanical Automation Signals and Systems Thread choice Electives Capstone Project Part A Capstone Project Part B 29 Innovation Engineering Introduction to Innovation Innovation Processes Innovation choice Engineering choice Capstone Project Part A Capstone Project Part A Capstone Project Part A Capstone Project Part B 30 Mechanical Engineering Introduction to Mechanical and Mechatronic Engineering Manufacturing Engineering Fundamentals of Mechanical Engineering Chemistry and Materials Science Mechanics of Solids Fluid Mechanics Introduction to Electrical Engineering	6cp 6cp 6cp 36cp 12cp 6cp Total 114cp 6cp 12cp 84cp 12cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
48650 48670 48660 48221 48006 Select 6 cr 48661 48663 48601 MAJ0302 48080 CBK90460 CBK90471 Select one 48221 48023 MAJ0302 48310 48321 60101 48331 48330	Strength of Engineering Materials Mechanical Design 2 Mechanical and Mechatronic Design Dynamics and Control Engineering Computations Capstone Project edit points from the following options: Heat Transfer Advanced Manufacturing Mechanical Vibration and Measurement 24 Innovation Engineering Introduction to Innovation Dengineering choice Innovation choice of the following: Engineering Computations Programming Fundamentals 25 Civil Engineering Introduction to Civil and Environmental Engineering Mechanics Chemistry and Materials Science Mechanics of Solids Soil Behaviour	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 70tal 102cp 6cp 12cp 6cp 6cp 6cp 70tal 84cp	48530 48531 48540 CBK90620 CBK90612 48016 48026 MAJ0302 48080 48081 CBK90460 Select 12 of 48012 48016 48026 MAJ0303 48610 48621 48621 48620 60101 48331 48641	Electromechanical Automation Signals and Systems Thread choice Electives Capstone Project Part A Capstone Project Part B 29 Innovation Engineering Introduction to Innovation Innovation Processes Innovation choice Engineering choice Capstone Project Capstone Project Capstone Project Capstone Project Part A Capstone Project Part B 30 Mechanical Engineering Introduction to Mechanical and Mechatronic Engineering Manufacturing Engineering Fundamentals of Mechanical Engineering Chemistry and Materials Science Mechanics of Solids Fluid Mechanics	6cp 6cp 6cp 36cp 12cp 6cp Total 114cp 6cp 12cp 84cp 12cp 12cp 6cp 6cp 7otal 120cp

48600	Mechanical Design 1	6ср
48651	Thermodynamics	6cp
48642	Strength of Engineering Materials	6cp
48650	Mechanical Design 2	6cp
48670	Mechanical and Mechatronic Design	6cp
48660	Dynamics and Control	6ср
48221	Engineering Computations	6ср
48016	Capstone Project Part A	6ср
48026	Capstone Project Part B	6ср
Select 12	credit points from the following options:	12cp
48661	Heat Transfer	6ср
48663	Advanced Manufacturing	6ср
48601	Mechanical Vibration and Measurement	6ср
		Total 114cp

MAJ03134 Civil Engineering

48310	Introduction to Civil and Environmental	
	Engineering	6ср
48321	Engineering Mechanics	6ср
48320	Surveying	6ср
60101	Chemistry and Materials Science	6ср
48331	Mechanics of Solids	6ср
48330	Soil Behaviour	6ср
48641	Fluid Mechanics	6ср
48349	Structural Analysis	6ср
48340	Construction	6ср
48352	Construction Materials	6ср
48353	Concrete Design	6ср
48350	Environmental and Sanitation Engineering	6ср
48221	Engineering Computations	6ср
48210	Interrogating Technology: Sustainability,	
	Environment and Social Change	6ср
		Total 84cp

MAJ03139 Mechanical Engineering

48610	Introduction to Mechanical and Mechatronic	2
	Engineering	6ср
48621	Manufacturing Engineering	6ср
48620	Fundamentals of Mechanical Engineering	6ср
60101	Chemistry and Materials Science	6ср
48600	Mechanical Design 1	6ср
48331	Mechanics of Solids	6ср
48510	Introduction to Electrical Engineering	6ср
48641	Fluid Mechanics	6ср
48640	Machine Dynamics	6ср
48642	Strength of Engineering Materials	6ср
48651	Thermodynamics	6ср
48660	Dynamics and Control	6ср
48650	Mechanical Design 2	6ср
48221	Engineering Computations	6ср
		Total 84cp

MAJ03372 Water Engineering

One of today's most prominent challenges, both on a global and a local scale, is the scarcity of water. The dwindling supply of water is being caused by factors such as population growth, climate change, poor investment in infrastructure, and management problems. Water engineers are looking for solutions to this water crisis as well as working on other important issues such as protecting ecosystems, and improving rural and urban environments.

Water engineers and managers now require a much broader understanding of water issues. The purpose of the Water Engineering major is to provide engineers and scientists with expert up-to-date knowledge in the fields of water resources management, hydraulics, and hydrology in both urban and rural environments. The program is intended to enable students to update their expertise, to appreciate the environmental implications of water schemes, and to develop management skills.

There has been a major shortage of water engineers both in Australia and abroad over the last decade so employment opportunities are vast. There are jobs available in local councils, state and federal government, non-government organisations, small and large consultancies as well as large multinational firms.

This major is mostly suited to applicants who have an undergraduate degree in civil engineering, however applicants with a background in other fields of engineering and/or applied science may also apply.

Note: the listing of this major on your academic transcript requires completion of three engineering management subjects in addition to the technical subjects.

Completion requirements

CBK90331 CBK90230	Subject choice (Group A)		18cp 6cp
	redit points from the following options:		24cp
49107	Urban Stormwater Design	6ср	-1
49126	Environmental Management of Land	6cp	
49285	Emergency Management	6ср	
49109	Engineered Natural Water Treatment	•	
	Systems	6ср	
49116	Contaminated Site and Waste Remediation	6cp	
49255	Catchment Modelling	6cp	
49117	Floodplain Risk Management in NSW	6cp	
49122	Ecology and Sustainability	6ср	
49256	Flood Estimation	6cp	
		Total	48cp

MAJ03375 Local Government Engineering

The Local Government Engineering major has been designed, for the most part, for engineers, technical staff and managers who work for water boards, roads authorities, in local government or for consultancies providing services to local government.

Depending on options chosen, the course contents may include elements of NSW local government legislation, local road design, asset maintenance management and planning for the environment.

This major is only suitable for domestic students, as it contains content that is heavily focused on specific elements of NSW legislation and planning guidelines.

Note: the listing of this major on your academic transcript requires completion of three engineering management subjects in addition to the technical subjects. Students not wishing to complete any management subjects should consider the combined major in Local Government Engineering and Environmental Engineering.

Completion requirements

CBK90331	Subject choice (Group A)		18cp
CBK90230	Elective		6ср
Select 24 ca	redit points from the following options:		24cp
49102	Traffic and Transportation	6ср	-
49258	Pavement Analysis and Design	6ср	
49106	Road Engineering Practice	6ср	
49107	Urban Stormwater Design	6ср	
49108	Local Government Powers and Practice	6ср	
49121	Environmental Assessment and Planning	6ср	
49126	Environmental Management of Land	6ср	
		Total	48cp

MAJ03378 Structural Engineering

The Structural Engineering major offers a unique balance of analysis and design subjects focusing on large structures such as high rise buildings, large bridges, major industrial developments and tunnels.

It is most suitable for those with a civil engineering background who would like to work on large structures. Completing this major makes you employable by structural consulting firms and other large developers.

Awarding of this major on an academic transcript also requires the completion of a graduate project in this broad discipline area.

•	•		
CBK90331	Subject choice (Group A)		18cp
CBK90230	Elective		6ср
Select 24 ca	redit points from the following options:		24cp
49047	Finite Element Analysis	6ср	-
49131	Bridge Design	6cp	
49134	Structural Dynamics and Earthquake	•	
	Engineering	6ср	
49136	Application of Timber in Engineering	•	
	Structures	6ср	
49150	Prestressed Concrete Design	6cp	
49002	Managing Projects	6cp	
49115	Facade Engineering	6cp	
49254	Advanced Soil Mechanics and Foundation	-	
	Design	6ср	
49118	Applied Geotechnics	6cp	
49119	Problematic Soils and Ground	-	
	Improvement Techniques	6ср	
49135	Wind Engineering	6ср	
49143	Civil Engineering Review 1	6ср	
49151	Concrete Technology and Practice	6ср	
		Tota	l 48cp

MAJ03379 Software Engineering

In the modern world, software engineers play important roles in many facets of society, from the medical arena to the gaming world. Software engineering skills are very portable, so your qualifications can take you around the world. Currently there is a global shortage of software engineers with system design capabilities.

The Software Engineering major teaches you about software analysis and design, software architecture and web technologies. It is suitable for engineers with a background in ICT, however those from other fields of engineering can use this major as a stepping stone into ICT.

Note: the listing of this major on your academic transcript requires completion of three engineering management subjects in addition to the technical subjects.

Completion requirements

49002	Managing Projects		6ср
CBK90331	Subject choice (Group A)		18cp
Select 24 ca	redit points from the following options:		24cp
49263	Software Analysis and Design	6ср	•
49262	Web Technologies	6ср	
32603	Systems Quality Management	6ср	
32555	Fundamentals of Software Development	6ср	
49227	Wireless Sensor Networks	6ср	
		Total	48cp

MAJ03380 Energy Planning and Policy

Most countries in the world, both developed and developing, view energy issues as a high priority. Concerns about global warming, sustainability issues, etc., reinforce the significance and immediacy of energy issues.

Effective planning and policy initiatives are required to identify energy systems that are technically, economically, environmentally and socially feasible and responsible in their approach to the energy needs of society.

The Energy Planning and Policy major contributes to the training and professional development of people working or preparing to work in energy utilities, energy companies, environmental organisations, government departments, consulting groups and other national and international organisations dealing in energy and environmental matters, both in developed and developing countries.

Completion requirements

49021	Evaluation of Infrastructure Investments		6ср
49024	Energy Modelling		6ср
49706	Regulatory Economics		6ср
49026	Electricity Sector Planning and Restructurin	g	6ср
Select 24	4 credit points from the following options:	O	24cp
49025	Methods for Energy Analysis	6ср	-
49027	Energy Demand Analysis and Forecasting	6ср	
49028	Policy and Planning of Energy	_	
	Conservation	6ср	
49029	Environmental Policy for Energy Systems	6ср	
49022	Energy Resources and Technology	6ср	
49023	Energy and Environmental Economics	6ср	
49701	Gas Sector Planning	6ср	
49702	Gas Distribution Technology and		
	Management	6ср	
49703	Selected Topics (Energy Pricing)	6ср	
		Total	148cn

MAJ03382 Telecommunications Engineering

Telecommunications is an integral part of modern society. This major allows recent graduates and people already in the workforce to deepen and/or broaden skills and knowledge in various areas with telecommunication engineering. In particular, there is a strong emphasis on wireless forms of communication engineering, including satellite and cellular mobiles. Candidates must have completed previous undergraduate studies in telecommunications to gain entry to this major, as it requires a solid understanding of signal theory, signals and systems, modulation and coding, as well as propagation. For candidates who want to move into the telecommunications area and do not meet the above criteria, there is another major called telecommunication networks that may be suitable for your needs.

Note: the listing of this major on your academic transcript requires completion of three engineering management subjects in addition to the technical subjects.

Completion requirements

49205	Transmission Systems		6ср
49215	Telecommunications Industry Management		6cp
CBK90331	Subject choice (Group A)		18cp
CBK90230	Elective		6ср
Select 12 ca	redit points from the following options:		12cp
49201	Integrated Services Networks	6ср	_
49048	Wireless Networking Technologies	6ср	
49099	GSM, GPRS and EDGE Technologies	6ср	
49203	Telecommunications Signal Processing	6ср	
49223	Satellite Communication Systems	6ср	
49249	Telecommunications Engineering Review	6ср	
49110	3G Mobile Communication Systems	6ср	
	•	Total	48cp

MAJ03385 Telecommunication Networks

Telecommunications is an integral part of modern society. This major allows recent graduates and people already in the workforce to deepen and/or broaden skills and knowledge in various areas with telecommunication engineering. It also allows candidates who do not have a telecommunication background to move into this growing area. There is an emphasis on the network, transport and application layers and the ability to analyse, design and manage massive scale and non-homogeneous complex inter-networks which simultaneously service the diverse needs of multiple classes of traffic.

Note: the listing of this major on your academic transcript requires completion of three engineering management subjects in addition to the technical subjects.

Completion requirements

Completio	n regan ements		
49202	Communication Protocols		6ср
49238	Telecommunication Networks Management		6ср
CBK90331	Subject choice (Group A)		18cp
CBK90230	Elective		6ср
Select 12 cr	redit points from the following options:		12cp
49201	Integrated Services Networks	6ср	-
49215	Telecommunications Industry	•	
	Management	6ср	
49249	Telecommunications Engineering Review	6ср	
49048	Wireless Networking Technologies	6ср	
49262	Web Technologies	6ср	
49203	Telecommunications Signal Processing	6ср	
49110	3G Mobile Communication Systems	6ср	
32001	Mobile Commerce Technologies	6ср	
32118	Mobile Communications and Computing	6ср	
42902	Interior Routing and High Availability	6ср	
42903	Multi Protocol Label Switching	6ср	
32555	Fundamentals of Software Development	6ср	
32570	Enterprise Software Architecture and		
	Middleware	6ср	
		Total	l 48cp

MAJ03412 Civil and Environmental Engineering

48310	Introduction to Civil and Environmental	
	Engineering	6ср
48320	Surveying	6ср
48321	Engineering Mechanics	6ср
48340	Construction	6ср
48331	Mechanics of Solids	6ср
48840	Water Supply and Wastewater Engineering	6ср
48641	Fluid Mechanics	6ср
48330	Soil Behaviour	6ср
48352	Construction Materials	6ср
48850	Environmental Planning and Law	6ср
48821	Ecological Engineering	6ср
65111	Chemistry 1	6ср
48221	Engineering Computations	6ср
48210	Interrogating Technology: Sustainability,	_
	Environment and Social Change	6ср
	_	Total 84cp

MAJ03413 Electrical Engineering

48510	Introduction to Electrical Engineering	6ср
48441	Introductory Digital Systems	6ср
48521	Fundamentals of Electrical Engineering	6ср
48520	Electronics and Circuits	6ср
48430	Embedded C	6ср
48531	Electromechanical Automation	6ср
48530	Circuit Analysis	6cn

68038	Advanced Mathematics and Physics	6ср
48540	Signals and Systems	6ср
48572	Power Circuit Theory	6ср
48451	Advanced Digital Systems	6ср
48570	Data Acquisition and Distribution	6ср
48571	Electrical Machines	6ср
48560	Introductory Control	6ср
	•	Total 84cp

MAJ03414 Aerospace Engineering

	. 5 5	
48610	Introduction to Mechanical and Mechatronic	
	Engineering	6ср
48271	Aerospace Operations: Overview of the Aviati	on
	Industry	6ср
48620	Fundamentals of Mechanical Engineering	6ср
60101	Chemistry and Materials Science	6cp
48272	Airline Operations	6cp
48273	Managing Aerospace Processes	6ср
48641	Fluid Mechanics	6ср
48640	Machine Dynamics	6ср
48510	Introduction to Electrical Engineering	6ср
48651	Thermodynamics	6ср
48260	Engineering Project Management	6ср
48274	Aerospace Design Processes	6ср
48221	Engineering Computations	6ср
		Total 78cp

MAJ03415 Manufacturing Engineering and Management

The Manufacturing Engineering and Management major allows students to upgrade skills and knowledge gained from an undergraduate mechanical/manufacturing engineering degree to advanced areas of mechanical engineering as well as manufacturing engineering and management.

Students can choose from a diverse range of subjects covering a number of different aspects, including:

- operation of factories including material handling, airconditioning, project management, air and noise pollution
- advanced design and analysis of manufacturing processes including CAD/CAM, optimal design and decision-making, flow modelling, vibration analysis, internal combustion engines, turbine machines, and
- quality and operations management systems, IT and innovation management in manufacturing.

This major is widely recognised and aims to educate technical specialists and managers of tomorrow in manufacturing technologies and management, and prepare them for the challenging demands of leadership roles in manufacturing and management in a global economy.

Note: the listing of this major on your academic transcript requires completion of three engineering management subjects in addition to the technical subjects.

Completion requirements

CBK90331	Subject choice (Group A)		18cp
CBK90230) Elective		6ср
Select 24 c	redit points from the following options:		24cp
49002	Managing Projects	6ср	-
49307	Internal Combustion Engines	6ср	
49312	Advanced Flow Modelling	6ср	
49316	Materials Handling	6ср	
49321	Energy Conversion	6ср	
49322	Airconditioning	6ср	
49325	Computer-aided Mechanical Design	6ср	
49328	Turbomachines	6ср	
49049	Air and Noise Pollution	6ср	
49928	Design Optimisation for Manufacturing	6ср	
49330	Sensors and Signal Processing	6ср	
49329	Control of Mechatronic Systems	6ср	
	ř	Tota	l 48cp

MAJ03416 Environmental Engineering

Environmental Engineering at postgraduate level is offered at UTS either as a specialist course or as a major in the Master of Engineering. The content is designed to enable engineers, scientists and technical specialists to provide solutions and to develop management skills to deal with environmental problems. This includes, but is not limited to, environmental issues dealing with land, air and water.

Awarding of this major on an academic transcript also requires the completion of a graduate project in this broad discipline area.

Completion requirements

Select 24 credit points from the following options:			24cp
49121	Environmental Assessment and Planning	6ср	_
49122	Ecology and Sustainability	6ср	
49123	Waste and Pollution Management	6ср	
49125	Environmental Risk Assessment	6ср	
49126	Environmental Management of Land	6ср	
49127	On-site Water and Wastewater Treatment	6ср	
49049	Air and Noise Pollution	6ср	
49109	Engineered Natural Water Treatment	_	
	Systems	6ср	
49257	Geographic Information Systems	6ср	
49116	Contaminated Site and Waste Remediation	6ср	
		Tota	1 24cp

MAJ03420 Computer Control Engineering

Computer control engineering involves the use of computers to control real-time applications in areas such as instrumentation automation for manufacturing, biomedical and power applications. Computer control engineers combine control, electronics, software and computer systems to design innovative solutions for industry.

The Computer Control Engineering major offers subjects which teach you about the brains behind machines, how to design systems for computer or biomedical applications, the design of artificial intelligence and more.

The knowledge you gain prepares you for work in many industries involving instrumentation and control, electronics, biomedical engineering and power systems. Background knowledge in electrical engineering and computer systems will prepare you for this course, however it is not a requisite.

Completion requirements

CBK90230	Elective		6ср
CBK90354	Major core subject choice		6ср
Select 12 c	redit points from the following options:		12cp
49048	Wireless Networking Technologies	6ср	-
49261	Biomedical Instrumentation	6ср	
49262	Web Technologies	6ср	
49263	Software Analysis and Design	6ср	
49274	Advanced Robotics	6ср	
49275	Neural Networks and Fuzzy Logic	6ср	
32603	Systems Quality Management	6ср	
32555	Fundamentals of Software Development	6ср	
49329	Control of Mechatronic Systems	6ср	
49330	Sensors and Signal Processing	6ср	
		Total	24cp

MAJ03421 Energy Planning and Policy

Most countries in the world, both developed and developing, view energy issues as a high priority. Concerns about global warming, sustainability issues and the like reinforce the significance and immediacy of energy issues.

Effective planning and policy initiatives are required to identify energy systems that are technically, economically, environmentally and socially feasible and responsible in their approach to the energy needs of society.

The Energy Planning and Policy major contributes to the training and professional development of people working or preparing to work in energy utilities, energy companies, environmental organisations, government departments, consulting groups and other national and international organisations dealing in energy and environmental matters, both in developed and developing countries.

Completion requirements

Select one of	the following:	6ср
49021	Evaluation of Infrastructure	•
	Investments	6ср
49024	Energy Modelling	6cp
CBK90355 N	lajor core subject choice	18cp
	,	Total 24cp

MAJ03422 Local Government Engineering

The Local Government Engineering major has been designed, for the most part, for engineers, technical staff and managers who work for water boards, roads authorities, in local government or for consultancies providing services to local government.

Depending on options chosen, the contents may include elements of NSW local government legislation, local road design, asset maintenance management and planning for the environment.

This major is only suitable for domestic students as it contains content that is heavily focused on specific elements of NSW legislation and planning guidelines.

Completion requirements

CBK90230	Elective	6ср
Select 18 c	redit points from the following options:	18cp
49102	Traffic and Transportation	6ср
49258	Pavement Analysis and Design	6ср
49106	Road Engineering Practice	6ср
49107	Urban Stormwater Design	6ср
49108	Local Government Powers and Practice	6ср
49121	Environmental Assessment and Planning	6ср
49126	Environmental Management of Land	6ср
	G	Total 24cp

MAJ03424 Manufacturing Engineering and Management

The Manufacturing Engineering and Management major allows students to upgrade skills and knowledge gained from an undergraduate mechanical/manufacturing engineering degree to advanced areas of mechanical engineering as well as manufacturing engineering and management.

Students can choose from a diverse range of subjects covering a number of different aspects, including:

- operation of factories including material handling, airconditioning, project management, air and noise pollution
- advanced design and analysis of manufacturing processes including CAD/CAM, optimal design and decision-making, flow modelling, vibration analysis, internal combustion engines, turbine machines, and
- quality and operations management systems, IT and innovation management in manufacturing.

This major is widely recognised and aims to educate technical specialists and managers of tomorrow in manufacturing technologies and management, and prepare them for the challenging demands of leadership roles in manufacturing and management in a global economy.

Completion requirements

CBK90230	Elective	6ср
Select 18 c	redit points from the following options:	18cp
49002	Managing Projects	6ср
49307	Internal Combustion Engines	6ср
49312	Advanced Flow Modelling	6ср
49316	Materials Handling	6ср
49321	Energy Conversion	6ср
49322	Airconditioning	6ср
49325	Computer-aided Mechanical Design	6ср
49328	Turbomachines	6ср
49049	Air and Noise Pollution	6ср
49928	Design Optimisation for Manufacturing	6ср
49330	Sensors and Signal Processing	6ср
49329	Control of Mechatronic Systems	6ср
		Total 24cp

MAJ03425 Software Engineering

In the modern world, software engineers play important roles in many facets of society, from the medical arena to the gaming world. Software engineering skills are very portable, so your qualifications can take you around the world. Currently there is a global shortage of software engineers with system design capabilities.

The Software Engineering major teaches you about software analysis and design, software architecture and web technologies. It is suitable for engineers with a background in ICT, however those from other fields of engineering can use this major as a stepping stone into ICT.

Completion requirements

Select one	of the following:		6ср
49001	Judgment and Decision Making	6ср	-
49013	Managing Information Technology in	-	
	Engineering	6ср	
49016	Technology and Innovation	_	
	Management	6ср	
49306	Quality and Operations Management	_	
	Systems	6ср	
32555	Fundamentals of Software Development	•	6ср

Select 12	credit points from the following options:	12cp
49002	Managing Projects	6ср
49263	Software Analysis and Design	6ср
49262	Web Technologies	6ср
32603	Systems Quality Management	6ср
	, , , ,	Total 24cn

MAJ03426 Structural Engineering

The Structural Engineering major offers a unique balance of analysis and design subjects focusing on large structures such as high rise buildings, large bridges, major industrial developments and tunnels.

It is most suitable for those with a civil engineering background who would like to work on large structures. Completing this major makes you employable by structural consulting firms and other large developers.

Awarding of this major on an academic transcript also requires the completion of a graduate project in this broad discipline area.

Completion requirements

CBK90230	Elective		6ср
Select 18 cr	redit points from the following options:		18cp
49047	Finite Element Analysis	6ср	_
49131	Bridge Design	6ср	
49134	Structural Dynamics and Earthquake	-	
	Engineering	6ср	
49136	Application of Timber in Engineering	-	
	Structures	6ср	
49150	Prestressed Concrete Design	6ср	
49002	Managing Projects	6ср	
49115	Facade Engineering	6ср	
49118	Applied Geotechnics	6ср	
49254	Advanced Soil Mechanics and Foundation	-	
	Design	6ср	
49119	Problematic Soils and Ground	-	
	Improvement Techniques	6ср	
49135	Wind Engineering	6ср	
49143	Civil Engineering Review 1	6ср	
49151	Concrete Technology and Practice	6ср	
	<u>.</u>	Total	24cp

MAJ03427 Telecommunication Networks

Telecommunications is an integral part of modern society. This major allows recent graduates and people already in the workforce to deepen and/or broaden skills and knowledge in various areas with telecommunication engineering. It also allows candidates who do not have a telecommunication background to move into this growing area. There is an emphasis on the network, transport and application layers and the ability to analyse, design and manage massive scale and non-homogeneous complex inter-networks which simultaneously service the diverse needs of multiple classes of traffic.

Completion requirements

Select one	of the following:		6ср
49202	Communication Protocols	6ср	-
49238	Telecommunication Networks	-	
	Management	6ср	
CBK90356	Major core subject choice	-	6ср
CBK90230	Elective		6ср
CBK90357	Major subject choice		6ср
		Total 2	4cp

MAJ03428 Telecommunications Engineering

Telecommunications is an integral part of modern society. This major allows recent graduates and people already in the workforce to deepen and/or broaden skills and knowledge in various areas with telecommunication engineering. In particular, there is a strong emphasis on wireless forms of communication engineering, including satellite and cellular mobiles. Candidates must have completed previous undergraduate studies in telecommunications to gain entry to this major, as it requires a solid understanding of signal theory, signals and systems, modulation and coding, as well as propagation. For candidates who want to move into the telecommunications area and do not meet the above criteria, there is another major called Telecommunication Networks that may be suitable for your needs.

Completion requirements

Select one of the following:		
49215	Telecommunications Industry	•
	Management	6ср
49205	Transmission Systems	6ср
CBK90230	Elective	6ср
CBK90358	Major subject choice	12cp
		Total 24cp

MAJ03429 Water Engineering

One of today's most prominent challenges, both on a global and a local scale, is the scarcity of water. The dwindling supply of water is being caused by factors such as population growth, climate change, poor investment in infrastructure, and management problems. Water engineers are looking for solutions to this water crisis as well as working on other important issues such as protecting ecosystems, and improving rural and urban environments.

Water engineers and managers now require a much broader understanding of water issues. The purpose of this major is to provide engineers and scientists with expert, up-to-date knowledge in the fields of water resources management, hydraulics, and hydrology in both urban and rural environments. It is intended to enable students to update their expertise, to appreciate the environmental implications of water schemes, and to develop management skills.

There has been a major shortage of water engineers both in Australia and abroad over the last decade so employment opportunities are vast. There are jobs available in local councils, state and federal government, non-government organisations, small and large consultancies as well as large multinational firms.

This major is mostly suited to applicants who have an undergraduate degree in civil engineering, however applicants with a background in other fields of engineering and/or applied science may also apply. This major may not be offered on a full-time basis every semester.

Completion requirements

CBK90230	Elective	6ср
Select 18 c	redit points from the following options:	18cp
49107	Urban Stormwater Design	6ср
49126	Environmental Management of Land	6ср
49285	Emergency Management	6ср
49109	Engineered Natural Water Treatment	*
	Systems	6ср
49116	Contaminated Site and Waste Remediation	6ср
49122	Ecology and Sustainability	6ср
49255	Catchment Modelling	6ср
49256	Flood Estimation	6ср
49117	Floodplain Risk Management in NSW	6ср
	•	Total 24cp

MAJ03430 Computer Control Engineering

Computer control engineering involves the use of computers to control real-time applications in areas such as instrumentation automation for manufacturing, biomedical and power applications. Computer control engineers combine control, electronics, software and computer systems to design innovative solutions for industry.

The Computer Control Engineering major offers subjects which teach you about the brains behind machines, how to design systems for computer or biomedical applications, the design of artificial intelligence, and more.

The knowledge you gain prepares you for work in many industries involving instrumentation and control, electronics, biomedical engineering and power systems. Background knowledge in Electrical Engineering and Computer Systems will prepare you for this course, however it is not a requisite.

Note: the listing of this major on your academic transcript requires completion of three engineering management subjects in addition to the technical subjects.

Completion requirements

CBK90331 Subject choice (Group A)	18cp
CBK90230 Elective	6cp
CBK90478 Computer Control choice	12cp
CBK90531 Computer Systems choice	12cp
- ,	Total 48cp

MAJ03431 Telecommunications Engineering and Telecommunication Networks

This major allows students who have a solid background in telecommunications to deepen technical skills and knowledge. It is effectively a superset of the Telecommunication Engineering major and the Telecommunication Networks major, without the requirement to complete any broadening or engineering management subjects. This major is suitable for students who want to go on to highly technical careers in the telecommunication industry, or in research and development.

Completion requirements

49202	Communication Protocols		6ср
49238	Telecommunication Networks Management		6ср
49215	Telecommunications Industry Management		6ср
49205	Transmission Systems		6ср
Select 24 c	redit points from the following options:		24cp
49201	Integrated Services Networks	6ср	_
49203	Telecommunications Signal Processing	6ср	
49048	Wireless Networking Technologies	6ср	
49099	GSM, GPRS and EDGE Technologies	6ср	
49223	Satellite Communication Systems	6ср	
49262	Web Technologies	6ср	
49110	3G Mobile Communication Systems	6ср	
42902	Interior Routing and High Availability	6ср	
42903	Multi Protocol Label Switching	6ср	
32555	Fundamentals of Software Development	6ср	
32570	Enterprise Software Architecture and		
	Middleware	6ср	
		Total	48cp

MAJ03432 Software Engineering

In the modern world, software engineers play important roles in many facets of society, from the medical arena to the gaming world. Software engineering skills are very portable, so your qualifications can take you around the world. Currently there is a global shortage of software engineers with system design capabilities.

The Software Engineering major teaches you about software analysis and design, software architecture and web technologies. It is suitable for engineers with a background in ICT, however those from other fields of engineering can use this major as a stepping stone into ICT.

Awarding of this major on an academic transcript also requires the completion of a graduate project in this broad discipline area.

Completion requirements

Select 24	credit points from the following options:	24cp
49262	Web Technologies	6ср
49263	Software Analysis and Design	6ср
32603	Systems Quality Management	6ср
32555	Fundamentals of Software Development	6ср
49227	Wireless Sensor Networks	6ср
		Total 24cp

MAJ03433 Structural Engineering

The Structural Engineering major offers a unique balance of analysis and design subjects focusing on large structures such as high rise buildings, large bridges, major industrial developments and tunnels.

It is most suitable for those with a civil engineering background who would like to work on large structures. Completing this major makes you employable by structural consulting firms and other large developers.

Awarding of this major on an academic transcript also requires the completion of a graduate project in this broad discipline area.

Select 24 c	redit points from the following options:		24cp
49047	Finite Element Analysis	6ср	1
49131	Bridge Design	6ср	
49134	Structural Dynamics and Earthquake	•	
	Engineering	6ср	
49136	Application of Timber in Engineering	-	
	Structures	6ср	
49150	Prestressed Concrete Design	6cp	
49002	Managing Projects	6ср	
49115	Facade Engineering	6ср	
49119	Problematic Soils and Ground	_	
	Improvement Techniques	6ср	

49254	Advanced Soil Mechanics and Foundat	ion
	Design	6ср
49118	Applied Geotechnics	6ср
49135	Wind Engineering	6ср
49143	Civil Engineering Review 1	6ср
49151	Concrete Technology and Practice	6ср
		Total 24cp

MAJ03434 Telecommunication Networks

Telecommunications is an integral part of modern society. This major allows recent graduates and people already in the workforce to deepen and/or broaden skills and knowledge in various areas with telecommunication engineering. It also allows candidates who do not have a telecommunication background to move into this growing area. There is an emphasis on the network, transport and application layers and the ability to analyse, design and manage massive scale and non-homogeneous complex inter-networks which simultaneously service the diverse needs of multiple classes of traffic.

Awarding of this major on an academic transcript also requires the completion of a graduate project in this broad discipline area.

Completion requirements

,	•		
49202	Communication Protocols		6ср
49238	Telecommunication Networks Management		6ср
Select 12 cr	redit points from the following options:		12cp
49201	Integrated Services Networks	6ср	_
49215	Telecommunications Industry	•	
	Management	6ср	
49249	Telecommunications Engineering Review	6ср	
49048	Wireless Networking Technologies	6ср	
49262	Web Technologies	6ср	
49203	Telecommunications Signal Processing	6ср	
49110	3G Mobile Communication Systems	6ср	
32001	Mobile Commerce Technologies	6ср	
32118	Mobile Communications and Computing	6ср	
42902	Interior Routing and High Availability	6ср	
42903	Multi Protocol Label Switching	6ср	
32555	Fundamentals of Software Development	6ср	
32570	Enterprise Software Architecture and	_	
	Middleware	6ср	
		Total	l 24cp

MAJ03435 Telecommunications Engineering

Telecommunications is an integral part of modern society. This major allows recent graduates and people already in the workforce to deepen and/or broaden skills and knowledge in various areas with telecommunication engineering. In particular, there is a strong emphasis on wireless forms of communication engineering, including satellite and cellular mobiles. Candidates must have completed previous undergraduate studies in telecommunications to gain entry to this major, as it requires a solid understanding of signal theory, signals and systems, modulation and coding, as well as propagation. For candidates who want to move into the telecommunications area and do not meet the above criteria, there is another major called Telecommunication Networks that may be suitable for your needs.

Awarding of this major on an academic transcript also requires the completion of a graduate project in this broad discipline area.

Completion requirements

49205	Transmission Systems		6ср
49215	Telecommunications Industry Management		6ср
Select 12 c	redit points from the following options:		12cp
49201	Integrated Services Networks	6ср	_
49048	Wireless Networking Technologies	6ср	
49099	GSM, GPRS and EDGE Technologies	6ср	
49203	Telecommunications Signal Processing	6ср	
49223	Satellite Communication Systems	6ср	
49249	Telecommunications Engineering Review	6ср	
49110	3G Mobile Communication Systems	6ср	
	·	Total	24cp

MAJ03436 Water Engineering

One of today's most prominent challenges, both on a global and a local scale is the scarcity of water. The dwindling supply of water is being caused by factors such as population growth, climate change, poor investment in infrastructure, and management problems. Water engineers are looking for solutions to this water crisis as well as working on other important issues such as protecting eco-systems, and improving rural and urban environments.

Water engineers and managers now require a much broader understanding of water issues. The purpose of the Water Engineering major is to provide engineers and scientists with expert up-to-date knowledge in the fields of water resources management, hydraulics, and hydrology in both urban and rural environments. It is intended to enable students to update their expertise, to appreciate the environmental implications of water schemes, and to develop management skills.

There has been a major shortage of water engineers both in Australia and abroad over the last decade so employment opportunities are vast. There are jobs available in local councils, state and federal government, non-government organisations, small and large consultancies as well as large multinational firms.

This major is mostly suited to applicants who have an undergraduate degree in civil engineering, however applicants with a background in other fields of engineering and/or applied science may also apply. Awarding of this major on an academic transcript also requires the

completion of a graduate project in this broad discipline area.

Completion requirements

	1	
Select 24 c	redit points from the following options:	24cp
49107	Urban Stormwater Design	6ср
49126	Environmental Management of Land	6ср
49285	Emergency Management	6ср
49109	Engineered Natural Water Treatment	-
	Systems	6ср
49116	Contaminated Site and Waste Remediation	6ср
49255	Catchment Modelling	6ср
49256	Flood Estimation	6ср
		Total 24cp

MAJ03437 Telecommunications Engineering and Telecommunication Networks

49202	Communication Protocols		6ср
49238	Telecommunication Networks Management		6cp
49215	Telecommunications Industry Management		6cp
49205	Transmission Systems		6ср
Select 18 c	redit points from the following options:		18cp
49201	Integrated Services Networks	6ср	_
49203	Telecommunications Signal Processing	6ср	
49211	Software Engineering Foundation	6ср	
49048	Wireless Networking Technologies	6ср	
49099	GSM, GPRS and EDGE Technologies	6ср	
49249	Telecommunications Engineering Review	6ср	
49126	Environmental Management of Land	6ср	
	-	Total	42cp

MAJ03438 Computer Control Engineering

Computer control engineering involves the use of computers to control real-time applications in areas such as instrumentation automation for manufacturing, biomedical and power applications. Computer control engineers combine control, electronics, software and computer systems to design innovative solutions for industry.

The Computer Control Engineering major offers subjects which teach you about the brains behind machines, how to design systems for computer or biomedical applications, the design of artificial intelligence and more.

The knowledge you gain prepares you for work in many industries involving instrumentation and control, electronics, biomedical engineering and power systems. Background knowledge in electrical engineering and computer systems will prepare you for this major, however it is not a requisite.

Awarding of this major on an academic transcript also requires the completion of a graduate project in this broad discipline area.

Completion requirements

CBK90478 Computer Control choice	12cp
CBK90531 Computer Systems choice	12cp
1	Total 24cp

MAJ03439 Energy Planning and Policy

Most countries in the world, both developed and developing, view energy issues as a high priority. Concerns about global warming, sustainability issues and the like reinforce the significance and immediacy of energy issues.

Effective planning and policy initiatives are required to identify energy systems that are technically, economically, environmentally and socially feasible and responsible in their approach to the energy needs of society. The Energy Planning and Policy major contributes to the training and professional development of people working or preparing to work in energy utilities, energy companies, environmental organisations, government departments, consulting groups and other national and international organisations dealing in energy and environmental matters, both in developed and developing countries.

Awarding of this major on an academic transcript also requires the completion of a graduate project in this broad discipline area.

Completion requirements

49021	Evaluation of Infrastructure Investments	6ср
49024	Energy Modelling	6ср
49706	Regulatory Economics	6ср
49026	Electricity Sector Planning and Restructuring	6ср
		Total 24cp

MAJ03440 Local Government Engineering

The Local Government Engineering major has been designed, for the most part, for engineers, technical staff and managers who work for water boards, roads authorities, in Local Government or for consultancies providing services to Local Government.

Depending on options chosen, the contents may include elements of NSW Local Government legislation, local road design, asset maintenance management and planning for the environment.

This major is only suitable for domestic students, as it contains content that is heavily focused on specific elements of NSW legislation and planning guidelines.

Awarding of this major on an academic transcript also requires the completion of a graduate project in this broad discipline area.

Completion requirements

Select 24 ca	redit points from the following options:		24cp
49102	Traffic and Transportation	6ср	-
49105	Water Supply and Wastewater	•	
	Management	6ср	
49106	Road Engineering Practice	6ср	
49107	Urban Stormwater Design	6ср	
49108	Local Government Powers and Practice	6ср	
49121	Environmental Assessment and Planning	6ср	
49126	Environmental Management of Land	6ср	
	_	Total	l 24cp

MAJ03442 Manufacturing Engineering and Management

The Manufacturing Engineering and Management major allows students to upgrade skills and knowledge gained from an undergraduate mechanical/manufacturing engineering degree to advanced areas of mechanical engineering as well as manufacturing engineering and management.

Students can choose from a diverse range of subjects covering a number of different aspects, including:

- operation of factories including material handling, airconditioning, project management, air and noise pollution
- advanced design and analysis of manufacturing processes including CAD/CAM, optimal design and decision-making, flow modelling, vibration analysis, internal combustion engines, turbine machines, and
- quality and operations management systems, IT and innovation management in manufacturing.

This major is widely recognised and aims to educate technical specialists and managers of tomorrow in manufacturing technologies and management, and prepare them for the challenging demands of leadership roles in manufacturing and management in a global economy.

Completion requirements

Select 24 c	redit points from the following options:		24cp
49002	Managing Projects	6ср	-
49307	Internal Combustion Engines	6ср	
49312	Advanced Flow Modelling	6ср	
49316	Materials Handling	6ср	
49321	Energy Conversion	6ср	
49322	Airconditioning	6ср	
49325	Computer-aided Mechanical Design	6ср	
49328	Turbomachines	6ср	
49049	Air and Noise Pollution	6ср	
49928	Design Optimisation for Manufacturing	6ср	
49330	Sensors and Signal Processing	6ср	
49329	Control of Mechatronic Systems	6ср	
		Tota	124cn

MAJ03443 Local Government Engineering and Environmental Engineering

This combination major allows candidates to learn technical skills and knowledge from both the Local Government engineering and Environmental Engineering areas in the Master of Engineering Studies, without the requirement of needing to complete management subjects as is the case with the single majors.

Completion requirements

49108	Local Government Powers and Practice	6	ср
49121	Environmental Assessment and Planning	6	ср
49126	Environmental Management of Land	6	ср
49123	Waste and Pollution Management	6	ср
Select 24 c	redit points from the following options:	24	cp
49049	Air and Noise Pollution	6ср	-
49102	Traffic and Transportation	6ср	
49106	Road Engineering Practice	6ср	
49107	Urban Stormwater Design	6ср	
49122	Ecology and Sustainability	6ср	
49125	Environmental Risk Assessment	6ср	
49127	On-site Water and Wastewater Treatment	6cp	
49109	Engineered Natural Water Treatment		
	Systems	6ср	
		Total 48	cp

MAJ03444 Enterprise Systems Development

This major introduces the practice of creating software applications and is concerned with technology building. Students learn how to build software by applying technologies and practice from computer science, project management and other fields to produce business solutions with known characteristics.

Students also learn how to direct their programming skills to develop programs and systems that deliver the functionality and meet the quality requirements needed to deliver business solutions.

Completion requirements

48024	Applications Programming		6ср
31251	Data Structures and Algorithms		6ср
48440	Software Engineering Practice		6ср
31260	Interface Design		6ср
31281	Systems Development Project		12cp
Select 12 c	redit points from the following options:		12cp
31284	Web Services Development	6ср	_
31253	Database Programming	6ср	
48433	Software Architecture	6ср	
31100	Enterprise Development with .NET	6ср	
31335	Extreme Programming	6ср	
31777	Human-Computer Interaction	6ср	
31927	Application Development with .NET	6ср	
31075	Object-relational Databases	6ср	
41001	Cloud Computing and Software as a	_	
	Service	6ср	
31242	Advanced Internet Programming	6ср	
41005	Cloud-based Enterprise Application	_	
	Development	6ср	
		Total	48cp

MAJ03445 Internetworking and Applications

This major provides the necessary knowledge and skills in network design and application development and is concerned with technology services.

Students learn the hows and whys of Internet design - its architecture, protocols and components as well as the enabling software tools and programming methods to achieve a well-designed, secure network.

Businesses and users now require services on demand, network information security, user/service mobility and quality of service. This major addresses these issues along with network and protocol design principles through two major thrusts, designing future networks and developing practical applications and services.

	•	
48024	Applications Programming	6ср
31277	Routing and Internetworks	6cp
31275	Mobile Networking	6cp
31284	Web Services Development	6cp
31246	Network Design	6cp
31252	Network Security	6cp

	credit points from the following options:		l2cp	MAJ0344	9 ICT Engineering	
31242	Advanced Internet Programming	6cp		48410	Introduction to ICT Engineering	6ср
31283	WANs and Virtual LANs	6ср		48023	Programming Fundamentals	6ср
31285 31254	Mobile Applications Development	6cp		48441	Introductory Digital Systems	6ср
31254	e-Commerce Network Management	6cp		48510	Introduction to Electrical Engineering	6ср
	e of the following:	6ср 6ср		48541	Signal Theory	6cp
3126		бср		48720	Network Fundamentals	6cp
3109		бер		48471	ICT Analysis	6cp
31748	Programming on the Internet	6ср		48481	ICT Design	6cp
31338	Network Servers	6ср		48210	Capstone Project	12cp
01000	1 totwork ber vers	Total 4	18cp	40210	Interrogating Technology: Sustainability, Environment and Social Change	600
			or	Soloct 48 c	redit points from the following options:	6ср 48ср
MAJ034	46 ICT Engineering			SMJ03040		48cp
48410	Introduction to ICT Engineering		6ср	SMI03043	Computer Systems	48cp
48023	Programming Fundamentals		6ср		Telecommunications	48cp
48441	Introductory Digital Systems		6ср		Software option	18cp
48510	Introduction to Electrical Engineering		6ср		Digital Electronics option	18cp
48541	Signal Theory		6cp		Embedded Systems option	18cp
48720	Network Fundamentals		6cp		Signals option	18cp
48471	ICT Analysis		6cp		Networks option	18cp
48481	ICT Design		6cp		ICT choice	12cp
48210	Interrogating Technology: Sustainability,		1			Total 114cp
	Environment and Social Change		6ср			1
48016	Capstone Project Part A		6ср	MAJ0345	0 Mechanical and Mechatronic Engine	ering
48026	Capstone Project Part B		6ср	48610	Introduction to Mechanical and Mechatron	ic
Select 54	credit points from the following options:	5	54cp	-	Engineering	6ср
SMJ03038	3 Software	54cp		48620	Fundamentals of Mechanical Engineering	6cp
SMJ03041	Computer Systems	54cp		48621	Manufacturing Engineering	6cp
SMJ03044	Telecommunications	54cp		48510	Introduction to Electrical Engineering	6cp
	1 Software option	18cp		48023	Programming Fundamentals	6cp
	2 Digital Electronics option	18cp		48520	Electronics and Circuits	6cp
	3 Embedded Systems option	18ср		48331	Mechanics of Solids	6cp
	4 Signals option	18cp		48641	Fluid Mechanics	6cp
	5 Networks option	18cp		48600	Mechanical Design 1	6cp
CBK9036	6 ICT choice	18cp		48640	Machine Dynamics	6ср
		Total 12	20cp	48531	Electromechanical Automation	6ср
144 1007	(BIOT E : :			48622	Mechatronics 1	6ср
	47 ICT Engineering			48642	Strength of Engineering Materials	6ср
48410	Introduction to ICT Engineering		6ср	48660	Dynamics and Control	6ср
					Dynamics and Control	
48023	Programming Fundamentals		6ср	48670	Mechanical and Mechatronic Design	6cp
48023 48441	Introductory Digital Systems		6cp 6cp	48670 48650	Mechanical and Mechatronic Design Mechanical Design 2	
48023 48441 48510	Introductory Digital Systems Introduction to Electrical Engineering		6cp 6cp 6cp	48670 48650 48623	Mechanical and Mechatronic Design	6ср
48023 48441 48510 48541	Introductory Digital Systems Introduction to Electrical Engineering Signal Theory		6cp 6cp 6cp 6cp	48670 48650 48623 48016	Mechanical and Mechatronic Design Mechanical Design 2	6ср 6ср
48023 48441 48510 48541 48720	Introductory Digital Systems Introduction to Electrical Engineering Signal Theory Network Fundamentals		6cp 6cp 6cp	48670 48650 48623	Mechanical and Mechatronic Design Mechanical Design 2 Mechatronics 2	6cp 6cp 6cp 6cp 6cp
48023 48441 48510 48541	Introductory Digital Systems Introduction to Electrical Engineering Signal Theory Network Fundamentals Interrogating Technology: Sustainability,		6cp 6cp 6cp 6cp 6cp	48670 48650 48623 48016	Mechanical and Mechatronic Design Mechanical Design 2 Mechatronics 2 Capstone Project Part A	6cp 6cp 6cp 6cp
48023 48441 48510 48541 48720 48210	Introductory Digital Systems Introduction to Electrical Engineering Signal Theory Network Fundamentals Interrogating Technology: Sustainability, Environment and Social Change		6cp 6cp 6cp 6cp 6cp	48670 48650 48623 48016 48026	Mechanical and Mechatronic Design Mechanical Design 2 Mechatronics 2 Capstone Project Part A Capstone Project Part B	6cp 6cp 6cp 6cp 6cp Total 114cp
48023 48441 48510 48541 48720 48210 Select 42	Introductory Digital Systems Introduction to Electrical Engineering Signal Theory Network Fundamentals Interrogating Technology: Sustainability, Environment and Social Change credit points from the following options:	4	6cp 6cp 6cp 6cp 6cp	48670 48650 48623 48016 48026 MAJ0345	Mechanical and Mechatronic Design Mechanical Design 2 Mechatronics 2 Capstone Project Part A Capstone Project Part B	6cp 6cp 6cp 6cp 6cp Total 114cp
48023 48441 48510 48541 48720 48210 Select 42 SMJ03039	Introductory Digital Systems Introduction to Electrical Engineering Signal Theory Network Fundamentals Interrogating Technology: Sustainability, Environment and Social Change credit points from the following options: O Software	4 42cp	6cp 6cp 6cp 6cp 6cp	48670 48650 48623 48016 48026	Mechanical and Mechatronic Design Mechanical Design 2 Mechatronics 2 Capstone Project Part A Capstone Project Part B	6cp 6cp 6cp 6cp 6cp Total 114cp
48023 48441 48510 48541 48720 48210 Select 42 SMJ03033 SMJ03042	Introductory Digital Systems Introduction to Electrical Engineering Signal Theory Network Fundamentals Interrogating Technology: Sustainability, Environment and Social Change credit points from the following options: Software Computer Systems	4 42cp 42cp	6cp 6cp 6cp 6cp 6cp	48670 48650 48623 48016 48026 MAJ0345 Managen	Mechanical and Mechatronic Design Mechanical Design 2 Mechatronics 2 Capstone Project Part A Capstone Project Part B 11 Integrated Logistic Support and Enginent	6cp 6cp 6cp 6cp 7ctal 114cp
48023 48441 48510 48541 48720 48210 Select 42 SMJ03038 SMJ03042 SMJ03048	Introductory Digital Systems Introduction to Electrical Engineering Signal Theory Network Fundamentals Interrogating Technology: Sustainability, Environment and Social Change credit points from the following options: Software Computer Systems Telecommunications	4 42cp 42cp 42cp	6cp 6cp 6cp 6cp 6cp	48670 48650 48623 48016 48026 MAJ0345 Managen Logistics of	Mechanical and Mechatronic Design Mechanical Design 2 Mechatronics 2 Capstone Project Part A Capstone Project Part B 11 Integrated Logistic Support and Enginent engineering involves ensuring that the sys	6cp 6cp 6cp 6cp Total 114cp ineering
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48023 48441 48510 48541 48720 48210 Select 42 SMJ03033 SMJ03043 SMJ03043 CBK9036	Introductory Digital Systems Introduction to Electrical Engineering Signal Theory Network Fundamentals Interrogating Technology: Sustainability, Environment and Social Change credit points from the following options: Software Computer Systems Telecommunications Signal Electronics option Embedded Systems option Introduction to ICT Engineering Frogramming Fundamentals Introduction to Electrical Engineering Signal Theory Network Fundamentals ICT Analysis ICT Design Capstone Project Credit points from the following options: Software Computer Systems Software option Signals option Electronics option Electronics option Embedded Systems option Signals option Sembedded Systems option	4 42cp 42cp 42cp 18cp 18cp 18cp 18cp 6cp Total 8	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	48670 48650 48623 48016 48026 MAJ0345 Managen Logistics of the state of the supported prepare state of the system treated with the major that typica emphasise the student system according to the program of the system according to the system a	Mechanical and Mechatronic Design Mechanical Design 2 Mechatronics 2 Capstone Project Part A Capstone Project Part B Capstone Project Part A Capstone Project Part B Capstone Project Part A Capstone Project Part B Capstone Project Part A Capstone Project Part B Cap	6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 114cp ineering tems created ly supported to not remain management stems can be for this major requirements derations are n's life cycle. erial aspects The program g and enable ycle view to imponents of int to logistics ny industries, ries, creating ms successful 6cp 6cp 6cp 6cp 6cp

MAJ03452 Integrated Logistic Support and Engineering Management

Logistics engineering involves ensuring that the systems created to meet various needs can be effectively and adequately supported during their lifetime. Without such support, systems do not remain fit for purpose for the required lengths of time.

This major prepares students to manage acquisition and management of complex systems with a view to ensuring that such systems can be supported in an effective manner. The subjects studied for this major prepare students to not only identify the key drivers and requirements for system support, but also to ensure that these considerations are treated with due importance throughout the system's life cycle. The major focuses on both the technical and managerial aspects that typically confront people working in such fields. The program emphasises a systems approach to logistics engineering and enable the student to appreciate the importance of a life-cycle view to system acquisition and management. The individual components of the program familiarise students with the skills relevant to logistics engineering and management.

The knowledge gained prepares students to work in many industries, such as aircraft, defence industries, and other industries, creating systems which require well thought out support systems successful operations and sustainment.

Completion requirements

49001	Judgment and Decision Making	6ср
49004	Systems Engineering for Managers	6ср
49069	Leadership and Responsibility	6ср
49309	Quality Planning and Analysis	6ср
49655	Integrated Logistic Support	6ср
49678	Reliability Availability and Maintainability	6ср
49098	Engineering Financial Control	6ср
49680	Value Chain Engineering Systems	6ср
		Total 48cp

MAJ03453 Civil Engineering

The Civil Engineering major allows students to further broaden and/or deepen their previous studies in civil engineering while also addresses some aspects of professional practice. This is a broad major that covers water engineering, some structural engineering, local government engineering and also environmental engineering. Specialist majors are also available in these areas.

Completion requirements

CBK90230 Elective 66			
Select 18 credit points from the following options:	18cp		
49002 Managing Projects	6ср		
49102 Traffic and Transportation	6ср		
49105 Water Supply and Wastewater	•		
Management	6ср		
49106 Road Engineering Practice	6ср		
49107 Urban Stormwater Design	6ср		
49109 Engineered Natural Water Treatment	•		
Systems	6ср		
49115 Facade Engineering	6ср		
49121 Environmental Assessment and Planning	6ср		
49126 Environmental Management of Land	6ср		
49131 Bridge Design	6ср		
49136 Application of Timber in Engineering	_		
Structures	6ср		
49150 Prestressed Concrete Design	6ср		
49143 Civil Engineering Review 1	6ср		
49254 Advanced Soil Mechanics and Foundation	_		
Design	6ср		
49258 Pavement Analysis and Design	6ср		
49119 Problematic Soils and Ground	•		
Improvement Techniques	6ср		
49118 Applied Geotechnics	6ср		
	Total 24cp		

MAJ03454 Civil Engineering

The Civil Engineering major allows students to further broaden and/or deepen their previous studies in civil engineering while also addresses some aspects of professional practice. This is a broad major that covers water engineering, some structural engineering, local government engineering and also environmental engineering. Specialist majors are also available in these areas.

Completion requirements

•	•		
CBK9033	1 Subject choice (Group A)		18cp
CBK9023	0 Elective		6ср
Select 24	credit points from the following options:		24cp
49002	Managing Projects	6ср	_
49102	Traffic and Transportation	6ср	
49105	Water Supply and Wastewater	_	
	Management	6ср	
49106	Road Engineering Practice	6cp	
49107	Urban Stormwater Design	6cp	
49109	Engineered Natural Water Treatment	-	
	Systems	6ср	
49115	Facade Engineering	6cp	
49121	Environmental Assessment and Planning	6cp	
49126	Environmental Management of Land	6ср	
49131	Bridge Design	6cp	
49136	Application of Timber in Engineering	-	
	Structures	6ср	
49150	Prestressed Concrete Design	6cp	
49143	Civil Engineering Review 1	6cp	
49254	Advanced Soil Mechanics and Foundation	-	
	Design	6ср	
49258	Pavement Analysis and Design	6cp	
49119	Problematic Soils and Ground	-	
	Improvement Techniques	6ср	
49118	Applied Geotechnics	6cp	
49151	Concrete Technology and Practice	6ср	
		Tota	148cp

MAJ03455 Civil Engineering

The Civil Engineering major allows students to further broaden and/or deepen their previous studies in civil engineering while also addresses some aspects of professional practice. This is a broad major that covers water engineering, some structural engineering, local government engineering and also environmental engineering. Specialist majors are also available in these areas.

,	•		
Select 24 c	redit points from the following options:		24cp
49002	Managing Projects	6ср	
49102	Traffic and Transportation	6ср	
49105	Water Supply and Wastewater	•	
	Management	6ср	
49106	Road Engineering Practice	6ср	
49107	Urban Stormwater Design	6ср	
49109	Engineered Natural Water Treatment		
	Systems	6ср	
49115	Facade Engineering	6ср	
49121	Environmental Assessment and Planning	6ср	
49126	Environmental Management of Land	6ср	
49131	Bridge Design	6ср	
49136	Application of Timber in Engineering	•	
	Structures	6ср	
49150	Prestressed Concrete Design	6ср	
49143	Civil Engineering Review 1	6ср	
49119	Problematic Soils and Ground	•	
	Improvement Techniques	6ср	
49254	Advanced Soil Mechanics and Foundation	•	
	Design	6ср	
49258	Pavement Analysis and Design	6ср	
49118	Applied Geotechnics	6ср	
		Tota	l 24cp

MAJ03456 Civil Engineering and Structural Engineering

The Civil Engineering and Structural Engineering major allows students to focus on technical content in structural engineering as well as some aspects of civil engineering. Students can elect to tailor the balance of structural engineering subjects versus general civil engineering subjects.

Completion requirements

	Civil and Structural Engineering credit points from the following options:		24cp 24cp
49047	Finite Element Analysis	6ср	1
49131	Bridge Design	6cp	
49134	Structural Dynamics and Earthquake		
	Engineering	6ср	
49136	Application of Timber in Engineering	_	
	Structures	6ср	
49150	Prestressed Concrete Design	6ср	
49002	Managing Projects	6ср	
49115	Facade Engineering	6ср	
49129	Structural Engineering Review 2	6ср	
49119	Problematic Soils and Ground	_	
	Improvement Techniques	6ср	
49254	Advanced Soil Mechanics and Foundation	_	
	Design	6ср	
49258	Pavement Analysis and Design	6ср	
	_	Tota	1 48cp

MAJ03457 Value Chain Management

This major is only available to approved employees of the Defence Materiel Organisation (DMO) who have been sponsored for admission into this program.

Completion requirements

49001	Judgment and Decision Making	6ср
49002	Managing Projects	6ср
49309	Quality Planning and Analysis	6ср
49680	Value Chain Engineering Systems	6cp
	0 0 7	Total 24cp

MAJ03458 Geotechnical Engineering

Geotechnical engineering is a professional engineering discipline dealing with the design, construction and maintenance of the earth infrastructures, such as foundations of buildings, towers, bridges, dams, road and rail embankments, tunnels, retaining walls and natural slopes. Currently there is a global need for geotechnical engineers for design and construction of challenging large infrastructure projects. The Geotechnical Engineering major trains students in a variety of skills such as planning and undertaking geotechnical site investigations and laboratory testing, designing major structures in ground, and designing appropriate ground improvement techniques for problematic soils and contaminated sites. The knowledge and skills that students gain prepare them to work in many industries and organisations including local councils, state and federal government, non-government organisations, geotechnical consultancies, construction companies and large multinational firms.

This major is mostly suited to applicants who have an undergraduate degree in civil engineering. However, applicants with a background in other fields of engineering or applied science may also apply.

Completion requirements

CBK90675 Geotechnical Engineering choice	18cp
CBK90230 Elective	6ср
	Total 24cp

MAJ03459 Civil and Geotechnical Engineering

Geotechnical engineering is a professional engineering discipline dealing with the design, construction and maintenance of the earth infrastructures, such as foundations of buildings, towers, bridges, dams, road and rail embankments, tunnels, retaining walls and natural slopes. Currently there is a global need for geotechnical engineers for design and construction of challenging large infrastructure projects. The Geotechnical Engineering major trains students in a variety of skills such as planning and undertaking geotechnical site investigations and laboratory testing, designing major structures in ground, and designing appropriate ground improvement techniques for problematic soils and contaminated sites. The knowledge and skills that students gain prepare them to work in many industries and

organisations including local councils, state and federal government, non-government organisations, geotechnical consultancies, construction companies and large multinational firms.

This major is mostly suited to applicants who have an undergraduate degree in civil engineering. However, applicants with a background in other fields of engineering or applied science may also apply.

Completion requirements

CBK90676	Civil and Geotechnical Engineering choice A	24cp
CBK90677	Civil and Geotechnical Engineering choice B	24cp
		Total 48cp

MAJ03460 Geotechnical Engineering

Geotechnical engineering is a professional engineering discipline dealing with the design, construction and maintenance of the earth infrastructures, such as foundations of buildings, towers, bridges, dams, road and rail embankments, tunnels, retaining walls and natural slopes. Currently there is a global need for geotechnical engineers for design and construction of challenging large infrastructure projects. The Geotechnical Engineering major trains students in a variety of skills such as planning and undertaking geotechnical site investigations and laboratory testing, designing major structures in ground, and designing appropriate ground improvement techniques for problematic soils and contaminated sites. The knowledge and skills that students gain prepare them to work in many industries and organisations including local councils, state and federal government, non-government organisations, geotechnical consultancies, construction companies and large multinational firms.

This major is mostly suited to applicants who have an undergraduate degree in civil engineering. However, applicants with a background in other fields of engineering or applied science may also apply.

Completion requirements

	Subject choice (Group A)		18cp
CBK90230	Elective		6ср
Select 24 cr	redit points from the following options:		24cp
49102	Traffic and Transportation	6ср	-
49106	Road Engineering Practice	6ср	
49116	Contaminated Site and Waste Remediation	6ср	
49118	Applied Geotechnics	6ср	
49119	Problematic Soils and Ground	•	
	Improvement Techniques	6ср	
49126	Environmental Management of Land	6cp	
49143	Civil Engineering Review 1	6cp	
49254	Advanced Soil Mechanics and Foundation	•	
	Design	6ср	
49257	Geographic Information Systems	6cp	
49258	Pavement Analysis and Design	6cp	
	, 0	Total	l 48cp

MAJ03461 Geotechnical Engineering

Geotechnical engineering is a professional engineering discipline dealing with the design, construction and maintenance of the earth infrastructures, such as foundations of buildings, towers, bridges, dams, road and rail embankments, tunnels, retaining walls and natural slopes. Currently there is a global need for geotechnical engineers for design and construction of challenging large infrastructure projects. The Geotechnical Engineering major trains students in a variety of skills such as planning and undertaking geotechnical site investigations and laboratory testing, designing major structures in ground, and designing appropriate ground improvement techniques for problematic soils and contaminated sites. The knowledge and skills that students gain prepare them to work in many industries and organisations including local councils, state and federal government, non-government organisations, geotechnical consultancies, construction companies and large multinational firms.

This major is mostly suited to applicants who have an undergraduate degree in civil engineering. However, applicants with a background in other fields of engineering or applied science may also apply.

	1		
Select 24 c	redit points from the following options:		24cp
49118	Applied Geotechnics	6ср	-
49119	Problematic Soils and Ground	_	
	Improvement Techniques	6ср	
49254	Advanced Soil Mechanics and Foundation	_	
	Design	6ср	
49258	Pavement Analysis and Design	6ср	

49102	Traffic and Transportation	6ср
49106	Road Engineering Practice	6ср
49116	Contaminated Site and Waste Remediation	6ср
49257	Geographic Information Systems	6ср
49126	Environmental Management of Land	6ср
49143	Civil Engineering Review 1	6ср
		Total 24cp

MAJ03462 Operations

49989 49306	Operations Engineering Quality and Operations Management System	ns	6ср 6ср
49309	Quality Planning and Analysis		6ср
Select 6 cre	edit points from the following options:		6ср
49001	Judgment and Decision Making	6ср	
49004	Systems Engineering for Managers	6ср	
49006	Risk Management in Engineering	6ср	
49016	Technology and Innovation	-	
	Management	6ср	
49069	Leadership and Responsibility	6ср	
49655	Integrated Logistic Support	6ср	
49678	Reliability Availability and Maintainability	6ср	
49680	Value Chain Engineering Systems	6ср	
49002	Managing Projects	6ср	
	, , , , , , , , , , , , , , , , , , ,	Total :	24cp

MAJ03463 Operations

49002	Managing Projects	6ср
49306	Quality and Operations Management Systems	6ср
49309	Quality Planning and Analysis	6ср
49989	Operations Engineering	6ср
	T	otal 24cp

MAJ03464 Operations

, ., ., .,	4 operations		
49002	Managing Projects		6ср
49306	Quality and Operations Management System	ns	6cp
49309	Quality Planning and Analysis		6ср
49989	Operations Engineering		6ср
CBK90230	Elective		6ср
Select 18 c	redit points from the following options:		18cp
49001	Judgment and Decision Making	6ср	
49004	Systems Engineering for Managers	6ср	
49006	Risk Management in Engineering	6ср	
49016	Technology and Innovation		
	Management	6ср	
49069	Leadership and Responsibility	6ср	
49655	Integrated Logistic Support	6ср	
49678	Reliability Availability and Maintainability	6ср	
49680	Value Chain Engineering Systems	6ср	
		Total	l 48cp

MAJ03465 Biomedical Engineering

This major applies engineering principles and design concepts to medicine and biology. It offers subjects which teach the design and problem-solving skills for problems from both engineering and biology perspectives. It also teaches how to design devices and systems for biomedical or health applications. The knowledge gained prepares students for work in industry, hospitals, research facilities, teaching and government regulatory agencies. Background knowledge in electrical engineering, mechanical engineering, computer systems and biomedical science prepares students for this major, however it is not a requisite.

Completion requirements

CBK90851 Biomedical Engineering	12cp
CBK90854 Biomedical Engineering	12cp
	Total 24cp

MAJ03466 Biomedical Engineering

This major applies engineering principles and design concepts to medicine and biology. It offers subjects which teach the design and problem-solving skills for problems from both engineering and biology perspectives. It also teaches how to design devices and systems for biomedical or health applications. The knowledge gained prepares students for work in industry, hospitals, research facilities, teaching and government regulatory agencies. Background knowledge in electrical engineering, mechanical engineering, computer systems and biomedical science prepares students for this major, however it is not a requisite.

Completion requirements

CBK90851 Biomedical Engineering	12cp
CBK90852 Biomedical Engineering	18cp
CBK90853 Engineering Management	18cp
	Total 48cp

MAJ03467 Systems Engineering

This major prepares students to manage acquisition, development and management of complex systems with a view to ensuring that such systems are 'fit for purpose' and can be supported in an effective manner. The subjects studied prepare students not only to identify the key drivers and requirements for engineered systems, but also to ensure that these considerations, including the increasingly important economic considerations, are treated with due importance throughout a system's life cycle. The major focuses on both the technical and managerial aspects that typically confront people working in such fields.

Completion requirements

	•	
49004	Systems Engineering for Managers	6ср
32569	Enterprise Business Requirements	6ср
49655	Integrated Logistic Support	6ср
49002	Managing Projects	6ср
49001	Judgment and Decision Making	6ср
49003	Economic Evaluation	6ср
Select 12	credit points from the following options:	12cp
CBK9074	13 Electives	12cp
		Total 48cp

MAJ03468 Systems Engineering

This major prepares students to manage acquisition, development and management of complex systems with a view to ensuring that such systems are 'fit for purpose' and can be supported in an effective manner. The subjects studied prepare students not only to identify the key drivers and requirements for engineered systems, but also to ensure that these considerations, including the increasingly important economic considerations, are treated with due importance throughout a system's life cycle. The major focuses on both the technical and managerial aspects that typically confront people working in such fields.

Completion requirements

49004	Systems Engineering for Managers	6ср
32569	Enterprise Business Requirements	6ср
49655	Integrated Logistic Support	6ср
Select 6	credit points from the following options:	6ср
CBK9023	30 Elective	6ср
		Total 24cp

MAJ03469 Systems Engineering

This major prepares students to manage acquisition, development and management of complex systems with a view to ensuring that such systems are 'fit for purpose' and can be supported in an effective manner. The subjects studied prepare students not only to identify the key drivers and requirements for engineered systems, but also to ensure that these considerations, including the increasingly important economic considerations, are treated with due importance throughout a system's life cycle. The major focuses on both the technical and managerial aspects that typically confront people working in such fields:

49004	Systems Engineering for Managers	6ср
32569	Enterprise Business Requirements	6ср
49655	Integrated Logistic Support	6ср
Select 6	credit points from the following options:	6ср
49002	Managing Projects	6ср
49001	Judgment and Decision Making	6ср
49003	Economic Evaluation	6ср
		Total 24cp

MAJ03470 Biomedical Engineering

Option (elective) choice differs depending on the stream students are enrolled in. The following electives are recommended by the faculty:

- Physical Science stream: choose four subjects from the following: 91403, 68075, 67509 (Autumn semester); 91705, 91140, 27174 (Spring semester)
- **Biomedical Sciences stream**: choose five subjects from the following: 91703, 91403, 68075, 67509 (Autumn semester); 27174, 91705, 91708, 91140 (Spring semester).

Completion requirements

49261	Biomedical Instrumentation	6ср
CBK90867	Biomedical Engineering stream choice	12cp
	redit points from the following options:	30cp
91239	Human Pathophysiology	6ср
91703	Physiological Systems	6ср
91708	Medical and Applied Physiology	6ср
27174	Analysis of Human Motion	6ср
91403	Medical Imaging	6ср
68075	Nanomaterials	6ср
67509	Molecular Nanotechnology	6ср
91705	Medical Devices and Diagnostics	6ср
91140	BioNanotechnology	6ср
49275	Neural Networks and Fuzzy Logic	6ср
48023	Programming Fundamentals	6ср
91171	Biomedical Engineering Project A	12cp
91172	Biomedical Engineering Project B	12cp
91173	Biomedical Engineering Project	24cp
	- 0 ,	Total 48cp

MAJ03471 Objects and Accessories

89131	Objects and Accessories Studio: Fold	12cp
89132	Objects and Accessories Studio: Layer	12cp
89133	Objects and Accessories Studio: Final Project	12cp
	•	Total 36cp

MAJ04004 Interior Lighting

Select 24	credit points from the following options:	24c	p
39400	Design Capstone Project	12cp	
		Total 24c	p

MAJ04005 Furniture Design

crean points from the following options:	24CP
Furniture Concepts	6ср
Design Capstone Project	12cp
,	Total 24cp
	Furniture Concepts

MAJ04006 Lighting

89114	Lighting Studio: Light, Time and Change	12cp
89115	Lighting Studio: Light, Materials and Space	12cp
89116	Lighting Studio: Final Project	12cp
	,	Total 36cp

MAJ04007 Perception Space Materials

89141	Perception Space Materials: Research and	
	Conceptualisation	12cp
89142	Perception Space Materials: Design Philosophy	•
	- Spatial Design Program	12cp
89143	Perception Space Materials: Constructing	-
	Materials - Expanded Field of Practice	12cp
	Т	otal 36cp

MAJ05003 Environmental Change Management

91540	Climate Change and Ecological Modelling		6ср
91541	Monitoring Ecological Variability		6ср
Select one	of the following:		6ср
91145	Environmental Protection and		_
	Management	6ср	
91120	GIS and Remote Sensing	6ср	
Select 30 ca	redit points from the following options:		30cp
CBK90640	Elective	6ср	
91145	Environmental Protection and		
	Management	6ср	
91120	GIS and Remote Sensing	6ср	
91155	Stream and Lake Assessment	6ср	
91157	Marine Communities	6ср	
91116	Wildlife Ecology	6ср	

91118	Fisheries Resources	6ср
66513	Marine Geosciences	6ср
91543	Evaluation of Contaminant Effects	6ср
91542	Principles of Contaminated Site Assessment	6ср
91309	Biodiversity Conservation	6ср
91544	Environment Risk Assessment and	•
	Remediation	6ср
91545	Environment Research Project A	12cp
91546	Environment Research Project B	12cp
91547	Environment Research Project	24cp
60910	Directed Study A	6ср
60911	Directed Study B	6ср
CBK90682	Options	6ср
91551	Ecohydrology and Climate Change	6ср
		Total 48cp

MAJ06213 Advanced Nursing Practice

This major is not offered to international students.

Completion requirements

92790	Evidence-based Practice	6ср
92606	Issues in Australian Health Services	6cp
92612	Research in Health	6ср
92608	Advanced Assessment and Diagnosis	6ср
92894	Advanced Clinical Practice	6ср
CBK90508	Sub-major/Four electives	24cp
92609	Pharmacological Therapies in Advanced Practice	6ср
CBK90857	Electives	12cp
	Total	172cp

MAJ06214 Nurse Practitioner

This major is not offered to international students.

Completion requirements

92790	Evidence-based Practice	6ср
92612	Research in Health	6ср
92608	Advanced Assessment and Diagnosis	6ср
92609	Pharmacological Therapies in Advanced Practice	6ср
92611	Complex Case Management	6ср
98727	Quality Use of Medicines in Advanced Practice	6ср
98728	Leadership, Accountability and Role	_
	Development in Advanced Practice	6ср
CBK90508	Sub-major/Four electives	24cp
92606	Issues in Australian Health Services	6ср
	Tota	172cp

MAJ06215 Health Research

STM90761 Health Research Level 1 STM90762 Health Research Level 2	24cp 24cp
Select 24 credit points from the following options:	24cp
CBK90842 Health Research RPL	24cp Total 72cp

MAJ07041 Personal Development, Health and Physical Education

	••	
023125	Learning in Personal Development, Health and	
	Physical Education 1	6ср
023122	Professional Practice in Personal Development,	
	Health and Physical Education 1	6ср
023126	Learning in Personal Development,	_
	Health and Physical Education 2	6ср
023123	Professional Practice in Personal Development,	_
	Health and Physical Education 2	6ср
	То	tal 24cp

MAJ07047 Technology and Applied Studies

Free choice of electives.

MAJ07048 Visual Arts

Free choice of electives.

MAJ07049 English

Free choice of electives.

MAJ07050 ESL

Free choice of electives.

M A 10705	1 Education		MA 1070/1 Calamaa
	61 Education		MAJ07061 Science
92790 92606	Evidence-based Practice Issues in Australian Health Services	6cp	013049 Science Teaching Methods 1 6cp 013061 Science Teaching Methods 2 6cp
92612	Research in Health	6ср 6ср	013061 Science Teaching Methods 2 6cp 013067 Science Teaching Methods 3 6cp
92721	Health Promotion and Health Education	6ср	013073 Science Teaching Methods 4 6cp
	Clinical Teaching	24cp	CBK90524 Teaching Discipline Contents 72cp
	Education subjects (PG)	6cp	013401 Professional Experience and Classroom
	Electives	18cp	Management 1 6cp
		Total 72cp	013402 Professional Experience and Classroom
144 1070	· / TECO!		Management 2 6cp
MAJ0705			Total 108cp
013096 013121	Grammar and the Construction of Meaning	6ср	MAJ07062 Languages other than English
013121	Theory and Practice of Teaching English to Speakers of other Languages	6ср	013046 Language Teaching Methods 1 6cp
013117	Theory and Practice of Literacy	6cp	013058 Language Teaching Methods 2 6cp
013105	Language Development	6ср	013064 Language Teaching Methods 3 6cp
013952	Research Perspectives	6cp	013070 Language Teaching Methods 4 6cp
CBK90632	2 Options	18cp	CBK90524 Teaching Discipline Contents 72cp
		Total 48cp	013401 Professional Experience and Classroom
MA 10705	E Applied Linevistics		Management 1 6cp
	55 Applied Linguistics	(013402 Professional Experience and Classroom Management 2 6cp
013087 013095	Discourse Analysis	6cp	Management 2 6cp Total 108cp
013093	Global Englishes Grammar and the Construction of Meaning	6ср 6ср	10ш 100ср
013107	Phonology and Pronunciation	6cp	MAJ07063 English
013952	Research Perspectives	6ср	013041 English Teaching Methods 1 6cp
	redit points from the following options:	18cp	013053 English Teaching Methods 2 6cp
CBK90037	Options	18cp	013063 English Teaching Methods 3 6cp
	•	Total 48cp	013069 English Teaching Methods 4 6cp
	., .		CBK90524 Teaching Discipline Contents 72cp
	i6 e-Learning		013401 Professional Experience and Classroom
CBK90548		12cp	Management 1 6cp
013091	e-Learning Experiences 1	6cp	013402 Professional Experience and Classroom Management 2 6cp
013092 013093	e-Learning Experiences 2 e-Learning Technologies	6cp	Total 108cp
013093	e-Learning Design	6ср 6ср	10ш 100ср
	Core subjects	12cp	MAJ07064 Mathematics/Science
	,	Total 48cp	013047 Mathematics Teaching Methods 1 6cp
		•	013059 Mathematics Teaching Methods 2 6cp
MAJ0705	8 Mathematics		013049 Science Teaching Methods 1 6cp
013047	Mathematics Teaching Methods 1	6ср	013061 Science Teaching Methods 2 6cp
013059	Mathematics Teaching Methods 2	6ср	CBK90524 Teaching Discipline Contents 72cp
013065	Mathematics Teaching Methods 3	6cp	013401 Professional Experience and Classroom Management 1 6cp
013071	Mathematics Teaching Methods 4	6cp	Management 1 6cp 013402 Professional Experience and Classroom
013401	Professional Experience and Classroom	72cp	Management 2 6cp
010101	Management 1	6ср	Total 108cp
013402	Professional Experience and Classroom	· · · r	
	Management 2	6ср	MAJ07065 Science/Computing Studies
		Total 108cp	013049 Science Teaching Methods 1 6cp
MA 1070E	O.Vienel Ante		013061 Science Teaching Methods 2 6cp
	i9 Visual Arts		013040 Computing Studies Teaching Methods 1 6cp
013050	Visual Arts Teaching Methods 1	6cp	013052 Computing Studies Teaching Methods 2 6cp 013020 Professional Experience 1
013062 013068	Visual Arts Teaching Methods 2 Visual Arts Teaching Methods 3	6ср 6ср	(Science/Computing Studies) 6cp
013074	Visual Arts Teaching Methods 4	6ср	013036 Professional Experience 2
	Teaching Discipline Contents	72cp	(Science/Computing Studies) 6cp
013401	Professional Experience and Classroom	1	CBK90524 Teaching Discipline Contents 72cp
045:-	Management 1	6ср	Total 108cp
013402	Professional Experience and Classroom		MA 107066 Mathematics/Computing Studios
	Management 2	6cp	MAJ07066 Mathematics/Computing Studies 013047 Mathematics Teaching Methods 1 6cp
		Total 108cp	
MA 1070	0 Personal Development, Health and Ph	vsical	013059 Mathematics Teaching Methods 2 6cp 013040 Computing Studies Teaching Methods 1 6cp
Educatio		., 5.644	013052 Computing Studies Teaching Methods 2 6cp
013048	Personal Development, Health and Physical		013017 Professional Experience 1
013040	Education Teaching Methods 1	6ср	(Mathematics/Computing Studies) 6cp
013060	Personal Development, Health and Physical	P	013032 Professional Experience 2
-	Education Teaching Methods 2	6ср	(Mathematics/Computing Studies) 6cp
013066	Personal Development, Health and Physical	_	CBK90524 Teaching Discipline Contents 72cp
0100=0	Education Teaching Methods 3	6ср	Total 108cp
013072	Personal Development, Health and Physical		MAJ07067 Adult Education
CBKOUES	Education Teaching Methods 4	6cp 72cp	
013401	Professional Experience and Classroom	72cp	The Adult Education major introduces students to an in-depth study of adult learning practice and traditions, approaches to program
010101	Management 1	6ср	planning, adult development psychology, and education policy
013402	Professional Experience and Classroom	1	contexts.
	Management 2	6ср	In addition to the core areas of the program, students complete two
		Total 108cp	electives chosen from the variety of subjects on offer across the MEd
			including educational policy, e-learning, educational psychology,

popular education, research design and social change, and many others, to form a program of study to suit their professional development needs.

Students bring with them experiences gained from working in diverse settings ranging from public sector organisations, private enterprise, non-government and charity organisations, educational institutions and the broad health field and more. This breadth of practice and experience adds a richness to the program.

Upon completion, graduates are well positioned to be at the cutting edge of learning and change in educational, vocational, community and organisational settings.

Completion requirements

CBK90709 Electives major (AdEd)	12cp
STM90537 Core subjects (Education PG)	18cp
STM90546 Major core subjects (AdEd)	18cp
	Total 48cp

MAJ07068 English/History

	5 ,	
013041	English Teaching Methods 1	6ср
013053	English Teaching Methods 2	6ср
013045	History Teaching Methods 1	6ср
013057	History Teaching Methods 2	6ср
CBK90524	Teaching Discipline Contents	72cp
013401	Professional Experience and Classroom	•
	Management 1	6ср
013402	Professional Experience and Classroom	•
	Management 2	6ср
		Total 108cp

MAJ07069 Geography/Commerce, Business Studies and Economics

013044	Geography Teaching Methods 1	6ср
013056	Geography Teaching Methods 2	6cp
013013	Professional Experience 1 (Geography/	•
	Commerce, Business and Economics)	6ср
013028	Professional Experience 2 (Geography/	•
	Commerce, Business and Economics)	6ср
013039	Commerce, Business Studies and Economics	
	Teaching Methods 1	6ср
013051	Commerce, Business Studies and Economics	
	Teaching Methods 2	6ср
CBK90524	Teaching Discipline Contents	72cp
		Total 108cp

MAJ07070 Commerce, Business Studies and Economics

013039	Commerce, Business Studies and Economics	3
	Teaching Methods 1	6ср
013051	Commerce, Business Studies and Economics	,
	Teaching Methods 2	6ср
013042	Commerce, Business Studies and Economics	3
	Teaching Methods 3	6ср
013054	Commerce, Business Studies and Economics	3
	Teaching Methods 4	6ср
CBK90524	Teaching Discipline Contents	72cp
013401	Professional Experience and Classroom	
	Management 1	6ср
013402	Professional Experience and Classroom	
	Management 2	6ср
	-	Total 108cp

MAJ07071 History/Geography

013045	History Teaching Methods 1	6ср
013057	History Teaching Methods 2	6ср
013044	Geography Teaching Methods 1	6ср
013056	Geography Teaching Methods 2	6ср
013014	Professional Experience 1 (History/Geography)	6ср
013029	Professional Experience 2 (History/Geography)	6ср
CBK90524	Teaching Discipline Contents	72cp
	Total	108cp

MAJ07072 Indigenous Studies

This major is for students wanting to be at the forefront of learning and change in Indigenous education and development. The major's aims are to build respectful partnerships across all sectors and create meaningful and productive dialogues and collaborations between Indigenous and non-Indigenous peoples, with communication and knowledge sharing that respect and acknowledge the rights of Indigenous peoples to maintain control over their culture.

Completion requirements

STM90645	Core subjects	12cp
013130	Education for Social Change 1	6ср
013131	Education for Social Change 2	6cp
010040	Program Development and Evaluation in	•
	Indigenous Education and Development	6ср
010041	Research, Ethics and Indigenous Cultural	•
	Heritage	6ср
CBK90590	Options	12cp
	1	Total 48cp

MAJ07073 Computing Studies

CBK90524	Teaching Discipline Contents	72cp
013040	Computing Studies Teaching Methods 1	6ср
013052	Computing Studies Teaching Methods 2	6ср
013153	Professional Experience 1 (Computing Studies)	6ср
013154	Professional Experience 2 (Computing Studies)	6ср
013157	Computing Studies Teaching Methods 3	6ср
013158	Computing Studies Teaching Methods 4	6ср
	Total	l 108cp

MAJ07074 Commerce, Business Studies and Economics/ Computing Studies

	9	
CBK90524	Teaching Discipline Contents	72cp
013039	Commerce, Business Studies and Economics	1
	Teaching Methods 1	6ср
013051	Commerce, Business Studies and Economics	-
	Teaching Methods 2	6ср
013040	Computing Studies Teaching Methods 1	6ср
013052	Computing Studies Teaching Methods 2	6ср
013155	Professional Experience 1 (Commerce, Business	,
	Studies and Economics/Computing Studies)	6ср
013156	Professional Experience 2 (Commerce, Business	;
	Studies and Economics/Computing Studies)	6ср
	To	tal 108cp

MAJ07076 Organisational and Workplace Learning

This major provides a foundation in core areas concerned with adult learning as well as specific subjects related to organisational and workplace learning that reflect the growing focus on professional learning, changing professional practice and leading informal and formal learning strategies.

It is ideally suited for people working in learning and development units, human resource management, vocational and workplace policy, organisational learning areas and those who are responsible for leading and facilitating formal and informal learning in the workplace.

In addition to the core areas of the major, students complete two electives chosen from the variety of subjects on offer across the MEd including educational policy, e-learning, educational psychology, research design, popular education and social change, and many others, to form a program of study to suit their professional development needs.

Upon completion, graduates are well positioned to be at the cutting edge of learning and change in educational, vocational, community and organisational settings.

Completion requirements

STM90537 Core subjects (Education PG)	18cp
STM90539 Major core subjects (OrgWrkplLrn)	18cp
CBK90708 Electives major (OrgWrkplLrn)	12cp
, , ,	Total 48cp

MAJ07077 Popular Education and Social Change

This major provides a foundation in core areas concerned with adult learning as well as specific subjects related to popular education approaches in community action and social change. A set of subjects on popular education and social movements; narrative and storymaking in education and change; and new media and social change offer a unique opportunity to focus on contemporary approaches to popular education and social change.

The major is aimed at people who aspire to, or are currently working in organisations that focus on social change. These range from trade unions, to community and social movement organisations, charities and advocacy bodies, and more. It is ideally suited for people who are working with others in campaigning, organising, advocacy and activism. Major participants are most likely working as educators, organisers, campaigners, researchers, or advocates and are interested in developing strategies to assist their members, constituents and

potential allies learn. Utilising a popular education approach the major draws from and build upon the experiences and expertise of the participants.

In addition to the core subjects, students complete two electives chosen from the variety of subjects on offer across the MEd program including e-learning, critical pedagogy and film, educational policy, research design, and many others, to form a program of study that suits their personal and professional development needs.

Upon completion graduates are well positioned to use their skills and knowledge to be more effective and reflective educational practitioners and leaders.

Completion requirements

STM90537 Core subjects (Education PG)	18cp
STM90538 Major core subjects (PopEdSocChange)	18cp
CBK90707 Electives major (PopEdSocChange)	12cp
	Total 48cp

MAJ08020 Human Resource Management

This major provides students with the skills, knowledge, and abilities to effectively contribute to an organisation's human resource management (HRM) functions, either as a practitioner or as part of a broader management role. It introduces students to the frameworks governing and influencing HRM and aims to develop an understanding and competency in the practice of HRM as applied in Australian and international contexts. Students' critical analysis skills, understanding of the role of communication and information technology and appreciation of ethical issues in HRM are developed through the study of HRM structures, systems and processes as well as strategic approaches to the field of HRM.

Completion requirements

21724	Strategic Human Resource Management	6ср
21702	Industrial Relations	6ср
21833	International Human Resources Management	t 6cp
21760	Performance and Talent Management	6ср
21720	Human Resource Management	6ср
21811	Global Strategic Management	6ср
21827	Change Management	6ср
21741	Managing Operations	6ср
		Total 48cp

MAJ08046 Extended Management

The Extended Management major provides specialised study in management; developing outstanding students who wish to extend their understanding of management and engage with the subject matter in more depth. It develops students' ability to engage with practical problems through different theoretical approaches to organisation and management and provides them with critical tools needed to understand management and organisation research and theory. Students can focus on specific topics to advance their understanding and ability to solving complex problems and is a strong preparation for further research in management.

Anti-requisite: MAJ08438 Management, MAJ08442 International Business, SMJ08109 Management Consulting, SMJ08130 Management.

Completion requirements

21440	Management Skills		6ср
21909	Advanced Organisation and Management		1
	Theorising		6ср
21907	Research Methods and Approaches in		
	Management and Organisations		6ср
21510	The Global Context of Management		6ср
21511	Global Operations and Supply Chain		•
	Management		6ср
21512	Understanding Organisations:		-
	Theory and Practice		6ср
21513	Business Ethics and Sustainability		6ср
21504	Management Capstone		6ср
Select 24 ca	redit points from the following options:		24cp
21227	Innovation and Entrepreneurship	6ср	-
21228	Management Consulting	6cp	
21591	Transnational Management	6cp	
21595	International Management Field Study	6cp	
21602	Strategy: Theory and Practice	6cp	
21555	Human Resource Management	6cp	
		Total	72cp

MAJ08049 Accounting Information Systems

The Accounting Information Systems major provides students with in-depth knowledge of and skills in accounting and business information management, ERP, business intelligence, business process management and project management. The major emphasises the benefits of the integration of business processes and data integration and addresses issues in business planning, analysis and control.

SAP enterprise and business intelligence solutions are used extensively as demonstration and learning tools. The major is designed for a broad target group ranging from students with knowledge of accounting concepts wanting to increase their accounting/systems skills, to students with an IT background aiming at acquiring knowledge of accounting/business concepts and processes.

Completion requirements

22759	Accounting and ERP	6ср
22708	Accounting Information Systems	6ср
22766	Assurance for Enterprise Systems	6ср
22776	Business Information Systems	6ср
22782	Business Process Integration with ERP	6ср
22783	Business Intelligence 2: Advanced Planning	6ср
22797	Business Intelligence 1: Advanced Analysis	6ср
22787	Business Project Management	6ср
	,	Total 48cp

MAJ08057 Integrated Communication

	5	
57132	Media Relations	8ср
57131	Inventive Media Advertising	8cp
57996	Marketing and Corporate Communication	8cp
	1	Total 24cp

MAJ08058 Public Relations

57024	Managing Public Communication Strategies	8cp
57132	Media Relations	8cp
57026	Strategic Communication and Negotiation	8cp
		Total 24cp

MAJ08059 Organisational Change and Communication

57035	Organisational Change and Communication	8ср
57994	Managing Organisational Communication	8cp
57995	Learning in Organisations	8cp
		Total 24cp

MAJ08060 Extended Finance

Finance has evolved as a major field of business practised by either business executives in the management of company funds or by executives in the financial sector who may work in financial markets, financial institutions, information technology or consultancy firms that provide financial advice and services to businesses and individuals. The subjects in the Extended Finance major provide graduates with professional skills, deep knowledge and the broad understanding necessary for a career in finance and the financial sector. Students intending to apply for the honours program in finance should complete 25573 Time Series Econometrics as their optional subject.

Anti-requisite: MAJ08440 Finance, MAJ09209 Economics, SMJ08123 Finance

25622	Quantitative Business Analysis		6ср
25556	The Financial System		6ср
25503	Investment Analysis		6ср
23566	Economics for Business 2		6ср
25557	Corporate Finance: Theory and Practice		6ср
25410	Corporate Financial Analysis (Capstone)		6ср
Select 36 c	credit points from the following options:	3	36cp
25005	Economics and Finance of the Life Cycle	6ср	
25421	International Financial Management	6ср	
25558	Issues in Corporate Finance	6ср	
25602	Ethics in Finance	6ср	
25620	Derivative Securities	6ср	
25574	Commercial Bank Management	6ср	
25575	Investment Banking	6ср	
25576	Wealth Management	6ср	
25577	Behavioural Finance	6ср	
25578	Corporate Governance and Executive		
	Compensation	6ср	
25579	Applied Portfolio Management	6ср	
25573	Time Series Econometrics	6ср	
		Total 2	72cp

MAJ08063 Extended Marketing

This major has an in-depth focus on all aspects of the marketing functional area. It provides specialised study in marketing, developing hands-on experience in applying the principles and best practices that underlie contemporary marketing. It also provides an opportunity to focus on marketing strategy or research that is critical for effectively and efficiently marketing products and services.

Anti-requisites: MAJ08441 Marketing, MAJ08116 Marketing Communication, SMJ08137 Advertising, SMJ08138 Marketing, SMJ08132 Marketing Research, SMJ08204 Strategic Marketing, SMJ08131 Advanced Advertising.

Completion requirements

24202	Consumer Behaviour		6ср
24309	Marketing Research		6ср
24210	Integrated Marketing Communications		6ср
24415	Marketing Planning and Strategy		6ср
24331	Marketing Analytics and Decisions		6ср
24222	Marketing Channels		6ср
24223	New Product Marketing		6ср
24224	Pricing Strategies and Tactics		6ср
24100	Applied Project in Marketing (Capstone)		6ср
Select 18 c	redit points from the following options:		18cp
24104	Emerging Marketing Issues and Social		-
	Media	6ср	
24205	Business-to-Business Marketing	6ср	
24220	International Marketing	6ср	
24306	Services Marketing	6ср	
24510	Advertising Research	6ср	
24902	Research Methodology and Data		
	Analysis Techniques	6ср	
24908	Research Design and Data Collection		
	Techniques	6cp Total 2	72ср

MAJ08068 Financial Services

The operation of the financial services sector is critical to the operation of the economy. Consequently, an understanding of how financial information is generated and used, together with how the financial markets operate, is important. The subjects in this major provide students with essential professional skills in how financial reports are prepared, how financial information may be used and how the financial system operates. This major is only available to Bachelor of Business students undertaking majors other than MAJ08437 Accounting.

Anti-requisite: MAJ08437 Accounting, MAJ08060 Extended Finance, SMJ08116 Financial Reporting, SMJ08123 Finance.

Completion requirements

25556	The Financial System	6ср
22320	Accounting for Business Combinations	6ср
25622	Quantitative Business Analysis	6ср
25503	Investment Analysis	6ср
22420	Accounting Standards and Regulations	6ср
79017	Taxation Law	6ср
25557	Corporate Finance: Theory and Practice	6ср
22319	Financial Statement Analysis (Capstone)	6ср
	, I	Total 48cp

MAJ08116 Marketing Communication

This major has been developed in response to a need in the advertising industry for university graduates who have an understanding of the strategic decisions that must be made to manage a firm's advertising and promotion activities. It is designed for students who are interested in specialising in the study of advertising, promotions and media within a managerial framework. Students gain skills to plan and manage advertising and promotional campaigns, and evaluate their effectiveness through market research.

Anti-requisites: SMJ08137 Advertising, SMJ08138 Marketing, SMJ08131 Advanced Advertising.

Completion requirements

24202	Consumer Behaviour	6ср
59330	Advertising Practice	6ср
24210	Integrated Marketing Communications	6ср
24309	Marketing Research	6ср
24207	Media Planning	6ср
24510	Advertising Research	6ср
59333	Advertising Strategies	6ср
24101	Applied Project in Marketing Communication	
	(Capstone)	6ср
		Total 48ch

MAJ08437 Accounting

Note: This major is only available to Bachelor of Business students undertaking majors other than MAJ08068 Financial Services.

The Accounting major builds on the core subjects to develop the intellectual attributes needed by current and future accountants. It satisfies the university education requirements of the Institute of Chartered Accountants of Australia, CPA Australia and the Chartered Institute of Management Accountants.

As part of the Accounting major, Bachelor of Business Bachelor of Laws (C10125) (see page 181) students must substitute an alternative subject in place of 79014 Applied Company Law. Students who complete 76212 Revenue Law as a Law option may apply to substitute an alternative subject in place of 79017 Taxation Law.

Anti-requisites: MAJ08068 Financial Services, SMJ08195 Management Reporting, SMJ08116 Financial Reporting

Completion requirements

22320	Accounting for Business Combinations	6ср
22321	Cost Management Systems	6ср
22420	Accounting Standards and Regulations	6cp
79014	Applied Company Law	6cp
22522	Assurance Services and Audit	6cp
79017	Taxation Law	6cp
22421	Management Decisions and Control	6cp
22319	Financial Statement Analysis (Capstone)	6cp
	y · 1 /	Total 48cp

MAJ08438 Management

This major is underpinned by creative and critical thinking reflective of tertiary level education focused on the issues of responsible, reflexive and accountable management. The program is proactive in responding to and shaping the contexts, demands and perceptions of managers in increasingly complex and turbulent times. The major is designed so that students can direct their program of study toward developing many of the essential attributes and competencies necessary for a career in a professional role in general management, entrepreneurship, supply chain management or other management related roles.

Anti-requisite: MAJ08046 Extended Management, MAJ08446 Human Resource Management, SMJ08109 Management Consulting, SMJ08130 Management.

	•	
21510	The Global Context of Management	6ср
21512	Understanding Organisations:	•
	Theory and Practice	6ср
21511	Global Operations and Supply Chain	
	Management	6ср
21440	Management Skills	6ср
21513	Business Ethics and Sustainability	6ср
21504	Management Capstone	6ср
Select 12 c	redit points from the following options:	12cp
21591	Transnational Management	6ср
21227	Innovation and Entrepreneurship	6ср
21228	Management Consulting	6ср
21595	International Management Field Study	6ср
21602	Strategy: Theory and Practice	6ср
21555	Human Resource Management	6ср
		Total 48cp

MAJ08440 Finance

Finance has evolved as a major field of business practised by either business executives in the management of company funds or by executives in the financial sector who may work in financial markets, financial institutions, information technology or consultancy firms that provide financial advice and services to businesses and individuals. The subjects in the Finance major provide graduates with the professional skills, knowledge and understanding necessary for a career in finance and the financial sector.

Students intending to apply for the honours program in finance should complete 25573 Time Series Econometrics as their optional subject.

To be eligible for admission to the Finance strand in the Bachelor of Business (Honours), students are required to complete 25573 Time Series Econometrics and either 25620 Derivative Securities or 25558 Issues in Corporate Finance.

UTS is a CFA Program Partner Institution based on the Bachelor of Business with a major in finance. CFA Institute has partnerships with select universities around the world that have embedded a significant percentage (70 per cent) of the CFA® (Chartered Financial Analyst®) Program Candidate Body of Knowledge into their degree programs. The subjects in this major are offered at both City and Kuring-gai

Anti-requisites: MAJ08060 Extended Finance, SMJ08123 Finance

Completion requirements

23566	Economics for Business 2		6ср
25622	Quantitative Business Analysis		6ср
25503	Investment Analysis		6ср
25410	Corporate Financial Analysis (Capstone)		6ср
25557	Corporate Finance: Theory and Practice		6ср
Select 12 cr	redit points from the following options:		12cp
25421	International Financial Management	6ср	•
25558	Issues in Corporate Finance	6ср	
25602	Ethics in Finance	6ср	
25005	Economics and Finance of the Life Cycle	6ср	
25620	Derivative Securities	6ср	
25574	Commercial Bank Management	6ср	
25576	Wealth Management	6ср	
25577	Behavioural Finance	6ср	
25578	Corporate Governance and Executive	-	
	Compensation	6ср	
25579	Applied Portfolio Management	6ср	
25573	Time Series Econometrics	6ср	
25575	Investment Banking	6ср	
	Ŭ	Total	48cp

MAJ08441 Marketing

The Marketing major develops a deep understanding of marketing so that managers can drive organisational growth through a profitable implementation of marketing thinking and strategies. It develops practical marketing competencies and essential skills to implement marketing-oriented strategies that allow companies to improve their performance.

Anti-requisite: SMJ08137 Advertising, SMJ08138 Marketing.

Completion requirements

	•		
24202	Consumer Behaviour		6ср
24309	Marketing Research		6cp
24210	Integrated Marketing Communications		6ср
24415	Marketing Planning and Strategy		6ср
24100	Applied Project in Marketing (Capstone)		6ср
Select 18 c	redit points from the following options:		18cp
24222	Marketing Channels	6ср	
24223	New Product Marketing	6ср	
24224	Pricing Strategies and Tactics	6ср	
24205	Business-to-Business Marketing	6ср	
24331	Marketing Analytics and Decisions	6ср	
24220	International Marketing	6ср	
24306	Services Marketing	6ср	
24104	Emerging Marketing Issues and Social		
	Media	6ср	
		Total	48cp

MAJ08442 International Business

The International Business major reflects the growing importance of the global economy in contemporary business activity. This major provides students with a foundation of core studies in international business and a range of international electives providing practical experiences in the international business arena.

21595 International Management Field Study involves overseas travel and related expenses (see the subject coordinator for further details). Anti-requisite: MAJ08046 Extended Management, SMJ08129 International Management.

Completion requirements

- cp.c			
21510	The Global Context of Management		6ср
21591	Transnational Management		6ср
21506	International Business Capstone		6ср
22240	International Accounting		6ср
24220	International Marketing		6ср
21511	Global Operations and Supply Chain		
	Management		6ср
Select 12 c	redit points from the following options:		12cp
21440	Management Skills	6ср	
23304	Asian-Australian Economics Relations	6ср	
22309	Accounting for Overseas Transactions	6ср	
23564	Labour and Industry in the Global Context	6ср	
21595	International Management Field Study	6ср	
79603	International Business Transactions		
	and the Law	6ср	
21602	Strategy: Theory and Practice	6ср	
		Total	48cp

MAJ08443 Tourism Management

This major explores in depth the phenomenon of tourism and the functioning of the tourism industry. It examines the two-way relationship that exists between tourism and its sociocultural, economic, technological, political, legal and physical environments. Elective choices allow students to develop a comprehensive understanding of management, marketing and planning theories and practices in the context of specific tourism industry sectors.

Students are advised to enrol in the Professional Internship (Capstone) subject in the Autumn semester of their final year.

Completion requirements

	•		
27184	Dimensions of Tourism		6ср
27185	The Tourist Experience		6ср
27348	Critical Issues in Global Tourism		6ср
27648	The Tourism Business		6ср
27523	Planning for Sustainable Destinations		6ср
27350	Professional Internship (Capstone)		6ср
Select 12 c	redit points from the following options:		12cp
27324	Strategic Management in Leisure, Sport		
	and Tourism Organisations	6ср	
27642	Tourism Marketing	6ср	
27647	Airlines and Transportation Management	6ср	
27327	Tourism and Sustainability	6ср	
27116	e-Marketing and Management of Services	6ср	
27347	Hotel Management	6ср	
27346	Tour Operator and Wholesaling		
	Management	6ср	
27141	Sport Tourism	6ср	
27703	Event Management	6ср	
		Total	48cp

MAJ08445 Sport Management

This major provides a comprehensive understanding of management and marketing theories and practices in the increasingly dynamic and specialist contexts in which sport is played, organised and managed. Graduates possess knowledge and skills in the management of sport experiences and resources, marketing and promotion of events, and current issues affecting sport globally.

Students are advised to enrol in the Professional Internship (Capstone) subject in the Autumn semester of their final year.

Completion requirements

27252	The Sport Industry		6ср
27161	Sport Marketing		6ср
27307	Sport Management		6ср
27253	Sport in the Global Marketplace		6ср
27350	Professional Internship (Capstone)		6ср
27100	Current Issues in Sport Business		6ср
Select 12 c	redit points from the following options:	1	2cp
27103	Olympic Games and Mega Events	6ср	_
27703	Event Management	6ср	
27628	Law for Leisure, Sport and Tourism	6ср	
27160	Sport and Exercise Psychology	6ср	
27324	Strategic Management in Leisure, Sport		
	and Tourism Organisations	6ср	
27216	Venue Management	6ср	
		Total 4	8cp

MAJ08446 Human Resource Management

The Human Resource Management (HRM) major is designed to build on the foundations established in the core units of the Bachelor of Business and as such continues to emphasise the four contemporary themes that integrate the degree. It enables students to acquire a knowledge of the theoretical bases of HRM and employment relations, as well as developing understandings and competencies associated with the practice of management. The major also provides students with a foundation knowledge of HRM frameworks, both in Australia and internationally, as well as an understanding of the broader context in which organisations operate.

Anti-requisite: MAJ08046 Extended Management, MAJ08438 Management, SMJ08128 Human Resource Management, SMJ08130 Management.

Completion requirements

21555	Human Resource Management	6ср
21036	Managing Strategic Performance	6ср
21407	Strategic Human Resource Management	6ср
21037	Managing Employee Relations	6ср
21440	Management Škills	6ср
21510	The Global Context of Management	6cp
21512	Understanding Organisations:	1
	Theory and Practice	6ср
21505	Human Resource Management (Capstone)	6cp
		Total 48cp

MAJ08476 Management

The Management major aims to develop integrated knowledge and skills for effective leadership and management within a global, decentralised competitive business environment with its increasing emphasis on technology, quality, diversity and sustainability.

Participants acquire knowledge and apply skills in diverse managerial areas such as strategic decision-making, coaching and mentoring others, managing complex change within organisations, intervening within organisations to ensure better health and effectiveness, managing the value chain for greater effectiveness and efficiency and managing for sustainability. Choice of subjects within the major allows students to tailor their requirements for specific application within various sectors, for example, international management, public sector management and third sector management.

Completion requirements

	•	
21012	Governance and Sustainability	6ср
21717	International Management	6ср
21720	Human Resource Management	6ср
21722	Leadership, Coaching and Mentoring	6ср
21741	Managing Operations	6ср
21811	Global Strategic Management	6ср
21827	Change Management	6ср
21854	Innovation and Entrepreneurship	6ср
	•	Total 48cp

MAJ08480 Marketing

The Marketing major develops an understanding so that managers can drive organisational growth through a profitable implementation of marketing thinking and strategies. It develops practical marketing competencies and essential skills to implement marketing oriented strategies that allow companies to improve their performance.

Completion requirements

24710	Buyer Behaviour	6ср
24713	Marketing Channel Management	6ср
24720	Marketing Research	6ср
24736	Marketing Communications	6ср
24742	New Product Management	6cp
24760	Pricing and Revenue Management	6ср
24790	Business Project: Marketing	6cp
24730	Marketing Strategy	6cp
	0 0,	Total 48cp

MAJ08483 Professional Accounting

The Professional Accounting major offers graduates in disciplines other than accounting and non-university qualified accountants, such as TAFE Diplomates with extensive accounting experience, the opportunity to meet the academic qualifications necessary for professional membership of CPA Australia and the Institute of Chartered Accountants in Australia.

Industry demand for work readiness expertise in the accounting profession has never been higher. As well as expecting superior professionals, employers now require accountants to be good team players with excellent interpersonal skills, and a mature understanding of the business environment in which they operate.

Students are provided the opportunity to acquire knowledge necessary for the development of information products to assess an organisation's performance using leading-edge accounting methods and practices. This includes measuring environmental risk, examining the adequacy of governance and control mechanisms, addressing the effectiveness of quality management processes, assessing control over treasury operations, and benchmarking corporate strategy development.

Completion requirements

22705	Management Planning and Control	6ср
22730	Auditing and Assurance Services	6ср
22743	Business Valuation and Financial Analysis	6ср
22748	Financial Reporting and Analysis	6ср
22753	Cost Management and Analysis	6ср
22754	Corporate Accounting	6ср
77938	Introduction to Taxation Law	6ср
77947	Companies and Securities Law	6ср
	•	Total 48cp

MAJ08484 Project Management

Select 48 c	redit points from the following options:		48cp
15315	Project Management Principles	6ср	•
15336	Systems Thinking for Managers	6ср	
15330	Program Management	6ср	
15325	Value Management, Negotiation and	_	
	Conflict Management	6ср	
15346	Governance and Leadership of Project	_	
	Management	6ср	
15327	Managing Project Complexity	6ср	
15314	Project Implementation	6ср	
		Tota	1 48cp

MAJ08517 Management

21491	Cross Cultural Management	6ср
21440	Management Skills	6cp
21510	The Global Context of Management	6cp
21555	Human Resource Management	6ср
21227	Innovation and Entrepreneurship	6ср
21504	Management Capstone	6ср
CBK90876	Electives (Management)	12cp
		Total 48cp

MAJ08860 Engineering Management

In a world where innovation is a key to success, leaders are called to the fore to manage people and projects. The Engineering Management major is designed for students who have a technical background or a keen interest in technology and therefore a strong alignment with analytical approaches. From this platform the objectives are underpinned by the desire to expose students to a broader body of knowledge and range of approaches than experienced in a purely technical framework.

A key issue is the benefit that accrues from supplementing analytical and mathematical modelling approaches with business and social science skills. Much of the value and strength of the Engineering Management major relate to consideration of approaches and

perceptions that are extensions of, or build upon, an engineering/scientific view point. The differences between technocratic approaches and human and societal constructs are brought into sharp focus broadening the perspectives of students.

The major is specifically designed to enhance understanding of the need for technology, people and society to be viewed as closely interrelated aspects of all engineering and business activity.

Awarding of this major on an academic transcript also requires the completion of a graduate project in this broad discipline area.

Completion requirements

	•		
Select 24 c	redit points from the following options:		24cp
49001	Judgment and Decision Making	6ср	-
49002	Managing Projects	6ср	
49003	Economic Evaluation	6ср	
49006	Risk Management in Engineering	6ср	
49016	Technology and Innovation	_	
	Management	6ср	
49306	Quality and Operations Management		
	Systems	6ср	
49309	Quality Planning and Analysis	6ср	
49098	Engineering Financial Control	6ср	
49069	Leadership and Responsibility	6ср	
49680	Value Chain Engineering Systems	6ср	
		Tota	1 24cp

MAJ08914 Human Resource Development

013979	Organisational Learning and Change: Local and	
	Global	6ср
013151	Project Management	6ср
013097	Human Resource Development in Organisations	6ср
013976	Strategic Human Resource Development	6ср
013972	Organisational Learning	6ср
013124	Work and People	6ср
CBK90553	Options	12cp
STM90647	Core subjects	24cp
010076	Professional Practice 1 Organisational Learning	6ср
010077	Professional Practice 2 Organisational Learning	6ср
	Tota	1 84cn

MAJ08915 Management

STM90647	Core subjects	24cp
013097	Human Resource Development in Organisation	ns 6cp
013124	Work and People	6ср
013972	Organisational Learning	6ср
013976	Strategic Human Resource Development	6ср
CBK90788	Options	12cp
STM90772	Management	24cp
	Ī	otal 84cp

MAJ08918 Chile

Chile runs for some 5000km down the west coast mountain spine of Latin America, with the country never wider than 180km. The landscape is extremely varied, with hot deserts in the north, a fertile 'Mediterranean' heartland, and forests, lakes and fjords in the south. Because of its relatively stable pace of export-led growth, Chile is often called Latin America's 'tiger' economy, though much of the population still lives in poverty. Australia is developing strong links with Chile, and Chile is also strengthening ties with Asia through its membership of the Asia-Pacific Economic Cooperation. Despite extreme political experiments during the 1970s, Chile has now recovered its earlier reputation as one of Latin America's most solid and moderate democracies. The country's traditional *mestizo*, creole and indigenous cultures survive alongside the rapid spread of more cosmopolitan influences.

Students spend two consecutive semesters studying social science or language, culture and humanities subjects at one or more institutions of higher education in Chile through arrangements made by UTS: International Studies. The focus of study varies each semester depending on individual student preferences and the availability of subjects at host institutions. Students are assessed on each semester separately and assessment is based on the subjects undertaken at the host institutions, as well as assessments administered by UTS: International Studies.

Students may expect that no greater costs are incurred through undertaking a period of in-country study in Chile than are involved in living away from home in Sydney.

Locations

Santiago

Santiago is the capital of Chile, situated in what is sometimes called the 'Mediterranean heartland' of Chile. It was founded in 1541 on the Mapocho River, and currently has a population of about five million. Santiago is regarded as one of the more pleasant capital cities in Latin America. It has great charm, with old and beautiful buildings, quiet neighbourhoods, parks, markets, galleries and bookshops, and many cultural events of all types. It is also a busy modern city with shopping centres, skyscrapers and an efficient underground railway. On days when the air is clear the snow-capped Andes mountains are in full view. Less than two hours drive away are ski slopes to the east and beaches to the west.

Pontificia Universidad Católica (PUC) de Chile is a private university which ranks as one of the top two universities in Chile. It has a student population of nearly 20,000 and boasts a number of well-known research institutes in fields such as the arts, economics, science and medicine. The university was founded in 1888. As well as a full range of academic faculties with excellent facilities, the university also has a large and well-organised program catering for foreign students. The main faculties are in central Santiago.

www.puc.cl

Valparaiso

Viña del Mar is best known as one of Latin America's oldest beach resorts, and for its annual music festival which attracts artists from all over Latin America. Popular with weekenders from Santiago, Viña is a small well-heeled city with some grand old buildings and parks. Its long sea-front promenade is lined with tall apartment blocks. Twenty minutes south on the coastal road is the historic commercial city of Valparaiso, Chile's principal port and naval base (population 280,000). Though poorer and less smart than Viña, Valparaiso is in many ways more interesting historically and culturally. The city is crescent shaped, following the curve of the bay, and rises up steeply into chaotic old neighbourhoods perched on hillsides and accessed by antique funiculars.

Universidad Adolfo Ibáñez is a modern and prestigious private university. It began life in 1953 as a business school, acquiring an international reputation for advanced business and management studies in collaboration with universities such as Harvard and Stanford. Its MBA program is considered one of the best in Latin America. In 1989 it became a university with faculties of Humanities, and Science and Technology; schools of Psychology, Government and Journalism; Business School and Law School; and an Institute for Political Economy. Foreign students are based in the original campus located in the comfortable Recreo neighbourhood overlooking Viña del Mar and Valparaiso.

www.uai.cl

Completion requirements

976001	Foundations in International Studies	8cp
976502	Contemporary Latin(o) Americas	8cp
977520	In-country Study 1: Chile	24cp
978520	In-country Study 2: Chile	24cp
CBK90484	Spanish Language and Culture	32cp
	1 0 0	Total 96cp

MAJ08919 China

China is one of the world's oldest and most influential civilisations. Since the 1980s, when the Chinese Government embraced a program of economic development and greater international openness, it has also had one of the world's fastest growing economies. As host for the 2008 Olympics, China focused the world's attention on its remarkable rise as a major economic and political power of the 21st century. These characteristics, and its expanding influence in the Asia-Pacific region, make the study of China and Chinese culture important for Australia.

After completing a set program of study at UTS and through arrangements made by UTS: International Studies, students spend two consecutive semesters studying at one of the following universities:

- Shanghai University, Shanghai
- Shanxi University, Taiyuan
- Tianjin Normal University, Tianjin
- Yunnan Normal University, Kunming

Zhejiang University, Hangzhou. In both semesters the focus is on the study of language and culture. Students are assessed separately on each semester and assessment is based on the subjects undertaken at the host institutions, as well as assessments administered by UTS: International Studies.

Students may expect that no greater costs are incurred through undertaking a period of In-country Study in China than are involved in living away from home in Sydney.

In exceptional circumstances, students with advanced skills in Chinese are excluded from the Chinese Language and Culture program and are required to substitute other appropriate subjects from the list of approved alternative subjects. These subjects may be other subjects on offer in the international studies program, including those relating to the study of contemporary society, or those focusing on another language and culture. Students need to obtain the approval of the head of UTS: International Studies before they can vary any of their subjects of study in the program.

Locations

Hangzhou

Hangzhou is the capital of Zhejiang Province on China's eastern seaboard, 180km south-west of Shanghai. As a former national capital, famous for its rich culture and the beautiful West Lake, Hangzhou's mild climate makes it one of China's most pleasant cities to live in. It is the home of the Chinese silk industry (there is a vast silk market in the centre of town) and a major tea centre, producing the famous Dragon Well Tea.

Hangzhou's Zhejiang University, founded in 1897, is one of the oldest and largest universities in China, and particularly well known for its studies of engineering, ophthalmics and economics. It has more than 33,000 full-time students and over 10,000 staff members, with 20 faculties (schools) and 97 majors for undergraduate students, 194 master's degree programs and 106 doctoral programs. The university has a purpose-built overseas student dormitory on campus and has proven to be one of the most popular in-country study destinations for students in UTS: International Studies' China program.

Kunming

Kunming is the capital city of Yunnan Province in south-western China, bordering Burma, Laos and Vietnam. Known in China as 'spring city' for its year-round pleasant weather, Kunming's location offers access to Yunnan's scenic beauty and diverse ethnic minority cultures.

Founded in 1946, Yunnan Normal University developed during World War II from the Teachers' College of the Southwest Associated University, established through a merger of Beijing University, Qinghua University and Nankai University - the three best universities in China at that time. Yunnan Normal University is known for its strength in the areas of education and studies on the cultures of minority nationalities in south-western China. With the UNESCO-sponsored Southwest China In-service English Training Centre on its campus, it has established strong international links and has more than 5000 full-time students and 6000 adult students, with 14 faculties/departments. The university has a purpose-built overseas student dormitory on campus.

Shanghai

Shanghai, situated on the Yangtze River Delta in east China, is the largest city of the People's Republic of China and the eighth largest in the world. It is one of China's most important cultural, commercial, financial, industrial and communication centres. Shanghai is also one of the world's busiest ports. Considered by many as China's most cosmopolitan and sophisticated city, its skyscrapers and modern lifestyle highlight China's recent economic development.

Shanghai University is a public, comprehensive university. One of China's leading research universities, it ranks among the top 50 in most national rankings. In-country study students study Mandarin at the Yanchang campus.

Taiyuan

Shanxi Province in northern China is the cradle of Chinese culture. Approximately 75 per cent of the surface architecture from ancient China is found in the province. These sites have become important research and tourist attractions for those seeking to understand Chinese culture and history. Surrounded by mountains on three sides and situated on a tributary of the Yellow River, Taiyuan is one of China's most important industrial bases, and also famous for its noodles and vinegar.

Shanxi University, located in the provincial capital, Taiyuan, was founded in 1902 and is one of the three earliest established national universities in China. It offers a wide range of degree, diploma and certificate courses in the fields of liberal arts, sciences, engineering, management, arts and physical education. The university has established intercollegiate relationships with 38 colleges and universities and research institutions around the world.

Tianjin

Lying 120km south-east of Beijing, Tianjin is one of the four municipalities in China directly under the administration of the central government. It is the largest open seaport and one of the most important industrial, commercial and cultural centres in north China. It was once a treaty port with large areas claimed by Western powers as concessions, and many European-style structures have survived intact. Since the 1980s, Tianjin has been in the forefront of China's opening to the outside world and currently more than 8000 foreign-funded firms operate in the city.

Founded in 1958, Tianjin Normal University is the key comprehensive teachers' training institution in Tianjin. It is well known for studies in the areas of development psychology, as well as languages and culture. It has more than 5000 full-time students and 2000 adult students, with 14 faculties/departments. The university has a purpose-built overseas student dormitory on campus.

Semester dates for Chinese universities are Spring (late February to late June) and Autumn (early September to mid January).

Completion requirements

976001	Foundations in International Studies	8cp
976111	Contemporary China	8cp
977110	In-country Study 1: China	24cp
978110	In-country Study 2: China	24cp
CBK90480	Chinese Language and Culture	32cp
	0 0	Total 96cp

MAJ08920 France

France is known for its key role in the history and development of European culture and its rich traditions from literature and the arts through to cuisine, sport and style. Modern France, while preserving a strong link to the land, is at the forefront of many technological advances. A leading international player, its recent Republican history has enabled it to remain fiercely independent and at the same time central to the European Union. Geographically diverse, it is said France offers all the landscapes of Europe in microcosm. From the Mediterranean to the English Channel, each region has a strong identity, often retaining ties with older cultures and its many neighbours.

Students spend two consecutive semesters studying at one of the following universities or institutes:

- Université Michel de Montaigne Bordeaux 3, Bordeaux
- Université de Caen Basse-Normandie, Caen
- Télécom and Management SudParis, Évry
- Université Lumière Lyon 2, Lyon
- Université de Poitiers, Poitiers
- Université de Reims Champagne-Ardennes, Reims
- Université Rennes 2 Haute Bretagne, Rennes
- Université de Strasbourg, Strasbourg
- Université de Toulon et du Var, Toulon.
- Université de la Nouvelle Calédonie, Nouméa.

The location and content of each student's period of in-country study in France is determined by the level of their language competence in French. Generally speaking, students who have a sound working knowledge of French before their entrance to UTS (usually defined as HSC 3-unit or a good pass in 2-unit French) can study at any of the abovementioned universities. Such students study an appropriate two-semester program of host university subjects broadly relating to French and Francophone language, society and culture.

All other students spend a first semester engaged in the study of language and culture at the universities offering special language programs, going on to a second semester of subjects chosen more broadly from the university's curriculum. Special language provision is currently available at Bordeaux's Département d'Etudes de Français Langue Etrangère (DEFLE), Caen's Centre d'Enseignement du Français pour Etrangers (CEFE), Lyon's Centre International d'Etudes Françaises (CIEF), Poitiers's Centre de Français Langue Etrangere (CFLE), Rennes's Centre International Rennais d'Etudes de Français pour Etrangers (CIREFE) and the Centre International d'Etudes Françaises (CIEF) in Reims.

Students are assessed on each semester separately. Assessment is based on the subjects studied at the host university, as well as project work and other tests administered by UTS: International Studies.

Students in France are charged a non-refundable state medical insurance fee (sécurité sociale) for each semester of study. Details may change, but students should set aside a total of around A\$800 for this cost, which UTS: International Studies is unable to meet on students' behalf.

Students should be aware that costs of living in France are generally slightly higher than in Australia, though the cost of student accommodation is very reasonable.

Locations

Bordeaux

Capital of Aquitaine, Bordeaux is a city known largely for its wine production and its port. Situated on the river Garonne, it is close to the Pyrenees in the south-west of France, and also within range of the Atlantic beaches. Its heritage is reflected in the 18th century architecture and impressive literary and artistic tradition.

The Université Michel de Montaigne has a strong emphasis on French art and culture, with teaching covering literature, philosophy, history, art history and archaeology, geography, and languages. The campus, nestled among vineyards, is a bus ride from the city centre. There is an excellent modern language centre, and accommodation options include privately rented flats in the city.

Caer

Caen is located in Normandy, near the north coast of France. The city is built of golden stone and is rich in historical associations, which range from abbeys and a chateau commenced by William the Conqueror, through to the D-Day beach landings of World War II.

The university is over five centuries old, but the original buildings, like much of the city, were destroyed during World War II. It is now housed in impressive structures built with international funding around 1950, and the university's emblem is the phoenix as a symbol of rebirth. It has 26,000 students, and faculties of Political Science, Law, Economics and Management, Psychology, History, Physical Science and Sport, as well as a number of teaching institutions. It has highly respected, well-developed language and cultural programs conducted through its associated language centre. Accommodation is available in studios or residences.

Evry

Situated just south of Paris, Evry is a new town which combines a number of existing villages with more modern buildings. It is home to the Cathédrale de la Résurrection, constructed in 1995, and is close to the much debated Disneyland-Paris.

Télécom and Management SudParis, strictly speaking part of the prestigious grande école system rather than a university, offers a range of teaching, research and consultancy activities in the fields of management and engineering. Particular strengths include mobile communications, information systems, multimedia and marketing. Students from UTS typically follow a combination of language classes, human sciences options with relevance to French culture and society, and intercultural communications programs, with additional options in the professional subjects where appropriate. Accommodation is available in modern studios with internet access.

Lyon

The Lyon region is a fast-growing area of the French economy. It is well integrated with European markets as well as being well-placed for physical contacts with Germany, Italy and Switzerland, all of which are relatively easy to access by road. Lyon itself is a large provincial city, with late medieval and 19th century precincts, including the picturesque silk manufacturing area of La Croix Rousse, as well as extensive modern development.

The original Université de Lyon was established last century, with the arts and humanities elements becoming the national Université Lumière, Lyon 2 in the early 1980s. The university has a campus in the centre of the city, situated on the banks of the Rhone, and another much larger at Bron, about 30 minutes from the city centre. Subjects cover a range of disciplines from communication and sociology to education, tourism and economics. Private accommodation is readily available.

Nouméa, New Caledonia

New Caledonia offers a very different version of 'Frenchness'. Designated by the French government as a 'Pays d'Outre Mer' (overseas country), the group of Pacific islands retains administrative and cultural links with France, reflecting its 150-year colonial history. The current population of 200,000 comprises Kanaks, descendants of European settlers, other Pacific islanders, and people who trace their heritage back to other former French colonies. Many of the Kanak population maintain aspects of traditional cultures side-byside with contemporary Western social and cultural infrastructures. As the capital, Nouméa serves as a relay point between the various communities on the islands, and between New Caledonia and the wider world.

Université de la Nouvelle Calédonie, founded in 1999, offers courses in law, economics, management, humanities, languages, social science

and science. It has a campus on the peninsula of Nouville, and another at Magenta in the eastern suburbs of Nouméa. The Nouville campus is adjacent to a French language school, CREIPAC, with which the university has an agreement.

www.univ-nc.nc

Poitiers

Situated not far from the Atlantic coast, Poitiers retains an old city centre boasting many of the finest Romanesque churches in France. At the other end of the spectrum, it is also home to the futuristic theme park Futuroscope. Nearby attractions include the holiday resort of La Rochelle, the island of Oléron, and Angoulême, home of France's national comic books museum.

The university, founded as long ago as 1431, has made a full contribution to European thought, with writers such as Descartes and Francis Bacon having studied there. Today it offers an up-to-date multidisciplinary education with strengths in human sciences and the arts, language and literature, sciences and law and new technologies. There is a strong interest in new technologies and language learning, and accommodation possibilities include city centre apartments.

Reims

Reims is in the heart of the world-famous Champagne region. It is not a large city, but has a key role in French history, and consequently it attracts substantial numbers of tourists because of its cathedral and its associations with Joan of Arc, the King of France and the Holy Roman Emperor. Reims is about one-and-a-half hours from Paris by train and is close to Belgium.

The Université de Reims, Champagne-Ardenne is a comprehensive national university and has faculties of Science, Applied Science, Health Sciences and Engineering, Arts and Humanities, with special research interests in local and regional politics, literature and identity, and, of course, wine-making. The current university dates from the post-war era and at present has about 30,000 students who attend a number of different campuses spread throughout the city. Accommodation possibilities include private rentals.

Rennes

Rennes is the capital of Brittany and the centre of Celtic culture and traditions in France. It has a population of about 330,000, of whom 60,000 are students. Rennes is a mixture of late medieval, timbered buildings and elegant 18th and 19th century urban planning. The Atlantic coast is less than an hour away, and Paris is a two-hour trip by TGV (high-speed train).

The present university was established in 1969 and is one of two universities in Rennes. It has 21,000 students enrolled in five faculties: Languages, Social Sciences, Arts/Letters/Communications, Human Sciences (including linguistics, psychology, education and sociology), as well as classes in Breton language and culture, physical education and sports. Students at Rennes often take classes in the French Language and Culture Centre. Accommodation is available in residences or privately.

Strasbourg

Strasbourg calls itself 'the capital of Europe'. It is the location of the European Parliament and the Council of Europe, and is a centre for economic development, which is rapidly expanding and progressing. Strasbourg has great pride in its local identity, but is also very cosmopolitan. The city has extensive late medieval sections, an imposing Gothic cathedral and impressive modern buildings created for the European institutions located in Strasbourg. With the recent merger of its three universities, Strasbourg has a student population of around 50 000

The university has a Faculty of Law, plus institutes for Political Science (IEP), Business and Management Studies (EMS); UTS: International Studies has exchange agreements with each of them. As expected, fields of study offered include options with a focus on Europe and the European Union. The university does not have a single campus, but most of its buildings are close to the centre of the city, in an area of strong German architectural influence, built in the late 19th and 20th centuries. Accommodation options include private studios or shared apartments.

Toulon

Toulon is a port city on the Mediterranean coast, with an impressive naval history. Toulon is part of the French Riviera, with Nice and Marseilles within easy train trips, and the Provençal hinterlands a short drive away. Université de Toulon et du Var is located at La Garde, a modern suburb that has grown from an old town approximately 10km from the port area of Toulon and 5-15km from some of the best beaches in Europe.

The university was established in 1968 and has approximately 10,000 students enrolled in five faculties: Law, Arts, Economics and Management, Science and Technology, and Engineering. The Université de Toulon also has an associated Technological Institute. The programs at Toulon are ideally suited to business and law students. Accommodation options include residences, and privately operated studios very close to the campus and the 'Grand Var' shopping complex.

Completion requirements

976001	Foundations in International Studies	8cp
976411	Contemporary France	8cp
977410	In-country Study 1: France	24cp
978410	In-country Study 2: France	24cp
CBK90483	French Language and Culture	32cp
		Total 96cp

MAJ08921 Germany

Germany is the largest country in the European Union. Historically, it has linked Slavic Eastern Europe with Western Europe. This function of Germany as the bridge between West and East still plays a very important role in European political and economic developments. Germany is well known as a major economic power in the world and also has a rich and varied culture and artistic heritage: from some of the world's most influential modern philosophers, such as Nietzsche and Adorno; to the cream of classical composers like Bach and Beethoven. German is the native language of about 100 million people, the official language of Germany, Austria, Luxembourg and Liechtenstein and one of the official languages of Switzerland. It is also the most common *lingua franca* in Eastern Europe.

There are no restrictions on entry to the Germany major of the International Studies program. Students who already have a sound working knowledge of German on entry to UTS have more options for the development of their study program when they undertake in-country study in Germany, however, it is also possible to enter the Germany major with no previous knowledge of the German language.

Through arrangements made by UTS: International Studies, students spend two consecutive semesters studying at one of the following universities:

- Georg-Augustus Universität Göttingen, Göttingen
- Technische Universität Berlin, Berlin
- Universität Karlsruhe, Karlsruhe
- Universität Konstanz, Konstanz
- Universität Potsdam, Potsdam
- Universität Regensburg, Regensburg
- Universität des Saarlandes, Saarbrücken
- Universität Tübingen, Tübingen.

The location and content of each student's period of in-country study in Germany is determined by the level of their language competence in German. Generally speaking, students who have a sound working knowledge of German before their entrance to UTS (usually defined as HSC 3-unit or a good pass in 2-unit German) can study at any of the abovementioned universities. Such students study an appropriate two-semester program of host university subjects broadly relating to German language, society and culture. All other students spend a first semester engaged in the study of language and culture at the universities offering special language programs, going on to a second semester of subjects chosen more broadly from the university's curriculum. Students are assessed on each semester separately and assessment is based on the subjects undertaken at the host institutions, as well as project work administered by UTS: International Studies.

The costs of living in Germany are generally slightly higher than in Australia. On the whole, accommodation is cheaper than in Sydney but eating in restaurants is considerably more expensive. It is, however, possible to spend a year there on an amount roughly comparable to living away from home in Sydney.

Locations

Göttingen

Göttingen, a city of around 130,000 inhabitants, lies in the geographical heart of Germany. The city is over one thousand years old, and was an important Hanseatic commercial centre in the Middle Ages. It suffered from the effects of the Thirty Years' War in the 17th century, but in 1737 George II, King of England and Elector of Hanover, founded a university there, and today Göttingen is one of Germany's best renowned university towns. The brothers Grimm, world-known for their collection of fairy tales, worked in the impressive Göttingen

library. More than 40 Nobel Prize winners lived and worked in Göttingen in the 20th century, and the city's lively, cosmopolitan feel is, in large part, the product of the prominent role played by science and education in the past and present, and to the large proportion of students.

Approximately 24,000 students are currently enrolled at the Georg-Augustus University Göttingen. This includes almost 3000 international students. There are 13 faculties and around 170 departments, with over 2000 academic staff. The university is particularly eminent in the natural sciences, but also has a strong tradition in the humanities and social sciences. The faculties encompass Agriculture, Biology, Chemistry, Forestry and Forest Ecology, Geosciences and Geography, Mathematics, Physics, Law, Social Sciences, Economics and Business Administration, Theology and Arts. The Medical Faculty is one of the largest in Germany.

Berlin

Berlin is Germany's historical and present-day capital city and is the country's largest and ethnically and culturally most diverse city. It is a major centre of culture, politics, media and science and is a very popular tourist destination within Europe. The city of Berlin is home to world-renowned museums, universities and research institutes as well as numerous sporting and cultural events. Famous for its festivals, contemporary architecture, nightlife and avant-garde arts Berlin is an exciting, cosmopolitan and increasingly global city to live and study in.

The Technische Universität Berlin is located in the central west of the city in the Charlottenburg district on Strasse des 17 Juni.

Internationally renowned, TU Berlin has a history which spans back to 1770 and has the distinction of being Germany's first technical university. TU Berlin is home to almost 30,000 students and possesses the highest percentage of international students of any German university. Research and teaching at the TU Berlin covers a range of academic disciplines, including engineering and natural sciences, economics, the humanities and social sciences. Semester dates are early April to mid July (Summer semester) and early October to mid February (Winter semester).

www.tu-berlin.de

Karlsruhe

Karlsruhe was established in 1715. Its urban planning, unique in the early 18th century with its streets and avenues radiating like sunbeams in all directions from the palace, is still visible and facilitates orientation. The city is located in the Rhine Basin. It borders on the Black Forest and is in easy reach of France. It is mainly a city of trade and administration. Several significant research and development institutions have contributed to giving Karlsruhe a leading position in international high-tech development. This region, between the Black Forest and the River Rhine, has the highest per capita number of researchers in Germany. Karlsruhe is also well known for being the home of the two highest federal courts of Germany: the Supreme Constitutional Court and the Court of Appeals. However, this is not to say that cultural events are a rarity. The 'Badisches Staatstheater', the concert hall, several museums, art galleries, the 'Barockschloß', libraries and the internationally significant 'Zentrum für Kunst und Medien' (a centre for art and media) offer a great variety of events for those who love art, music and theatre. Tennis courts, soccer fields, public swimming pools, ice skating rinks, golf courses, riding stables, biking and hiking trails, and airports for recreational pilots are also available for sports fanatics.

The École Polytéchnique in Paris was the forerunner of and model for this university, which was founded as a polytechnic on 7 October 1825. Taking its first students in 1832, the polytechnic was expanded and reorganised, in 1967 renamed University Karlsruhe, but retaining its 'Technical School' title as well. Today the University Karlsruhe is a large and modern institution for teaching and research. Engineering and natural sciences, business administration and engineering courses are definitely the strongest university programs here. About 17,000 students currently study at Karlsruhe, 15 per cent from foreign countries. Research innovations are in information and communication technologies, energy techniques, automation and assembly techniques, and environmental research. Faculties include Business Administration, Humanities, Bio- and Geo-Sciences, Mathematics, Physics, Chemistry, Architecture, Engineering, Chemical Engineering, Computer Science and Information Technology. There are plenty of extracurricular activities on campus: the students' cultural centre, the Collegium Musicum, the university choir, the symphony orchestra, the university big band, the academic flyers, the academic sailing club, and the solar vehicle.

Konstanz

Konstanz is a small city in the south-west of Germany. It has a very picturesque medieval centre and the city is adjacent to the Swiss border, Lake Constance and the Rhine. It is an exceptionally prosperous part of Germany with a very long history. The climate of the Alpine foothills is mild, and the region belongs to those German areas with the most amount of sunshine. The Black Forest can be reached in about one hour, and Konstanz prides itself on being an ideal starting point for mountain trips into the Swiss, Austrian and German Alps.

University Konstanz was established in 1966. A central concept has been the principle of developing 'teaching on the basis of research' and making the courses very student-oriented. This has led to University Konstanz being heralded a model university. A significant expression of this spirit of reform was the establishment of a university library accessible on a 24-hour basis. From its inception, University Konstanz focused on new courses of studies and study-models designed to encourage interdisciplinary cooperation. It is most famous for its departments of Economics, Public Policy and Cultural Studies. Currently there are about 10,000 students enrolled in over 40 degree programs. The campus is located on a hill about 10 minutes by bus from the city, on the shores of Lake Constance. Faculties include Humanities, Social Sciences, Education, Economics, Law, Mathematics, Physics, Chemistry, Biology, Psychology, and Computer Information.

Potsdam

Potsdam became the capital of the state of Brandenburg after German unification in 1990. It is located on the Havel River, and borders on the south-west suburbs of Berlin. In the 17th and 18th centuries Potsdam was the residence of the royal family of Prussia. The Sans Souci Palace and the New Palace, both built by Friedrich II in the middle of the 18th century, are among the architectural wonders of the city. It is Germany's main centre of film production, with a famous studio in Babelsberg and an equally prominent College of Film and Television.

University Potsdam was established in 1991 and is one of the youngest universities in Germany. It aims at being a 'small but excellent' institution of higher education with a traditional, generalist profile for 12,000-15,000 students. About 250 professors and 600 other fulltime academic staff are engaged in teaching and research. Special emphasis is put on the four 'flagship' areas: general linguistics, including computer linguistics; history, with a focus on modern history and European Judaism; science and mathematics; and the Potsdam teacher training model. This last area offers an integrated and overlapping education as well as comprehensive, advanced training for the teaching profession. The university is located in the parklands surrounding the elegant palaces. Despite its historical ambience, Potsdam is becoming one of the most modern venues in Germany for research in science and technology. Faculties include Law, Mathematics and Science, Arts, Human Sciences, Economics and Social Science.

Regensburg

The city of Regensburg spreads along the banks of the Danube. Once the Bavarian capital, Regensburg offers the remnants of 2000 years of cultural history. It was founded by the Romans in the second century AD and became a very wealthy merchant city in the Middle Ages. It served as the seat of the Imperial Diet of the Holy Roman Empire of the German Nation for almost three centuries until the empire was dissolved in the defeat of the Napoleonic war in 1806. It is one of the most captivating cities in Germany. The richness of history and the artistic wealth of the city have had a conspicuous influence on daily life. Fortunately escaping destruction in World War II, it remains today a magical blend of the old and the new. The first stone bridge to span the Danube, the 'Steinerne Brücke', as well as the cathedral still retain their original character in perfect intactness. Today Regensburg is said to be the most beautiful medieval city in Germany and has one of the highest productivity rates in all of Germany. Munich is easily reachable by train in about one hour.

Founded in 1962 as the fourth fully-fledged Bavarian university, University Regensburg comprises 12 faculties, providing a full range of academic subjects. In 1989 the university established a new course of studies: biochemistry. In 1994, business informatics (Wirtschaftsinformatik) was added together with an attached non-profit Institute of Banking Informatics. Training in electronic data processing, foreign languages, rhetoric and presentational skills is offered to students of all faculties to further prepare them for the modern working world. At present, about 16,000 students are enrolled at University Regensburg. The campus atmosphere and the short distances between buildings are conducive to a more efficient way of studying. The university library holds more than three million

volumes. The university's attractiveness is also due in part to the charms of the historical city and the beautiful surrounding landscape. Leisure activities include a multitude of cultural activities on campus. There are, for instance, 11 student theatre groups performing regularly, thus benefiting from the fact that University Regensburg is one of only two within Germany to have its own theatre. Faculties include Catholic Theology, Law, Business, Economics and Management Information Systems, Medicine, Humanities I (Philosophy, Fine Arts, Physical Education), Humanities II (Psychology and Education), Humanities III (History, Social Sciences and Geography), Humanities IV (Languages, Literature and Linguistics), Mathematics, Physics, Biology and Pre-Clinical Medicine, Chemistry and Pharmacy.

Saarbriicken

Saarbrücken is the capital of the Saarland, a state located on Germany's border with France and Luxemburg. Indeed, on two recent occasions, in the 1930s and the 1950s, the Saarland held plebiscites on its preferred location in France or Germany. Many of the inhabitants are bilingual, and Saarbrücken prides itself on being one of Europe's 'crossroads'. It is possible to reach most of Europe easily from here. Trier and Luxemburg are to the north, Metz to the west and Frankfurt to the east. Once a coal-mining area, today Saarbrücken is among the leading centres for the study of artificial intelligence, and it hosts a considerable number of enterprises in the field of advanced technology. It is the base of the glass and ceramics giant Villeroy Bosch.

The university was founded in 1948 with French assistance. The special situation of the Saarland at that time (its partial political autonomy and its close association with France as a result of economic and monetary union) strongly influenced the early years of the university's development. The special relationship with France remains a special feature of Universität des Saarlands' character. A comprehensive system of reciprocal recognition creates the opportunity to study simultaneously for degrees in both countries. In the departments of German and Romance Languages and Literature, besides gaining German degrees, students can study for the French Licence and Maîtrise d'Allemand or Licence de Lettres Modernes. Similar objectives are found in the program of Cross-Border Franco-German Studies, which is conducted in collaboration with the Université de Metz. The field of information and computer science in Saarbrücken enjoys a worldwide reputation. Currently Universität des Saarlands has some 17,000 students, with 290 professors and 800 other full-time academic staff. The university's faculties include Law, Economics, Information Technology (legal and business IT), Medicine and Humanities.

Tübingen

This tranquil, picturesque university town, just 35km south of Stuttgart, is a place to wander winding laneways, past half-timbered houses and old stone walls. The university is more than 500 years old and has always played as much of a role in characterising the city's outward appearance as it has in weaving its inner social fabric and its economic structure. Today's students are the proud custodians of a rigorous liberal intellectual tradition, and can be seen in every café plotting earnestly to save the world. With an overall population of 85,000 and a presence of some 26,000 students, Tübingen has the largest 'student density' of all German university towns. It is not only an intellectual city where major contributions to European intellectual history were written, but also a very romantic town.

In 1477, Eberhard im Bart, Count and later Duke of Württemberg, established the founding tenets of University Tübingen, which the institution has followed to this day. Today, the university's character is marked by an awareness of tradition and a cosmopolitan atmosphere. The university's academic reputation is determined by the research achievements of more than 700 professors and about 2000 other fulltime academic staff. The tradition of the old universitas scientiarum, encompassing a wide variety of fields from theology, jurisprudence and philosophy to economics, the social sciences, languages and cultural studies and to medicine, mathematics and the natural sciences, is conducive to an effective interdisciplinary cooperation between these fields. The University's faculties include Protestant Theology, Catholic Theology, Law, Economics and Business Administration, Medicine, Philosophy, Social and Behavioural Sciences, Modern Languages, History, Cultural Sciences, Mathematics, Physics, Chemistry and Pharmacy, Biology, Geosciences and Informatics.

976001	Foundations in International Studies	8cp
976421	Contemporary Germany	8cp
977420	In-country Study 1: Germany	24cp
978420	In-country Study 2: Germany	24cp
CBK90485	German Language and Culture	32cp
	0 0	Total 96cp

MAJ08923 Italy

Italy (population 60 million) is a country of south-central Europe, occupying a peninsula that cuts deep into the Mediterranean Sea. The mountainous landscape had a profound impact on the country's political and economic development, fostering throughout history the creation of many independent states. Italy's history as an independent, democratic state is relatively recent, dating back to 1946. Since World War II, increasing numbers of Italians have moved from the countryside to the rapidly industrialising cities, thus generating significant and often abrupt transformations of traditional ways of life. Italy is often dubbed the world's 'living art gallery', where history and culture surround you on every step. At the same time the countryside preserves most of its poetic beauty and agriculture still plays a substantial role in the overall economy.

Students spend two consecutive semesters studying language and culture at a university in Italy through arrangements made by the Institute for International Studies. Students are assessed on each semester separately and assessment is based on the subjects undertaken at the host institutions, as well as project and essay work administered by UTS: International Studies.

Students may expect that slightly greater costs will be incurred through undertaking a period of In-country Study in Italy than are involved in living away from home in Sydney and that these costs vary from location to location and fluctuate with exchange rates.

Locations

The Italy major has provision for both beginners and those who have previously studied Italian. The choice of location depends primarily on the level of Italian language proficiency attained by each student prior to their period of In-country Study.

Bergamo

Bergamo (population 140,000) is situated in central Lombardy, 50 km east of Milan, at the foot of the Alps. *Città alta*, the old part of the town, built inside the 16th-century Venetian walls, is rich in historical and artistic sites, while *città bassa*, the lower part of the town, is built on the edge of the Po Valley. The province of Bergamo is one of the richest in Italy. Relatively modern, Bergamo *bassa* is connected by a funicular railway to spectacular and historic Bergamo *alta*, 400 m above the plain. Bergamo *alta* is the main attraction for tourists and a weekend destination for the Milanese. Local particularities include a complex dialect, now spoken mainly by older natives of the town.

Università degli studi di Bergamo has been a state university since November 1992. Before then it was the Istituto Universitario di Bergamo, set up in 1968. It is a relatively small university with about 7,000 students and 147 teaching staff. It has three faculties: Foreign Languages and Literatures, Economics and Business Administration, and Engineering. Two courses of particular interest for International Studies' students are History of the Italian Language and Italian Literature.

www.unibg.it

Bologna

Bologna (population 380,000) is one of the most vibrant Italian cities. Nestled at the centre of the rich and lively Emilia-Romagna region, Bologna boasts splendid monuments, a lifestyle well above the Italian average and a huge offering in terms of culture, sport and entertainment. The students in the city provide a dynamic atmosphere that is missing in smaller Emilian cities. Originating as an Etruscan town in the 6th century BC, Bologna became a European intellectual centre with the founding of its University in 1088. The historical centre is one of the best preserved in Italy, with churches and palaces dating back to the Renaissance, the Baroque and the 18th and 19th centuries. Bologna is also a very important industrial centre. The climate can be very cold in the winter. Bologna is also close to the Riviera Adriatica, with seaside resorts attracting numerous tourists in the summer months.

Università degli studi di Bologna, founded in 1088, is one of the oldest universities in the world. With around 80,000 students, it is also one of the biggest in the country. Among its teaching staff are world-famous public figures such as Romano Prodi and Umberto Eco. The faculties are Agriculture, Cultural and Conservation Studies, Economics, Education, Engineering, Foreign Languages and Literature, Industrial Chemistry, Law, Literature and Philosophy, Mathematical, Physical and Natural Sciences, Medicine and Surgery, Pharmacy, Political Science, Psychology, Statistics and Veterinary Science. Of particular interest are the courses offered by Discipline delle Arti, della Musica e dello Spettacolo (DAMS) (Performing Arts, Music and Mass Communications), as well as the Faculty of Law, the oldest in the world.

www.unibo.it

Catania

Catania (population 376,000) is the second largest city in Sicily, situated between the slopes of Mount Etna and the Ionian Sea. The history of the city has been conditioned by a succession of foreign dominations and the unpredictability of Etna. Catania was repeatedly destroyed over the centuries by eruptions and earthquakes, the most devastating taking place in 1693. In recent years Catania has seen a growth of tourism, due to its elegant architecture and a magnificent coastline. Locals are always proud to describe their city as a 'city in black and white', due to the prevalent building technique of combining local lava stone with the white stone from Siracusa.

The University has about 55,000 students, 1,500 academic staff and 1,500 administrative staff. It is the oldest University in Sicily, founded in 1434. The old University building, in which are the administrative offices, is located in the centre of the town. The faculties at Università degli studi di Catania are Law, Political Science, Economics, Medicine, Arts and Philosophy, Mathematical, Physical and Natural Sciences, Pharmacy, Engineering, Agriculture and Education. Of particular interest is the Faculty of Arts, with its long tradition of excellence in teaching and research.

www.unict.it

Genoa

Genoa (population 706,000) is a major Mediterranean seaport in north-western Italy. It is the capital of the Liguria region and the centre of the Italian Riviera. Once a powerful maritime republic and the birthplace of Christopher Columbus, the city is known as La Superba ('proud', 'vain'). Despite the more recent economic decline, Genoa has a grand cultural heritage. Its streets are filled with medieval cathedrals, glorious palaces and Renaissance fountains. It is a wonderfully eclectic city, dominated by an always busy port and the narrow alleyways of the medieval centre. In addition to being a city rich with art treasures, Genoa is attractive for the nearby beach resorts of the Ligurian coastline.

Università degli studi di Genova is a large university with 40,000 students, 1,800 teaching and research staff and about 1,580 administrative staff. It has 12 faculties (including Architecture, Business, Education, Law, Modern Languages, Political Science and Arts) and a number of regional campuses (Imperia, Savona, Santa Margherita Ligure, Ventimiglia, La Spezia and Acqui Terme). The Faculty of Business has a very high standing in the Italian academia, reinforcing Genoa's long-standing tradition in the field of international commerce. Special emphasis is placed on international and maritime subjects, in line with Genoa's tradition as a maritime republic.

www.unige.it

Lecce

Lecce (population 100,000) lies in the southern tip of the heel of Italy in the Puglia region. It has a population of around 100,000 and is home to some beautiful examples of baroque architecture. Many of its buildings are built of the characteristic pietra leccese, a light yellow, easily worked limestone. The region is well known for its clear waters, unspoilt beaches and landscapes and its abundant olive groves. The city's classical remains include an underground burial chamber from the 4th century BC and a Roman amphitheatre. Lecce is also a lively city with elegant shops and a busy nightlife.

Università degli studi di Lecce was founded in 1960. It has more than 25,000 students and eight faculties (Mathematical, Physical and Natural Sciences, Economics, Engineering, Education, Foreign Languages and Literatures, Arts, Conservation of Cultural Heritage and Law). Of special note is the Language Centre and the program of Australian studies. Also, for the artistically minded, there are interesting courses offered by the Faculty of Conservation of Cultural Heritage.

www.unisalento.it

Milan

Milan (population 1.6 million) is the capital of Lombardy, the richest, most industrialised and populous northern region of Italy and arguably the most important commercial and design centre in Europe. Milan carries both the advantages and the disadvantages associated with living in a big city, but the advantages outweigh the potential drawbacks by far. The rich cultural life in Milan offers valuable experiences to students interested in art, film and theatre. As a major European rail hub and a city serviced by two international airports (Linate and Malpensa), Milan provides for easy travelling both within Italy and internationally. Public transport is also excellent.

The Catholic University of the Sacred Heart is the largest private university in Italy, with approximately 35,000 students and 11 faculties (including Business, Law, Arts, Languages, Education and Political Sciences), some of which are located in the nearby cities of Brescia and Piacenza.

www.unicatt.it

The Politecnico, founded in 1863, is a state university with about 39,000 students and only two faculties (Engineering and Architecture). In addition to Milano itself, the Politecnico has campuses in Mantova, Cremona, Piacenza, Lecco, Bovisa and Como. Of special interest to International Studies students are the courses in Industrial Design (product design, communication design, interior design and fashion design) offered at the Bovisa and Como campuses.

www.polimi.it

Libera Università di Lingue e Comunicazione IULM is a relatively small university (7127 students in 2000-2001), founded in 1968 as an Institute for Modern Languages, with the main campus in Milano itself and a regional branch in Feltre (Veneto region). It assumed the status of an autonomous university and its present name in 1998. IULM has two faculties (Foreign Languages and Literatures, and Communication and Entertainment) offering degree courses in translation and interpreting, public relations, sciences and technologies of communication and tourism. It has a modern campus on the city railway line, with facilities which include a Language Centre and a multimedia lecture theatre.

www.iulm.it

Modena

Dating back to the Roman times, Modena (population 180,000) became a free city in the 12th century. Modena was home to Italy's favourite tenor, the late Luciano Pavarotti and car manufacturers such as Ferrari, who test the Formula 1 cars on the racetrack at nearby Florino. Although only 40 km away from Bologna, Modena has a character of its own. The old city's fortified walls, now converted to promenades, give it a pentagonal shape. Notable buildings include the cathedral (begun in 1099), the bell tower (completed in 1319) and the imposing ducal palace (begun in 1634), now a military academy. The Palazzo dei Musei houses the municipal collections, including the Este Gallery and Museum, rich in Renaissance paintings, and the Este Library, noted for its collection of illuminated manuscripts.

Università degli studi di Modena e Reggio Emilia was founded in the first half of the 12th century, after the death of Countess Matilde of Canossa in 1115. Nowadays it has 15,000 students, nine faculties (Law, Arts, Conservation of Cultural Heritage, Medicine and Surgery, Mathematical, Physical and Natural Sciences, Agriculture, Pharmacy, Economics, Business and Administration, and Engineering) and two campuses (Modena and Reggio Emilia). Of particular interest is the area of cultural studies, offered through the Faculty of Arts, which includes courses in cultural anthropology, comparative social systems, history of philosophy, etc.

www.unimo.it

Trieste

Università degli studi di Trieste (population 238,000) is an important port in the Adriatic, capital of the province of the same name. It preserves interesting Roman, Medieval and neo-classic monuments and it is an important centre for artistic, historical and scientific collections. Once the chief port of the Habsburg empire, Trieste is nowadays an important 'gateway to the East', a truly multicultural, vibrant city with a commitment to developing its tertiary and scientific sectors.

Università degli studi di Trieste is a medium-sized university with 25,000 students and 12 faculties spread over three campuses in Trieste, Gorizia and Pordenone. The University is very highly regarded in the scientific and diplomatic studies areas. It also hosts the foremost translation and interpreting school in Europe.

www.univ.trieste.it

Completion requirements

976001	Foundations in International Studies	8cp
976431	Contemporary Italy	8cp
977430	In-country Study 1: Italy	24cp
978430	In-country Study 2: Italy	24cp
CBK90486	Italian Language and Culture	32cp
	5 5	Total 96cp

MAJ08924 Japan

Japan is Australia's single most important trade partner and a major economic power in the Asia-Pacific region. The study of Japan's economy, culture, history and international relations offers an advantage to students pursuing careers in the international business arena. Students interested in modern Japanese culture may also find much to attract and stimulate them creatively.

Through arrangements made by UTS: International Studies, students spend two consecutive semesters studying at one of the following universities:

- Gifu University, Gifu
- Hokkaido University of Education, Hakodate Campus
- Kagoshima University, Kagoshima
- Kyoto University of Foreign Studies, Kyoto
- Kyushu Institute of Technology, Kitakyushu
- Nishogakusha University, Kashiwa, ChibaObirin University, Machida, Tokyo
- Okinawa University, Naha
- Osaka Prefecture University, Osaka
- Sapporo University, Sapporo
- Tokyo Institute of Technology, O-okayama, Tokyo
- Yamanashi University, Kofu
- Yokohama National University, Yokohama.

The location and content of each student's period of In-country Study are determined by the student's level of language competence in Japanese. Students who have near native competency in Japanese prior to undertaking their period of In-country Study are able to attend classes alongside local students in a broad range of subjects. All other students study mostly language and culture subjects, at least in their first semester. Many students take one or two local subjects taught in Japanese as non credit-earning (audit) students.

Students should be aware that the cost of living in Japan is high, but it is possible to do part-time work on a student visa in Japan and some of the Japan In-country Study sites are cheaper than others due to subsidised dormitory accommodation.

Locations

Gifu

The city of Gifu (pop. 410,000) is located north of Nagoya. The cormorant fishing on the Nagara River that flows through Gifu has a history of 1,200 years and attracts many tourists. The major attractions of the mountainous Gifu prefecture lie to the north in the Hida district, which is part of the Japanese Alps famous for their beauty and skiing in winter. The inhabitants of Takayama, the administrative centre of Hida, have long been known for their woodworking skills, and Hida carpenters were in demand to construct imperial palaces and temples in the Kyoto and Nara regions. The tradition continues to this day with the production of furniture and woodcarvings.

Gifu University is a national university founded in 1949. It has five faculties: Agriculture, Education, Engineering, Medicine and Regional Studies. Gifu University has about 6,000 undergraduate and 1,200 postgraduate students. Most UTS students take the Japanese language and culture subjects which are run by the International Students Centre. The Centre offers an intensive Japanese language course that UTS students are encouraged to join, at least for their first semester. The University is on the outskirts of the small city of Gifu so has a relaxed atmosphere, but is only about an hour's travelling time away from the bustling metropolis of Nagoya. There is a handful of other students from English language backgrounds at Gifu University, but it is still a good environment for learning to live in the Japanese language.

Hakodate

Hokkaido is the northern-most and second largest of Japan's four main islands. Hakodate is a port city with a small population and a relaxed atmosphere.

Hokkaido University of Education, Hakodate, is a national university founded in 1876. Its academic strength lies in the area of education. The University has about 6,000 undergraduate students spread over five campuses, each located in a principal city of Hokkaido: Sapporo, Hakodate, Asahikawa, Kushiro and Iwamizawa. It has five undergraduate programs: Elementary School Teachers, Junior High School Teachers, Kindergarten Teachers, Children with Intellectual Disabilities, and Integrated Arts and Sciences at Hakodate College. The University hosts only a small number of overseas students each

year, the majority of whom are from non-English-speaking countries. Japanese language classes are organised to suit the level of students. In-country Study students live in the university dormitory located a short bike ride from the campus. The University is best suited to students in the Faculties of Education, Humanities and Social Sciences, and Business.

Kagoshima

Known to the Japanese as the Naples of Japan, Kagoshima (pop. 536,000) is the southern-most major city in Kyushu. It is a sunny and relaxed place with a long hot, humid summer and a short winter. Overlooking the city across Kinko Bay is the famous volcano, Mt Sakurajima. The Kagoshima region, known as Satsuma, was always receptive to outside contact and for many years was an important centre for trade with China. St Francis Xavier first arrived here in 1549, making Kagoshima one of Japan's earliest contact points with the West. The city's University serves as a focus for cultural life in southern Kyushu, famous for its hotsprings.

Kagoshima University is a national university founded in 1949. It has nine faculties: Agriculture, Dentistry, Education, Engineering, Fisheries, Law and Letters, Medicine, Science, and Allied Medical Sciences. Student numbers are about 10,000 for undergraduate programs and 1,200 for postgraduate programs. The campus is located in the centre of Kagoshima City. Most UTS students study language and culture in the International Students Centre. UTS students are also part of professors' research groups in either the Faculty of Engineering or the Faculty of Education. There is an intensive language course available for students at Kagoshima, but UTS students are not obliged to take it and they may take a lighter class load if they choose. Most of the international students at Kagoshima University are from China, Korea, South America and South East Asia, with small numbers of students from every other region in the world as well, including a couple of other English language background students from the USA and Australia.

Kashiwa, Chiba

Nishogakusha University is in Kashiwa City in Chiba prefecture.

Kashiwa is located one hour by train from central Tokyo. Kashiwa City has drawn attention as one of the ideal residential suburbs of Tokyo, and has seen rapid growth. The professional soccer team, Kashiwa Reysol, is based locally and residents enjoy cheering the team on.

Nishogakusha University had its beginnings in Kangaku Juku, a private school for the study of Chinese classics founded in 1877. The famous author Natsume Soseki studied there in preparation for university. The University continues to teach Chinese classics as well as other East Asian literature through its Faculty of Literature. The University has a second faculty, the Faculty of International Politics and Economics. In 2004, a second campus at Kudan was opened in Chiyoda-ku, Tokyo. It is quite a small university of about 3,000 students. There are many international students from China and Korea, but UTS students are the only students from an English-speaking background at the University. In-country Study students at Nishogakusha University join an intensive Japanese language program with very small classes, so it is an ideal environment for students really wanting to concentrate on improving their Japanese language skills.

Kitakyushu

Kyushu Institute of Technology (KIT) is located at Kitakyushucity in the northern part of the island of Kyushu (pop. 1 million). Historically, this area has played a major role as a gateway to the Asian continent. Kitakyushu-city has developed into an important industrial area for southern Japan. Kyushu Institute of Technology is a prestigious technology university, so many of the Japanese students are very studious and interested in science. There is a reasonable-sized international student population, mostly made up of Chinese and Korean full degree students. There are not many short-term exchange students, and UTS students are the only students from an Englishspeaking background. This means there is not a large program of Japanese language classes, but the environment is ideal for learning to live in the Japanese language. UTS students are allocated to research groups attached to a professor. Because UTS students are not expected to spend as much time in class as at other In-country Study sites, KIT is an ideal location for students who are self-motivated in their studies and are keen to learn about Japanese society outside the classroom.

Kyoto

Kyoto (pop. 1.4 million) was historically the cultural and political centre of Japan and its capital from 794-1868. Kyoto is rich in historical sites and for that reason it attracts many foreigners. Kyoto is renowned for its fine textiles and traditional products and is also a thriving centre of high-tech industry. Possessing a wealth of historic sites and

cultural treasures, and bounded on three sides by mountains, Kyoto is a living museum.

Kyoto University of Foreign Studies (KUFS) is one of the oldest private universities for foreign studies in Japan and is located in the western part of Kyoto. It is small, with about 3,500 undergraduate and 50 postgraduate students learning various languages and cultures. To facilitate their foreign language studies, KUFS has exchange relationships with universities around the world, so there is a large diverse international student population and an active social life in which In-country Study students can participate. Instead of joining a professor's research group, there is a set program of language and culture study for exchange students. UTS students are obliged to join this course, even though they also have to do In-country Study assignments, so the workload at this university is higher than for other In-country Study sites.

Machida, Tokyo

Obirin University is located in Machida, a city of 400,000 in the south-western suburbs of Tokyo. It is one of Tokyo's residential cities. Machida is approximately 35 minutes from central Tokyo by train, so it is a convenient base from which to explore Tokyo's museums and other recreational facilities.

Obirin is a private university founded in 1946. A Christian Congregation University, it is very internationalised, with over 5,000 undergraduate and about 150 postgraduate students. Obirin hosts non-matriculating international students from English-speaking countries on 10-month 'Reconnaissance Japan' programs. It has four faculties: Economics, International Studies, Literature, and Business and Public Administration. Obirin specialises in English language education and has exchange students from the USA and the UK as well as Australia. Respected historian Professor Bruce Batten is the academic advisor for international students, and Obirin also has a strong record in fine arts and performing arts. The University sometimes hosts artists-in-residence for short periods, which is a great resource for students interested in the arts.

Naha

Naha is the capital of Okinawa prefecture, at the southern end of Japan. The only region which has a sub-tropical climate in Japan, it offers a warmer climate with the average temperature of approximately 23 degrees. Okinawa's distinct culture and island environment means it is a popular tourist destination.

Okinawa University's basic concept is 'an open university that is community oriented, learns from the community, and keeps close a relationship with the community'. Okinawa University is a small private university with two faculties: the Faculty of Law and Economics and the Faculty of Humanities. UTS students usually take the intensive Japanese language program for international students. UTS students are the only students at Okinawa University from an English language background, although there are many students from China and Korea as well as the local students.

O-okayama, Tokyo

The Tokyo-Yokohama district is the key region in Japan's leading commercial and industrial area. Tokyo prefecture comprises 23 wards of urban Tokyo, 27 cities and four islands with over 11 million people. Tokyo is such a huge, sprawling city that one could spend a lifetime exploring it and still make new discoveries every day. O-okayama is in central Tokyo, so UTS students at this site can experience the full Tokyo lifestyle, crowded trains and all.

Tokyo Institute of Technology (Tokyo Tech) is perhaps the most prestigious technology-oriented university in Japan. The Japanese student population tends to be very studious, and there is a large and varied international student population. Tokyo Tech receives UTS Incountry Study students as fourth-year students, who in Japan have to write a small thesis, therefore placing them into research groups under professors. Most In-country Study students will study only language and culture subjects, but in order to join a research group of people with similar interests, it is important for students to choose their professor carefully. There are many research groups working in engineering, science and information technology. There is also a well known sociologist, Professor Daisaburo Hashizume, who can take In-country Study students from Humanities and Social Sciences or Business. Design students may find a professor in the Architecture Department.

Osaka

Sakai City (pop. 800,000) is in Osaka prefecture. The University is in the south of Osaka. Osaka is Japan's third biggest city, the business centre of southern Japan. Sakai's history is traced well back to the 4th century and there are many historical and cultural sites, such as Emperor Nintoku's Mausoleum.

Osaka Prefecture University is a public prefectural university founded in 1949. It has five faculties: Engineering, Agriculture, Economics, Integrated Arts and Sciences, and Social Welfare. UTS currently has exchange agreements with the Faculty of Engineering. The University has about 5,000 undergraduate and 1,200 postgraduate students. There is not a large program for international students, so this site is only suitable for UTS students with a very high level of Japanese language competency.

Sapporo

Sapporo boasts of dynamic cultural institutions and annually hosts a unique range of events, among them the Pacific Music Festival (PMF). The PMF adds to Sapporo's legacy of prominent activities that includes the 1972 Winter Olympic Games, Asian Games, Winter Universiade and Sapporo Snow Festival.

Sapporo University is a private university founded in 1967 with a humanities and business focus. It has about 6,000 undergraduate and 60 international students. There is a great variety of extracurricular activities, with over 60 cultural and sporting clubs. The University is located in Nishioka, the southern part of Sapporo. It is situated in a quiet residential area about 30 minutes from the centre of Sapporor and is not far from Hitsuijigaoka observation spot, one of Sapporo's main attractions. The Japanese language classes are organised to suit the level of the UTS students. Sapporo University is suitable for students in the humanities, education and business.

Yamanashi

Yamanashi prefecture, located in the Chubu region of Japan, is an inland prefecture rimmed by steep mountains on all sides. Surrounded by scenic beauty to the south, Mt Fuji rises 3,776 metres above sea level. Being only 120 km from the Tokyo area, the prefecture has been able to prosper culturally for many years. Yamanashi has much allure, with abundant greenery, crystal clear air and water, some of the freshest fruit and best national parks, including the Fuji Hakone Izu National Park. Kofu City, with about 200,000 inhabitants, can be reached within an hour-and-a-half from Tokyo by express train.

Yamanashi University is a national university founded in 1949. It is a small public university with just three faculties: Medicine, Education and Human Sciences and Engineering, and about 3,500 undergraduate and 500 postgraduate students. The University has around 150 international students, the majority of whom are from China or Korea. The University is located within walking distance of Kofu Railway Station. There is a small dormitory specifically for overseas students close to the University. UTS students attend language and culture classes run by the International Students Centre. Yamanashi University is a suitable site for students from nursing, engineering, education and business.

Yokohama

The Tokyo-Yokohama district is the key region in Japan's leading commercial and industrial area. Yokohama (pop. 3 million) was little more than mudflats 150 years ago, but with the end of Japan's long isolation from much of the rest of the world, the city was the closest port to Tokyo open to foreign traders. Yokohama's attractions can be summed up in the harbour and a lively Chinatown. Yokohama Bay Bridge has a walkway on the bridge, Sky Walk, that leads to a viewing area out over the bay. The high-tech industries and research laboratories that back up the Tokyo area are gathered in Yokohama district

Yokohama National University (YNU), established in 1949 as a national university, has four faculties and two graduate schools with a combined student population of about 10,000. YNU has a large, diverse international student population and a well established system for managing them. In-country Study students do not go into professors' research groups but into the JOY Program, with language classes, humanities and social science classes, and business classes specifically tailored for short-term exchange students. Students with a high level of Japanese may also take classes with Japanese students outside the JOY Program, for example, in YNU's excellent Architecture Department.

Completion requirements

976001	Foundations in International Studies	8cp
976211	Contemporary Japan	8cp
977210	In-country Study 1: Japan	24cp
978210	In-country Study 2: Japan	24cp
CBK90481	Japanese Language and Culture	32cp
		Total 96cp

MAJ08926 Mexico

Mexico is a large, rapidly developing country with a fascinating history and tremendous regional variety of geography and culture. Pre-colonial civilisations, conquest, Spanish settlement and popular revolution have all left a big mark on contemporary society. Indian and mestizo populations retain strong native traditions. Mexico has outstanding architecture, art and design, cuisine and popular music. Being located between the United States and Latin America also gives the country special characteristics and helps to shape national consciousness. The migration of Mexican workers, the establishment of border industries, and the NAFTA trade agreement testify to Mexico's close and often difficult relationship with the United States and with the processes of globalisation. The country has recently made an historic transition to genuine multi-party democracy.

Students spend two consecutive semesters studying social science or culture and humanities subjects at an institution of higher education in Mexico through arrangements made by UTS: International Studies. The focus of study varies in each semester depending on individual student preferences and the availability of subjects at host institutions. Students are assessed on each semester separately and assessment is based on the subjects undertaken at the host institutions, as well as project work administered by UTS: International Studies.

Students may expect that no greater costs will be incurred through undertaking a period of in-country study in Mexico than are involved in living away from home in Sydney.

Locations

Mexico City, Mexico

The Universidad Nacional Autónoma de México (UNAM) was founded in 1910 and has approximately 275,000 students. It is public, secular and pluralist. It is Mexico's premiere university and is ranked the No. 1 university in the Spanish-speaking world. It was created in the wake of the Mexican Revolution as the jewel in its crown and was intended to extend higher education to a greater proportion of Mexicans. It currently houses 70 per cent of all research academics in the country. Its main campus is located in the south of the city in Ciudad Universitaria (University City), which was declared a UNESCO World Heritage Site in 2007. It boasts murals by some of Mexico's most famous artists. There are undergraduate and postgraduate degree courses in the faculties of Architecture, Economics, Law, Engineering, Philosophy and Letters, Accounting and Administration, Science, Political and Social Sciences, Medicine, Odontology, Psychology, Chemistry, Veterinary Science, Zoology, as well as schools of art, music, nursing and obstetrics, music, and social work. The university has a lively cultural and sporting life including its own national football team. The Centro de Estudios para Extranjeros $(CEPE-Centre \ for \ For eign \ Students)\ provides\ professional\ Spanish$ language and culture support classes for visiting students.

www.unam.mx

Xalapa, Veracruz

Xalapa (population 400,000) is a small city which has conserved much of the charm and character of provincial Mexico. It is nestled in green misty hills and has many squares and gardens. The city and surrounding pueblos remain unspoilt by tourism yet are fascinating places to visit for anyone interested in archaeology, Mexican history, the arts and indigenous cultures. Xalapa is also within easy reach of Mexico City by a good road. Xalapa is the administrative capital of the state of Veracruz, and most industry and commerce is located 130km east around the historic port of Veracruz. Between Veracruz and Xalapa lie sub-tropical lowlands where fruits, herbs, chillies and flowers are grown. Coffee is the main crop in the hills. All these local products are sold in Xalapa's traditional marketplaces. Xalapa is known for its exceptionally active and varied cultural life.

The Universidad Veracruzana was founded in 1944 and has approximately 60,000 students. There are over 30 undergraduate degree courses in the faculties of Medicine, Business and Economics, Art, Humanities, Veterinary and Agricultural Science, and Engineering. The anthropology and history faculties specialise in the study of provincial history and indigenous languages. Several faculties are dispersed around the city. The main campus is located below the city centre in pleasant parkland with lakes and an historic sports stadium built in the Grecian style in the 1920s. The university's school for foreign students (EEE) provides educational programs exclusively for foreign students.

This site is available to exchange students providing they have university-level Spanish.

www.uv.mx/eee

Guadalajara, Jalisco

Guadalajara, Mexico's pearl of the west, is incredibly diverse and stately with amazing qualities, both modern and historic, that embrace all who visit. It is considered the most Mexican of Mexico's big cities. As the second largest city in Mexico, Guadalajara is a busy metropolis and a major Mexican business centre. Although this city moves at a busy pace, things here have a way of seeming to always remain serene. Guadalajara is a city of monuments, parks and flowers, fountains and tree-lined avenues, whose history dates to the 16th century. The Guadalajara area is known as the birthplace of the world famous Mariachi bands, the home of the Mexican hat dance and tequila. Guadalajara's month-long October festival attracts visitors from all over the world and performers from all over Mexico for a wide variety of music, cultural and artistic events and crafts exhibits.

Presently, students can choose to study at the Universidad de Guadalajara (UdeG) (providing they have a minimum of Level 6 Spanish) or the Guadalajara campus of the Tec de Monterrey. Subjects offered to UTS students at the Universidad de Guadalajara are within the Centre for Humanities and Social Sciences (Centro Universitario de Ciencias Sociales y Humanidades (CUCSH):

www.cucsh.udg.mx

CUCSH is sub-divided into Cultural Studies, Studies in State and Society, Political and Social Studies, History and Humanities, and Juridical Studies. Students can take classes in law, literature, philosophy, psychology, sociology, geography, journalism, etc. Students who wish to do in-country study at the Universidad de Guadalajara must have Level 6 Spanish competence. This site is available to UTS exchange students in general providing they have university-level Spanish.

www.udg.mx

At the Tec de Monterrey campus in Guadalajara, students have access to the same range of subjects as other Tec students, including engineering, architecture and design, communication studies, literature and culture.

This site is also available to UTS exchange students in general who have university-level Spanish. There are, however, a limited number of subjects available in English (culture and business).

www.gda.itesm.mx

Monterrey, Nuevo León

Called the City of the Mountains, Monterrey is the capital of the state of Nuevo León, which is situated in the north-east corner of the country and borders on Texas. Monterrey rests in a valley surrounded by the jagged Sierra Madre mountain range. The downtown area features magnificent plazas and gardens. Even with its large population of five million, Monterrey is one of the safest cities in Mexico. Monterrey's population is considered the most educated in Mexico and the city on a per capita basis has more colleges, universities and institutes of technology than any other Mexican city. Quality restaurants, modern shopping malls, numerous museums and cultural attractions abound here. Some of Mexico's best hiking, mountain biking, cave exploring and nature areas are located within close proximity to the city.

Founded in 1947, El Instituto Tecnológico y de Estudios Superiores de Monterrey (ITSEM), commonly known as 'El Tec', is regarded as Mexico's most modern and technologically advanced university. Regular classes may be attended in the following study areas: agriculture, behavioral science, engineering, communications, computer science, economics, humanities, law, international business, and natural resources.

This site is available to UTS exchange students in general and has a wide range of subjects in English.

www.mty.itesm.mx

Cholula, Puebla

The university is located in the municipality of San Andrés Cholula, five minutes from the city of Puebla and 120 kilometers from Mexico City. Puebla is 2100 meters above sea level and is the state capital. It was founded in 1531 by Don Juan Salmeron and Fray Toribio de Benavente, better known as Motolinía. Puebla is renowned for its distinctive colonial architecture, savoury cuisine, Talavera ceramics, onyx crafts and textile industry. The indigenous language of the region, Náhuatl, is still spoken in some rural areas of the Puebla Valley. Mexican troops defeated French invaders here on 5 May 1862 giving birth to the modern-day 'Cinco de Mayo' celebrations. Puebla is one of Mexico's richest cities in terms of colonial art and has been recognised by UNESCO as a World Heritage Site. Cholula, the oldest city on the continent, has an excellent archaeological site that was an important religious center of diverse cultures during pre-Hispanic times. The

most common landmark is the massive Pyramid of Tepanapa, on top of which the Spaniards built a Catholic Church.

The Universidad de las Américas (UDLA) is one of Mexico's finest with a campus laid out like a small town and a student population of 8500, making it a favourite of foreign students. The UDLA was originally founded in Mexico City in 1940 under the name of Mexico City College before moving to Puebla in 1968 and taking the name of Universidad de las Américas. Students who go to UDLA go under a UDLA-UTS exchange program and can take a range of subjects, from engineering and business administration to humanities and social sciences, including archeology, literature, communication, film and dance. Through the Centro de Lengua y Cultura, students can also apply to do summer internships (fees apply) or community service in local non-profit organisations. Spanish language and culture classes are also provided by UDLA for foreign students.

This site is available to UTS exchange students in general and has a wide range of subjects in English.

www.udlap.mx

Completion requirements

976001	Foundations in International Studies	8cp
976502	Contemporary Latin(o) Americas	8cp
977530	In-country Study 1: Mexico	24cp
978530	In-country Study 2: Mexico	24cp
CBK90484	Spanish Language and Culture	32cp
	1 0 0	Total 96cp

MAJ08927 Spain

Spain occupies the south-western tip of Europe, along with Portugal. This location has made Spain an important historical, religious, cultural and linguistic contact zone where Europe and Africa have met and coexisted, often uneasily. The centre of a vast international empire from 1492 to 1898, in the 20th century Spain, was ruled by General Franco in one of Europe's longest-running fascist dictatorships (1937-1975). Since 1975 and the restitution of a parliament-based constitutional monarchy, one that also permits significant regional autonomies, the Spanish people have enjoyed high standards of living and a climate of cultural liberalisation. Since the 1970s Spain has also been a key player in drives towards European union, and since the early 1990s has become an important receiver country of immigrants from Africa, Asia and Latin America, with Ecuadorians and Moroccans forming the two largest minorities. With a population of 45 million, Spain is one of the world's top tourist destinations, attracting more than 45 million visitors annually. While Castellano (Spanish; Castilian) is the official state language, other resilient regional languages (Basque, Catalan, Galician) reflect contemporary Spain's profound cultural heterogeneity.

Students in the Spain major have the opportunity to learn Castilian, to learn about Spain and Spain's place in European and international affairs, and to spend an academic year of study at universities in Barcelona, Granada, Logroño, Madrid, Málaga, Pamplona, Salamanca and Santander. The UTS Language and Culture program accepts students with varying degrees of language ability, ranging from complete beginners to native speakers.

Students spend two consecutive semesters studying language and culture at one of the following universities through arrangements made by UTS: International Studies:

- Universitat Autònoma de Barcelona, Barcelona
- Universitat Abat Oliba, Barcelona
- Universidad de La Rioja, Logroño
- Universidad Antonio de Nebrija, Madrid
- University Alfonso X El Sabio, Villanueva de la Cañada (Madrid area)
- Universidad de Granada, Granada
- Universidad de Málaga, Málaga
- Universidad de Sevilla, Sevilla
- Universidad de Navarra, Pamplona
- Universidad Pública de Navarra, Pamplona
- Universidad de Salamanca, Salamanca
- Universidad de Cantabria, Santander.

Students are assessed separately each semester, based on subjects undertaken at the host institutions, as well as project work administered by UTS: International Studies.

Students may expect that slightly greater costs will be incurred through undertaking a period of in-country study in Spain than are involved in living away from home in Sydney and that these costs vary from location to location and fluctuate with exchange rates.

Locations

Barcelona

Barcelona, the second largest city in Spain, and the capital of the Autonomous Community of Catalonia, has long been a centre for artistic and architectural developments, as well as social progressiveness. It is also one of the most industrialised of Spanish cities.

Students who select Barcelona for their period of in-country study spend two consecutive semesters studying language and culture at one of two universities in the city with which UTS has exchange agreements: the Universitat Autònoma de Barcelona (UAB) or Universitat Abat Oliba.

In their first semester, UTS students at the Universitat Autònoma de Barcelona (UAB) study Spanish language as well as enrol in one elective subject. During the second semester, students select three electives from a list of options on contemporary Catalan and Spanish history, culture, politics, economics and society. The UAB campus consists of teaching and research centres, libraries and laboratories. Located 40 minutes from central Barcelona by commuter train, the UAB is, in effect, a separate university town. The university community is made up of 37,000 undergraduate students, 6500 postgraduate students, 2700 teachers and researchers, and 1200 administrative staff. The UAB's 11 faculties offer a wide range of study and research, including the humanities and social sciences, law, business studies, health sciences, experimental sciences, art and design, technology, and engineering. Catalan is the primary language of instruction at UAB, although a limited number of subjects are offered in Castilian.

This site is available to exchange students provided they have university-level Spanish and are prepared to undertake classes and subjects taught in Catalan, and depending on student demand in a given year.

www.uab.es

Universitat Abat Oliba is available only to in-country study students or exchange students with level 8 or higher Spanish proficiency who enrol in regular university subjects from Semester 1. In both semesters, students select three electives from a list of options on contemporary Catalan and Spanish history, culture, politics, economics and society. The Universitat Abat Oliba is a small private university located in the suburb of Bellesguard and is easily accessible by public transport. Abat Oliba's degree programs are professionally based in ways that match many of UTS's professional degrees, and the university prides itself on being technologically and pedagogically innovative, with small class sizes and a commitment to high teaching standards. Castilian (Spanish) is the primary language of instruction, with some subjects offered in Catalan. Abat Oliba offers students a range of subjects in the areas of business administration, political science, law, economics, journalism, psychology, advertising and PR, and information technology.

This site is available to exchange students provided they have university-level Spanish and are prepared to undertake classes and subjects taught in Catalan; such students may enrol in an advanced Spanish language class as an elective, subject to their faculty's approval.

www.uao.es

Granada

Granada is a medium-sized city in Andalucía, home of La Alhambra and Sacromonte, and one of the most picturesque and visited tourist locations in Spain. Although it has a constant and significant influx of tourists from all over the world, the city does not have a large foreign community living there long-term.

In their first semester, UTS students at the Universidad de Granada study Spanish language as well as enrol in one elective subject. During the second semester, students select three electives from a list of options on contemporary Spanish history, culture, politics, economics and society.

The University of Granada is the third largest university in Spain, and, having been founded in 1531, it is also one of the oldest. It enrols over 80,000 students annually and is an important and prominent institution in this city of only 270,000 inhabitants. The university teaches in all the main areas of study. Its faculties include Fine Arts, Architecture, Information Studies, Science, Physical Education and Sport, Education, Human Resources, Economics and Management, Psychology, Sociology and Political Sciences, Humanities, Translation and Interpretation, Law, Pharmacy, Medicine, Engineering and Information Technology, and various associated centres offering nursing, dentistry and others. The campus has modern facilities

including IT access, a large library system and sport facilities. It is centrally located and the city has a good public transport system.

Granada has a thriving cultural life. There is a mountain range half an hour away with excellent skiing in the winter, and the beach is only one hour away. Granada is also well connected to other major cities and tourist areas in Andalucía and has direct flights to Madrid and Barcelona.

This site is available to exchange students provided they have university-level Spanish, and depending on student demand in a given year.

www.ugr.es

Logroño

Logroño is the capital of the Autonomous Community of La Rioja, the most important wine-producing region of Spain. La Rioja is the smallest autonomous community in Spain, bordered by Navarra, Castilla y León, and Aragón. The city has a population of about 150,000, and is surrounded by picturesque valleys and mountains. It was founded by the Romans and forms part of the famous Camino de Santiago, alongside many monasteries and castles that can be found in the area.

The University of La Rioja attained university status in 1992, having been part of the University of Zaragoza previously. The student population currently numbers some 7500. The university offers 26 undergraduate and postgraduate degrees in a number of disciplines. Most foreign students who attend this university come from non-English-speaking backgrounds.

Students who select Logroño for their period of in-country study spend two consecutive semesters studying language and culture at the Universidad de La Rioja through arrangements made by UTS: International Studies. In the first semester, students further their Spanish language skills, and, if their Spanish levels permit, have access to other subjects as determined by the university. During the second semester, students select a number of electives from a list of options on contemporary Spanish history, culture, politics, economics and society.

This site is available to exchange students provided they have university-level Spanish; such students may enrol in an advanced Spanish language class as an elective, subject to their faculty's approval.

www.unirioja.es

Madrid

Madrid is the capital of Spain and the country's largest city, with a population of some five million, including the city's outlying districts. Madrid is situated in the geographical centre of the country and is regarded by the Spanish state as an autonomous community in its own right. It also wins the prize for being the highest European capital in terms of altitude, being some 700 metres above sea level. Home to some of Europe's most important art galleries and museums, including the Prado, Madrid is a dynamic metropolis, with a cultural life on par with the other great European capitals. It also boasts a vibrant night-life and an excellent public transport system. Two universities are available for students wishing to study in Madrid.

Universidad Antonio de Nebrija is a private university with a high academic reputation in Spain and abroad. It has two campuses: one in the city (Dehesa) and one on the outskirts (Berzosa). The Dehesa campus is readily accessible by metro. The Centro de Estudios Hispánicos, where intense Spanish languages classes are held, is located on this campus. The facilities at both campuses are impressive, as befits this modern, well-run university. Students enrol in intensive Spanish language and culture classes at Dehesa campus in first semester, and in second semester choose from a variety of subjects on contemporary Spanish history, culture, politics, economics and society taught at Berzosa campus.

This site is not available to UTS exchange students.

www.nebrija.com

University Alfonso X El Sabio (UAX), Villanueva de la Cañada (Madrid area), is a private university on the outskirts of Madrid. UAX was founded in 1993 and has a student population of 10,000. It is located in Villanueva de la Cañada, 25km out of Madrid. The campus can be reached in 45 minutes by a bus departing every 15 minutes from a bus and metro interchange in central Madrid. Student accommodation is available in the small town/suburb next to campus, which provides an alternative to commuting from Madrid. The university can arrange for shared accommodation with Spanish and other foreign students in Villanueva de la Cañada. Most foreign students studying at this university are from non-English-speaking countries, and many are from Latin America. The university offers

modern facilities and an optional Spanish language class for foreign students to be taken each semester concurrently with regular university subjects on contemporary Spanish history, culture, politics, economics and society.

This site is available to exchange students provided they have university-level Spanish; such students may enrol in an advanced Spanish language class as an elective, subject to their faculty's approval.

www.uax.es

Málaga

Málaga is a thriving city on Spain's south Mediterranean coast and a popular international tourist destination. The city is close to some of the most historically and architecturally significant cities in the Autonomous Community of Andalusia, such as Granada and Córdoba, and the Moroccan African coast is only a short ferry ride away.

In their first semester UTS students at the Universidad de Málaga undertake Spanish language classes, and in second semester three elective subjects from the regular curriculum of the university.

Founded in 1972, the Universidad de Málaga has become one of Spain's most dynamic tertiary institutions, especially in the fields of technology, tourism and Andalusian Studies. The university has eight faculties and 11 schools, and caters for a wide range of studies and research in the humanities and social sciences, health sciences, experimental sciences, technology, business, law, engineering and tourism. The university is split into two campuses and has modern resources, including excellent libraries, an Olympic-quality sports centre and a range of student services. Spanish language classes are offered at a language centre in the city while Teatinos campus, where students study in second semester, is 15 minutes from central Málaga by bus.

This site is available to exchange students provided they have university-level Spanish; such students may enrol in an advanced Spanish language class as an elective, subject to their faculty's approval.

www.uma.es

Sevilla

The University of Sevilla was founded in 1502 and is still housed in the iconic Tobacco Factory building dating from the 18th century made famous by Bizet's opera Carmen. The current campus is spread all over the city, with some faculties located in the post-Expo area of Cartuja Island, still a short walk from the city's centre.

It is a large public university catering to about $60,\!000$ students with over 4000 teaching staff, making it one of the largest universities in Spain.

Its faculties include Biology, Physics, Chemistry, Pharmacy, Medicine, Dentistry, Psychology, Mathematics, Economics and Business, Social Work, Education, Communications, Geography and History, Philology, Philosophy, Law, Fine Arts. There are also technical sciences, schools of Architecture, Engineering, Software Engineering and university schools of Technical Architecture, Agricultural Sciences, Management Studies, Health Sciences, Engineering.

The university offers modern facilities and an optional Spanish language class for foreign students to be taken each semester concurrently with regular university subjects on contemporary Spanish history, culture, politics, economics and society.

This site is available to exchange students provided they have university-level Spanish; such students may enrol in an advanced Spanish language class as an elective, subject to their faculty's approval.

www.us.es

Pamplona

Pamplona, or Iruña as it is known in Basque, is the capital of the Autonomous Community of Navarra, in the north of Spain. Navarra is one of the wealthiest regions in Spain, and while Castilian is the dominant language, Basque is also spoken by a significant proportion of the population. Pamplona is famous for its Fiesta de San Fermín and the associated running of the bulls.

In their first semester, UTS students at the Universidad de Navarra undertake intensive Spanish language and culture classes. In their second semester, students enrol in classes from the general undergraduate program in a range of faculties, depending on university admission requirements. The Universidad de Navarra is located on the outskirts of Pamplona in a leafy and spacious parkland setting along the banks of the Sadar River, some 20 minutes from the

city centre by bus. One of the best technologically equipped tertiary institutions in Spain, the university prides itself on its commitment to fostering an active student community through various social, cultural and sporting activities. Of the 13,500 students in its undergraduate programs, between 600 and 700 come from overseas, half of those from Latin America. The university was founded in 1952 and currently offers 27 degree courses in a range of faculties and schools, some of its strengths being business studies, journalism, nursing, law and education.

This site is available to exchange students provided they have university-level Spanish and depending on student demand in a given year.

www.unav.es

UTS students at the Universidad Pública de Navarra enrol in two elective subjects as well as undertake Spanish language classes in their first semester. These classes are taught using the innovative method of the renowned Instituto Cervantes, which combines formal classroom teaching with computer-based learning. In second semester, students undertake three elective subjects from the regular curriculum of the university. The Arrosadía campus of the Universidad Pública de Navarra is located in the south of Pamplona in spacious parkland. An excellent public transport system of buses links the campus to the city proper. Established in 1987, the university is now ranked as one of the most dynamic and outward looking of Spanish universities, with a student body of some 11,000. Unlike most older Spanish universities, Pública is divided into 20 departments, rather than faculties, including Physics, Chemistry, Agrarian Production, Geography and History, Philology and Linguistics, Economics, Statistics, Engineering, Automation and Computer Science, Health Sciences, Environmental Sciences, Private and Public Law, and Psychology. Teaching and student facilities are excellent.

This site is available to exchange students provided they have university-level Spanish, and depending on student demand in a given year.

www.unavarra.es

Salamanca

Salamanca is a small university town some two-and-a-half hours by road from Madrid, in the Autonomous Community of Castilla y León. The old city centre, where the university itself is located, contains some of the finest examples of medieval, renaissance and baroque architecture in Spain.

In their first semester, students undertake Spanish language and culture classes from the Cursos Internacionales program. In their second semester they enrol in classes from the general undergraduate program in a range of faculties, depending on university admission requirements.

Established in 1218, the Universidad de Salamanca is one of the oldest universities in Europe, and currently attracts thousands of foreign students each year. Undergraduate students number close to 40,000. Located in the historical centre of Salamanca, the university has an illustrious academic history. Among its graduates and teachers are many of Spain's most important jurists, scientists, doctors, philosophers and writers. Classes are held in buildings built centuries ago. In 1987 construction of a new campus, Miguel de Unamuno, on the edge of the city centre was undertaken to satisfy the growing needs of students and staff. The university has 16 faculties and seven university schools, and offers study and research in many areas, notably humanities, environmental science, social sciences, law, economics and pharmacology. Its humanities faculty is well regarded internationally for its courses in linguistics, languages and translation.

This site is not available to UTS exchange students.

www.usal.es

Santander

Santander, the largest city in the Autonomous Community of Cantabria, is a medium-sized city of 200,000 inhabitants, located on the northern coast of Spain and home to the best surfing beaches in the country. The campus is centrally located, surrounded by modern residential areas popular with students, and easily accessible by public transport from other parts of the city.

Students who select Santander for their period of in-country study spend two consecutive semesters studying language and culture at la Universidad de Cantabria (UC) through arrangements made by UTS: International Studies. In the first semester students further their Spanish language skills and, if their Spanish levels permit, they have access to other subjects as determined by the university. During the second semester students select a number of electives from a list of

options on contemporary Spanish history, culture, politics, economics and society. UC is a modern university currently enrolling around 13,000 students. It has a modern campus with all necessary facilities. Student flats are close to the campus and there is good public transport to other areas of the city.

This site is available to exchange students provided they have university-level Spanish, and depending on student demand in a given year.

www.unican.es

Completion requirements

976001	Foundations in International Studies	8cp
976451	Contemporary Spain	8cp
977450	In-country Study 1: Spain	24cp
978450	In-country Study 2: Spain	24cp
CBK90484	Spanish Language and Culture	32cp
	1 0 0	Total 96cp

MAJ08932 Switzerland

Known for fine chocolates, great skiing and cuckoo clocks, Switzerland has a reputation for the luxurious and the unusual. Beyond these stereotypes, the country has a long history of nominal neutrality, yet remains a major player in banking, politics, diplomacy and other areas of global cooperation, hosting the International Red Cross, among other organisations. Major cities include Geneva, Zurich, Basel and Bern. Culturally diverse, the country is organised on a federal system (cantons) with a unique form of participatory democracy involving frequent referenda, and it combines ethnic and linguistic groups who identify as French, German, Italian and Romansh speaking.

Students spend two consecutive semesters studying at one of the following universities in Switzerland:

- Université de Lausanne
- Universität Berne
- Universität Zürich
- University of Fribourg
- Université de Neuchâtel.

The location and content of each student's period of in-country study in Switzerland is determined by the level of their language competence in French, German or Italian. Generally speaking, students who have a sound working knowledge of French, German or Italian before their entrance to UTS (usually defined as HSC 3-unit or a good pass in 2-unit French, German or Italian) can study an appropriate two-semester program of host university subjects broadly relating to language, society and culture. Alternatively, provision exists for such students to increase their language proficiency in one of the other languages before completing in-country study as a dual language option. Consult the Switzerland major coordinator if you would like to pursue this as an option.

All other students spend a first semester engaged in the study of language and culture going on to a second semester of subjects chosen more broadly from the university's curriculum.

Students are assessed on each semester separately. Assessment is based on the subjects studied at the host university, as well as project work administered by UTS: International Studies.

Students should be aware that costs of living in Switzerland are generally higher than in Australia, with eating out particularly expensive. However, it is possible to spend a year there on an amount roughly comparable to living away from home in Sydney. Students studying in Lausanne may currently apply for a University accommodation grant.

Locations

Lausanne

Lausanne, in French-speaking Switzerland, is in a stunningly beautiful location, built on a series of steep hills with views of Lake Geneva and the snow-capped mountains of the Alps in the distance. The built environment is not as charming as the natural one, but there are still pockets of medieval buildings, lovely 17th century monuments such as the town hall, and wonderfully ornate hotels and blocks of apartments with florid wrought iron decoration from the late 19th century.

The Université de Lausanne (UNIL) has around 10,000 students and seven schools (Law, Arts, Social and Political Sciences (including Sports Sciences), Business, Science, Medicine and Religious Studies) mainly located at Dorigny on the banks of Lake Geneva, a 10-minute metro ride from the city centre.

Reri

Bern is the capital city of Switzerland, founded by the House of Zähringen in the 11th century. After the town was destroyed by a fire in the 13th century, all the buildings were rebuilt in sandstone, and have never since been destroyed by war. The 'Altstadt' now has World Heritage listing with UNO. Bern is small, full of teddy-bears in all sizes and shapes, offers multicultural cuisines and prides itself on being the bridge between the German and French speaking parts of Switzerland.

The University of Bern was founded in 1834 and has a generalist, traditional profile. Its seven faculties include Theology, Humanities, Social Sciences, Law, Economics, Medicine (including Veterinary Medicine) and Natural Sciences. The university is located in the city's traditional student quarter, 'Länggasse' and is very close to the main railway station. A direct tramline connects the railway station and Uni Tobler, the main complex for Humanties and Social Sciences.

Zurich

Zurich, in German-speaking Switzerland, is the largest city and the banking capital of Switzerland, with an international atmosphere and a vibrant cultural life. Never touched by war, the city is a beautiful mixture of medieval, classical and contemporary architecture. The Lake of Zurich and the green hills around the city and the nearby Alps give Zurich its particular charm and a relaxed atmosphere.

The University of Zurich was founded in 1833, the first university in Europe founded by a state without ecclesiastical or royal patronage. Its seven faculties are Theology; Arts (including Social Sciences); Sciences; Law; Economics, Business Administration and Information Technology; Medicine; Veterinary Medicine. With around 2000 academic staff and over 20,000 students, the University of Zurich is the largest institution of higher education in Switzerland, offering the widest range of courses. It also has the highest percentage of foreign students from other than the EU states. Its prominent researchers include a number of Nobel Prize laureates and leading scientists and scholars in all fields.

Fribourg/Freiburg

Fribourg is located on the river Sarine, at the base of spectacularly steep cliffs that were formed by the passage of glaciers long ago. Founded in 1157 by the Duke of Zähringen, the old part of town, with its Gothic cathedral, narrow streets, wooden and stone bridges, museums, cafés and picturesque places, constitutes one of the most beautiful, and best-preserved, medieval cities in Europe. The numerous students that live in the town contribute to the vibrant rhythm of life in Fribourg and are an integral part of its unique atmosphere.

The university developed from the initial Academy of Law established in 1763. The current buildings are located around the city of Fribourg (a 'city' university rather than a 'campus' university).

Fribourg/Freiburg is located on the border of the French and German speaking Switzerland. The university is therefore Switzerland's only bilingual university where classes in all faculties take place in either French or German. The university is also part of the 'BeNeFri' Network (linking the universities of Bern, Neuchâtel and Fribourg allowing students to study at all three campuses in the nearby cities).

The university currently teaches approximately 10,000 students: 82 per cent are Swiss nationals and 18 per cent international students. Semester dates are mid-February to early June for Summer semester and mid-September to end December for Winter semester.

www.unifr.ch

Neuchâtel

Neuchâtel is located in the French-speaking part of Switzerland on the north-western shore of the Lake of Neuchâtel. The city is located between the Jura mountains and the Alps and is surrounded by countryside and vineyards. It is also located in the heart of the Swiss watchmaking region.

The Academy of Neuchatel was founded in 1838 and the full university was established in 1909. Approximately 4000 students attend the university. Eighty per cent are Swiss nationals and 20 per cent are international students. The university is a public university and is also part of the 'BeNeFri' Network (linking the universities of Bern, Neuchâtel and Fribourg, allowing students to study at all three campuses in the nearby cities). The university has five faculties: Humanities; Science; Law; Economics and Theology and research strengths include: biology, anthropology and health law, as well as the Economic Research Institute (IRENE) and the Center for the Understanding of Social Processes (MAPS).

Semester dates are mid-February to early June for Summer semester and mid-September to end December for Winter semester.

www.unine.ch

Completion requirements

976001	Foundations in International Studies	8cp
976404	Contemporary Switzerland	8cp
977460	In-country Study 1: Switzerland	24cp
978460	In-country Study 2: Switzerland	24cp
CBK90417	Switzerland Language and Culture	32cp
		Total 96cp

MAJ08933 Canada

The French language, traditionally the language of diplomacy, is shared by many other countries throughout the world, and the Francophone element of this major reflects this by including partner universities in Québec. A participant in the G8 group, Canada claims a place on the world stage in terms of economics, business, politics and culture. Geographically huge, the country extends from the Atlantic to the Pacific, and combines the extremes of snowy winters and hot summers. The history of Canada can be traced back to its indigenous peoples through colonisation by France and the United Kingdom, to independence. More recently, calls for autonomy have been made from Québec, culturally distinct, and with a reputation for artistic, cinematic and literary production second only to France in the Francophone world.

Students spend two consecutive semesters studying at Université Laval, Québec City.

The location and content of each student's period of In-country Study in Canada (Québec) is determined by the level of their language competence in French. Generally speaking, students who have a sound working knowledge of French before their entrance to UTS (usually defined as HSC 3-unit or a good pass in 2-unit French) can study an appropriate two-semester program of host university subjects broadly relating to Francophone language, society and culture.

All other students spend a first semester engaged in the study of language and culture, going on to a second semester of subjects chosen more broadly from the university's curriculum.

Students are assessed on each semester separately. Assessment is based on the subjects studied at the host university, as well as assessments administered by UTS: International Studies.

Students should be aware that costs of living in Canada are generally slightly higher than in Australia, though the cost of student accommodation is reasonable and it is possible to spend a year on an amount roughly comparable to living away from home in Sydney.

Location

Québec City

Described as the cradle of French civilisation in North America, Québec City is the capital of the province. Dating back to 1608, when the city began as a fur-trading post, Québec's architecture reflects its position as a crossroads between Europe and America, earning it a place among UNESCO's world heritage sites. With a culture combining French, British, North American and indigenous traditions, the city has a population of over half a million. The natural environment is equally magnificent: with the St Lawrence river at its heart, the province is characterised by forests, lakes and mountains and enjoys contrasting climates of hot summers, snowy winters (ideal for skiing, snowboarding, skating and other activities, as well as providing a Christmas card cityscape) and spectacular Autumns.

Université Laval, founded in 1852, is the oldest French language university in America. Its student population of almost 35,000 enjoys a rich calendar of extra-curricular activities. Faculties include Science and Engineering, Health Sciences, Arts, and Social Sciences and Management, and students can choose from a wide range of options relating to French and Québecois culture and society.

Completion requirements

,	,	
976001	Foundations in International Studies	8ср
976602	Contemporary Canada (Quebec)	8cp
977543	In-country Study 1: Canada	24cp
978543	In-country Study 2: Canada	24cp
CBK90483	French Language and Culture	32cp
		Total 96cp

MAJ08934 Accounting and Finance

The Accounting and Finance major provides a comprehensive range of skills that are necessary for those involved in the preparation and/or analysis of financial reports or those working in the finance sector. This includes acquiring knowledge relating to the regulation of financial reporting, the use of financial statements and issues related to the financial management of a firm.

Completion requirements

22754	Corporate Accounting	6ср
22730	Auditing and Assurance Services	6cp
25765	Corporate Finance	6cp
25741	Capital Markets	6cp
25721	Investment Management	6cp
25731	International Finance	6cp
22748	Financial Reporting and Analysis	6cp
22743	Business Valuation and Financial Analysis	6cp
	,	Total 48cr

MAJ08938 Technology Management

In a world where innovation is a key to success, leaders are called to the fore to manage people and projects. The Technology Management major is designed for students who have a technical background or a keen interest in technology and therefore a strong alignment with analytical approaches. From this platform the objectives are underpinned by the desire to expose students to a broader body of knowledge and range of approaches than experienced in a purely technical framework.

A key issue is the benefit that accrues from supplementing analytical and mathematical modelling approaches with business and social science skills. Much of the value and strength of the Technology Management major relate to consideration of approaches and perceptions that are extensions of, or build upon, an engineering/scientific view point. The differences between technocratic approaches and human and societal constructs are brought into sharp focus broadening the perspectives of students.

The major is specifically designed to enhance understanding of the need for technology, people and society to be viewed as closely interrelated aspects of all engineering and business activity.

Completion requirements

Select 48 c	redit points from the following options:		48cp
49001	Judgment and Decision Making	6ср	1
49002	Managing Projects	6ср	
49004	Systems Engineering for Managers	6ср	
49006	Risk Management in Engineering	6ср	
49013	Managing Information Technology in	_	
	Engineering	6ср	
49655	Integrated Logistic Support	6ср	
49309	Quality Planning and Analysis	6ср	
49016	Technology and Innovation		
	Management	6ср	
49306	Quality and Operations Management		
	Systems	6ср	
		Tota	1 48cp

MAJ08940 Finance

Virtually all individuals and organisations earn or raise money and spend or invest money. Financial Management is concerned with the process, markets and instruments used in the transfer of money between individuals, firms and government.

The Financial Management major provides participants with the opportunity to acquire knowledge of finance theory and techniques in the areas of investment and financing decisions, forecasting and planning, risk management and interactions with capital markets. Learning strategies that cover both contemporary financial theory and leading-edge techniques in the practice of financial decision-making are used in the presentation of the major.

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25705	Financial Modelling and Forecasting	6ср
25741	Capital Markets	6cp
25721	Investment Management	6ср
25743	Corporate Financial Analysis	6ср
25765	Corporate Finance	6ср
25731	International Finance	6ср
Select 12 credit points from the following options:		12cp
25807	Mergers and Acquisitions	3ср
25764	Venture Capital Finance	3ср
25812	Fundraising in International Markets	3ср
25732	Venture Capital and Private Equity:	
	Theory and Practice	6ср
25762	Synthetic Financial Products	6ср
25824	Project Financing	3ср
		Total 48cp

MAJ08941 International Business

The International Business major provides participants with competencies in the form of practical skills and theoretical foundations to assess the forces of globalisation and to analyse how these impact upon individual firms. A broad perspective is adopted, covering a range of functional activities within the firm, including accounting, marketing, finance, law and management.

Completion requirements

21012	Governance and Sustainability	6ср
21717	International Management	6ср
21745	Service Operations Management	6ср
21811	Global Strategic Management	6ср
21833	International Human Resources Management	6ср
21854	Innovation and Entrepreneurship	6ср
24738	Strategic International Marketing	6cp
25731	International Finance	6cp
		Total 48cp

MAJ08953 Human Resource Development

013960	Individual Communication in the Workplace	6ср
013961	Team Communication in the Workplace	6ср
013972	Organisational Learning	6ср
CBK90550	Options (Human Resource Development major)	36cp
013976	Strategic Human Resource Development	6ср
013097	Human Resource Development in Organisations	6ср
	Tota	166cp

MAJ08954 Argentina

Argentina is the second largest country in Latin America and the eighth largest country in the world, with a population of some 41 million. Argentina is also a country formed by immigration, the majority of the population having Spanish and Italian ancestry. There are also significant mestizo and indigenous populations. Argentina is officially a federation comprising 23 provinces and one autonomous city, Buenos Aires, the capital. The geography of the country is diverse, and includes the vast grasslands of the pampas, the region of Patagonia, and the eastern side of the Andes mountain range; this diversity in turn is responsible for equally diverse climates, from Amazonian tropical conditions to the subpolar conditions of the extreme south. Australia is developing strong links with Argentina, and the local Argentine community is one of Australia's largest Spanish-speaking communities. Argentina emerged from military dictatorship in 1983 and, despite periods of economic collapse and hyperinflation in the 1990s and early 2000s, is now economically and politically stable. Argentina's rich cultural traditions range from the tango and the mythologised figure of the gaucho (Argentina's cowboy) to a literary tradition that has been extraordinarily influential throughout the continent.

Students spend two consecutive semesters studying social science or culture and humanities subjects at one or more institutions of higher education in Argentina through arrangements made by UTS: International Studies. The focus of study varies each semester depending on individual student preferences and the availability of subjects at host institutions. Students are assessed on each semester separately and assessment is based on the subjects undertaken at the host institutions, as well as assessments administered by UTS: International Studies.

Students may expect that no greater costs are incurred through undertaking a period of in-country study in Argentina than are involved in living away from home in Sydney.

Locations

Buenos Aires

Buenos Aires is the capital and largest city in Argentina. It is situated on the southern shore of the Río de la Plata, on the southeastern coast of the South American continent. It was first established in 1536 by a Spanish expedition led by Pedro de Mendoza. Buenos Aires is today an autonomous federal district with a population of around 13 million. It is also the financial, industrial, commercial and cultural hub of Argentina. Its port is one of the busiest in South America. People in Buenos Aires are called porteños: people of the port. Deeply influenced and self-consciously modelled after its European heritage, Buenos Aires - sometimes called the 'Paris of South America' - is the site of Teatro Colón, one of the world's great opera houses. The city has several symphony orchestras and choral societies, and numerous museums related to history, fine arts and modern arts. It harbours many public libraries and cultural associations, as well as the largest concentration of active theatres in Latin America. The city has a

humid subtropical climate. The average year temperature is 17.6 degrees centigrade, and average high temperatures range from 30.4 in January, to 14.9 degrees centigrade in winter.

La Universidad Católica Argentina (UCA) is among the largest and most prestigious private universities in Argentina. It is located in Puerto Madero, one of the oldest suburbs of Buenos Aires. Since its establishment in 1958, UCA has pioneered important educational reforms and attracted prominent academics from diverse fields. Identified closely with its Christian tradition and ethos, UCA promotes academic excellence, personal growth, social justice, and a humanist education.

UCA's faculties include: Ciencias Agrarias, Ciencias Fisicomatemáticas e Ingenieria, Ciencias Médicas, Ciencias Sociales y Económicas, Derecho, Derecho Canónico. Filosofía y Letras, Psicología y Educación, y Teología. Its offerings include: economia, comercio, administración, marketing, ciencias políticas, relaciones internacionales, derecho, ingenierias, informática, filosofía, literatura, historia, música, musicología, eduación, periodismo, publicidad, comunicación institucional, agricultura, tecnología de los alimentos, teología y estudios latinoamericanos.

www.uca.edu.ar

Completion requirements

976001	Foundations in International Studies	8ср
976502	Contemporary Latin(o) Americas	8cp
CBK90484	Spanish Language and Culture	32cp
977542	In-country Study 1: Argentina	24cp
978542	In-country Study 2: Argentina	24cp
	, , ,	Total 96cp

MAJ08955 Management

92790	Evidence-based Practice	6ср
92606	Issues in Australian Health Services	6ср
92612	Research in Health	6ср
92847	Planning and Evaluating Health Services	6cp
SMJ08194	Clinical Management	24cp
CBK90510	Electives	18cp
92023	Health Services Resource Management	6cp
	O	Total 72cp

MAJ08956 Project Management

Select 24 credit points from the following options:			24cp
15315	Project Management Principles	6ср	-
15330	Program Management	6ср	
15325	Value Management, Negotiation and	-	
	Conflict Management	6ср	
15327	Managing Project Complexity	6ср	
15312	Communication and Critical Thinking	6ср	
15314	Project Implementation	6ср	
	, 1	Tota	124cp

MAJ08958 Tourism Management

27735	Tourism and the Industry	6ср
27767	Tourist Behaviour	6cp
27706	Managing Tourism Services	6ср
27700	Sustainable Tourism Management	6cp
27778	Innovative Services Management	6ср
CBK90612	Electives	12cp
		Total 42cp

MAJ08959 Arts Management

27717	Venue and Facility Management	6ср
27763	Arts and Cultural Policy	6cp
27755	Arts Organisations and Management	6ср
27753	Arts and Cultural Industries	6ср
27778	Innovative Services Management	6ср
CBK90612	Electives	12cp
		Total 42cp

MAJ08960 Sport Management

27717	Venue and Facility Management	6ср
27721	Sport Globalisation	6cp
27715	Sport Business	6ср
27732	Sport Organisations	6ср
27778	Innovative Services Management	6ср
CBK90612	Electives	12cp
		Total 42cp

MAJ0896	1 Event Management		Completi	on requirements	
27727	Event Creation Workshop	6ср	CBK90396	6 Electives	12cp
27737	Event Risk Management	6ср	92295	Advanced Health Services Planning	6ср
27765 27726	Event Management Event Concepts and Contexts	6cp	92296	Epidemiology and Population Health	6cp
27717	Venue and Facility Management	6ср 6ср	92297 92946	Health Systems and Change Project Part A	6ср 6ср
CBK90612		12cp		3 Core subjects (Health Services Management)	36cp
		Total 42cp	5111170700	s core subjects (Freuiti Services Management)	Total 72cp
MA INQOA	2 Human Resource Development		MA 1000	(O Cafaty and Ovality in Haalth Cana	_
013960	Individual Communication in the Workplace	6cn		69 Safety and Quality in Health Care	(
013961	Team Communication in the Workplace	е 6ср 6ср	013115 92022	Professional Practice and Changing Work Improving Quality and Safety in Health Care	6cp
013972	Organisational Learning	6ср	92297	Health Systems and Change	e 6cp 6cp
	Options (Human Resource Development ma		92946	Project Part A	6ср
013976	Strategic Human Resource Development	6ср	CBK90398	8 Electives	12cp
013097	Human Resource Development in Organisati	ions 6cp	STM90763	3 Core subjects (Health Services Management)	36cp
010074	Professional Practice 1 Human Resource Development	6ср			Total 72cp
010075	Professional Practice 2	оср	MAJ089	70 Clinical Management	
	Human Resource Development	6ср	92887	Organisational Management in Health Care	6ср
		Total 78cp	92932	Management for Clinicians	6ср
MA 1000/	/ International Dusiness		92790	Evidence-based Practice	6cp
	4 International Business		92612	Research in Health	6ср
21491	Cross Cultural Management	6cp	STM90763	3 Core subjects (Health Services Management)	36cp
24220 21440	International Marketing Management Skills	6cp			Total 72cp
21510	The Global Context of Management	6ср 6ср	MA INSO	72 Human Resources and Management m	naior
25050	Financial Valuation and Strategy	6cp	21702	Industrial Relations	
25053	International Financial Management	6cp	21702	Strategic Human Resource Management	6ср 6ср
CBK90875	Electives (International Business)	12cp	21760	Performance and Talent Management	6ср
		Total 48cp	21833	International Human Resources Managemen	
MA INOOZ	E Ducinosa Studios		CBK90887	7 Electives (MBus Management Extended)	12cp
	5 Business Studies	(Total 36cp
22107 23115	Accounting for Business Decisions A Economics for Business	6ср 6ср	MA IOOO'	72 Operations and Supply Chain Manager	mant
21129	Managing People and Organisations	6ср		73 Operations and Supply Chain Manager	
24108	Marketing Foundations	6ср	21877 21743	Strategic Procurement Business Excellence	6ср 6ср
26134	Business Statistics	6cp	21745	Service Operations Management	6ср
25300	Fundamentals of Business Finance	6ср	21797	Strategic Supply Chain Management	6ср
26100	Integrating Business Perspectives	6ср	CBK90887	7 Electives (MBus Management Extended)	12cp
22207	Accounting for Business Decisions B	6cp Total 48cp			Total 36cp
		10тап 40ср	MA INON	02 Dispute Resolution	
MAJ0896	6 Management Studies			credit points from the following options:	48cp
21129	Managing People and Organisations	6ср	77746	Advanced Mediation	6ср
21511	Global Operations and Supply Chain	,	77752	Commercial Arbitration (Domestic)	6cp
21512	Management	6ср	77761	Dispute Resolution in Commerce	6cp
21312	Understanding Organisations: Theory and Practice	6cn	79771	Dispute Resolution	6cp
21440	Management Skills	6ср 6ср		e of the following:	6ср
21591	Transnational Management	6cp	7775	1 International Commercial Arbitration 6cp	
21510	The Global Context of Management	6cp	77783	1	
21513	Business Ethics and Sustainability	6ср		Resolution 6cp	
Select 6 cr 21227	edit points from the following options:	6ср	77745	Negotiation	6ср
21555	Innovation and Entrepreneurship Human Resource Management	6cp 6cp	77850	Psychology and Dispute Resolution	6cp
21228	Management Consulting	6ср	77867	Workplace Dispute Resolution	6cp
21602	Strategy: Theory and Practice	6ср	78029	Mediation Practice	6cp Total 48cp
	,	Total 48cp			10ан 40ср
MA 1000/	7 Design Consisting		MAJ0900	04 International Trade Law	
	7 Design Specialisation	6	Select 48 o	credit points from the following options:	48cp
88951 88952	Future Design Strategies Design Project Specialisation	6cp	77704	European Union Law	6ср
89400	Design Capstone Project	6ср 12ср	77716	International Trade Law	6cp
07100	Design cupstone Project	Total 24cp	77724	International Banking and Finance Law	6cp
MA IDDO	9 Hoalth Corvises Planning	-1	7775.		6ср
	8 Health Services Planning			Arbitration 6cp	
	vices planning is a recognised health service		77783	1	
	his major provides a comprehensive range of		77935	Resolution 6cp International Business Law	6cn
	ary for those involved with or intending to v f health services. These skills include the capacity		77976	World Trade Organisation Law and	6ср
	n health needs and issues, develop goals, stra			Practice	6ср
	lealth services and manage projects and change		78008	Law of the Sea	6cp
	needs of the health industry and has been develo		77885	Legal Process and Legal Research	6ср
consultatio	on with the departments of health in NSW and Q	ueensland.			Total 48cp

MAJ09005 Law

Select 48 credit points from the following options:				
77715	Banking Law	6ср	_	
77724	International Banking and Finance Law	6ср		
77885	Legal Process and Legal Research	6ср		
77901	Securities Markets Law	6ср		
77980	Estate Planning and Trusts	6ср		
CBK90327	Major subjects choice (Law)	12cp		
		Total	48cp	

MAJ09209 Economics

The study of economics provides students with a greater understanding of how people, businesses and governments make decisions based on their economic environment. Many current issues discussed in public forums and of concern to business are economic in nature. Economics seeks to understand these issues by developing a systematic approach to analysing resource allocation, price determination, income distribution, economic growth and the welfare consequences of economic policies.

A major in economics provides students with powerful tools to systematically evaluate economic behaviour and policy for a wide range of economic problems: firm and consumer behaviour, labour markets, government tax and expenditure policy, education, environmental and resource management, regulating financial systems and managing the aggregate economy. Key analytical tools include microeconomic and macroeconomic theory, empirical analysis using econometric modelling, and game theory.

Economists have a wide range of career options. Employers recognise the ability of those trained in economics to think analytically and clearly about a wide range of issues. Economics majors are also well prepared for employment in diverse areas including business, government, consulting, public policy, industrial relations, international relations, media and environmental studies. Economics is a foundation for postgraduate study in many fields.

Students intending to apply for the honours program in economics should take two of the following optional subjects: 23592 Game Theory, 23565 Mathematics for Economics and Business, 23572 Applied Microeconometrics.

Anti-requisites: MAJ09402 Extended Economics, SMJ09028 Economics

Completion requirements

22=44	T . (D	
23566	Economics for Business 2	6ср
23567	Intermediate Microeconomics	6ср
23568	Intermediate Macroeconomics	6ср
23571	Introductory Econometrics	6ср
23580	The Global Economy (Capstone)	6ср
Select 18 c	redit points from the following options:	18cp
23021	Labour Economics	6ср
23022	Public Economics	6ср
23418	Economics of Money and Finance	6ср
23569	Economic Growth and Development	6ср
23570	Economics of the Environment	6ср
23623	Alternative Perspectives in Contemporary	-
	Economics	6ср
23565	Mathematics for Economics and Business	6cp
23572	Applied Microeconometrics	6cp
23592	Game Theory	6cp
23593	Industrial Organisation	6cp
23591	Economics of Law	6cp
		Total 48cp
		•

MAJ09313 Commercial Law

Select 30 credit points from the following options:				
77945	Current Issues in Taxation	6ср	-	
77715	Banking Law	6ср		
77752	Commercial Arbitration (Domestic)	6ср		
77761	Dispute Resolution in Commerce	6ср		
77900	Goods and Services Tax	6ср		
77930	Insurance Law	6ср		
77724	International Banking and Finance Law	6ср		
77935	International Business Law	6ср		
77751	International Commercial			
	Arbitration	6ср		
77701	International Economic Law (PG)	6ср		
77953	International Taxation Law	6ср		
77716	International Trade Law	6ср		
77901	Securities Markets Law	6ср		
77767	Taxation Administration	6ср		
77796	Taxation of Business Entities	6ср		
77924	Superannuation and Retirement Planning	6ср		

77783	International Commercial Dispute	
	Resolution	6ср
78011	International Sale of Goods	6ср
78026	Business and Law in China	6cp
78042	Environmental Planning and	•
	DevelopmentLaw	6ср
78040	The Law and Education	6ср
76008	Jurisprudence	6ср
76024	Environmental Law	6ср
76053	Industrial Law	6ср
76115	Insolvency	6ср
76212	Revenue Law	6ср
77893	Designs Law and Practice	6ср
78039	Wickedness and Vice	6cp
78041	New Families, New Technologies	6ср
78111	Banking and Finance Law	6cp
78113	Securities Regulation	6cp
78115	Financial Analysis for the Transactional	•
	Lawyer	6ср
78117	International Regulation of Financial	1
	Institutions	6ср
78122	Corporate Insolvency	6ср
78126	Corporate Governance	6ср
78101	Postgraduate Legal Research	6ср
78181	Deceptive Trade Practices	6ср
78162	Global Governance and Social Justice	6ср
77792	Crisis Negotiation	6ср
78173	Dispute Resolution in Civil Practice	6ср
77745	Negotiation	6ср
77867	Workplace Dispute Resolution	6ср
78029	Mediation Practice	6ср
78107	Climate Law and Carbon Markets	6ср
78109	Globalisation and International Economic	
	Law	6ср
78197	Corporate Finance Transactions 1	6ср
78199	Corporate Finance Transactions 2	6ср
78206	International Organisations	6ср
78209	Taxation of Commercial Enterprises	6ср
		Total 30cp
MAJ0932	20 Dispute Resolution	

MAJ09320 Dispute Resolution

MAJ0/32	o Dispute Nesotation		
Select 30 c	redit points from the following options:		30ср
77746	Advanced Mediation	6ср	-
77752	Commercial Arbitration (Domestic)	6ср	
77792	Crisis Negotiation	6ср	
79771	Dispute Resolution	6ср	
77761	Dispute Resolution in Commerce	6ср	
77760	Family Dispute Resolution	6ср	
77751	International Commercial	_	
	Arbitration	6ср	
77745	Negotiation	6ср	
77850	Psychology and Dispute Resolution	6ср	
77867	Workplace Dispute Resolution	6ср	
77783	International Commercial Dispute		
	Resolution	6ср	
78029	Mediation Practice	6ср	
76008	Jurisprudence	6ср	
78173	Dispute Resolution in Civil Practice	6ср	
78138	Facilitation	6ср	
78101	Postgraduate Legal Research	6ср	
78129	Child Law in Australia	6ср	
78135	Current Issues in Family Law	6ср	
78041	New Families, New Technologies	6ср	
78133	Complex Financial and Property Disputes		
	(in Family Law)	6ср	
78141	International and Comparative Family		
	Law	6ср	
78131	Complex Parenting Disputes	6ср	
		Tota	1 30ср

MAJ09322 International Law						
Select 30 c		30ср				
77704	European Union Law	6ср	-			
77724	International Banking and Finance Law	6ср				
77935	International Business Law	6ср				
<i>777</i> 51	International Commercial					
	Arbitration	6ср				
<i>777</i> 01	International Economic Law (PG)	6ср				
77794	International Environmental Law	6ср				
77716	International Trade Law	6ср				
77976	World Trade Organisation Law and					
	Practice	6cp				

77783	International Commercial Dispute		Completio	on requirements		
F0010	Resolution	6cp	Select 48 c	redit points from the following options:		48cp
78010	International Criminal Law	6ср	79708	Contemporary Business Law	6ср	1
78008	Law of the Sea	6cp	77716	International Trade Law	6ср	
78011	International Sale of Goods	6ср	77715	Banking Law	6ср	
78015	Global Aspects of Intellectual Property	6 am	79771	Dispute Resolution	6ср	
78016	Law International Humanitarian Law	6cp	77724	International Banking and Finance Law	6ср	
78023	International Trade Law and the	6ср	77745	Negotiation	6ср	
70023	Environment	6ср	77885	Legal Process and Legal Research	6cp	
78036	Technology, Law and the Future of	оср	77901	Securities Markets Law	6cp	
70000	Entertainment	6ср	77947	Companies and Securities Law	6cp	
76008	Jurisprudence	6cp	77938	Introduction to Taxation Law	6cp	
78041	New Families, New Technologies	6ср	77942	Legal Aspects of Contracts Administration	6cp	1 40
78145	Contemporary Issues in Health Law	6cp			Tota	l 48cp
78147	Dilemmas in Biomedical Law	6cp	MV 10034	3 Industrial and Intellectual Property La	214/	
78150	Law and Mental Health	6ср			2 VV	20
78153	International Commercial Transactions	6ср	77903	redit points from the following options:	600	30ср
78156	International Environmental Law: Policy		77893	Copyright Law Designs Law and Practice	6cp	
	and Implementation	6ср	77898	Patent Law	6ср	
78158	Private International Law	6ср	78015	Global Aspects of Intellectual Property	оср	
78160	Rights and Obligations in the International		70013	Law	6ср	
F04 (0	Legal System	6ср	77889	Trade Marks Law	6ср	
78162	Global Governance and Social Justice	6ср	77890	Trade Marks Practice	6ср	
78164	Law and Regulation	6ср	78036	Technology, Law and the Future of	···r	
78166	Media and Entertainment Law and	6 am		Entertainment	6ср	
70160	Regulation	6cp	76008	Jurisprudence	6cp	
78168 78170	Perspectives on Regulation	6ср	77976	World Trade Organisation Law and	1	
76170	Regulatory Strategies and Compliance Principles	6cn		Practice	6ср	
78178	Telecommunications Law and Regulations	6ср 6ср	78039	Wickedness and Vice	6ср	
78101	Postgraduate Legal Research	6cp	78041	New Families, New Technologies	6ср	
78180	Converging Media Industries: Regulatory	оср	78188	Intellectual Property Commercialisation	6ср	
,0100	Challenges	6ср	78184	Intellectual Property: Law and Policy	6ср	
78182	Human Rights Law	6cp	78186	Intellectual Property and Traditional		
78141	International and Comparative Family	- 1		Knowledge	6cp	
	Law	6ср	77891	Patent Systems	6cp	
78026	Business and Law in China	6cp	78101	Postgraduate Legal Research	6ср	1.00
78105	Genetics and the Law	6ср			Iota	l 30cp
78107	Climate Law and Carbon Markets	6ср	MV 10034	4 International Trade Law		
78109	Globalisation and International Economic					20
	Law	6ср		redit points from the following options:	600	30cp
78126	Corporate Governance	6ср	77704 77724	European Union Law International Banking and Finance Law	6cp	
78201	International Development Law	6cp	77751	International Commercial	6ср	
		Total 30cp	77751	Arbitration	6ср	
MA 10022	2 Information Technology Law		77935	International Business Law	6ср	
	3 Information Technology Law	20	77701	International Economic Law (PG)	6ср	
	redit points from the following options:	30cp	77716	International Trade Law	6cp	
77903	Copyright Law	6cp	77976	World Trade Organisation Law and	1	
77893 77898	Designs Law and Practice	6cp		Practice	6ср	
78015	Patent Law Global Aspects of Intellectual Property	6ср	77745	Negotiation	6ср	
70013	Law	6ср	77746	Advanced Mediation	6ср	
77889	Trade Marks Law	6cp	77783	International Commercial Dispute	_	
77890	Trade Marks Practice	6cp		Resolution	6ср	
78036	Technology, Law and the Future of	оср	77903	Copyright Law	6ср	
, 0000	Entertainment	6ср	78008	Law of the Sea	6ср	
76008	Jurisprudence	6ср	78011	International Sale of Goods	6cp	
78039	Wickedness and Vice	6cp	79771	Dispute Resolution	6cp	
78041	New Families, New Technologies	6cp	78015	Global Aspects of Intellectual Property Law	6ср	
78101	Postgraduate Legal Research	6ср	78023	International Trade Law and the	(
		Total 30cp	77889	Environment	6cp	
			77890	Trade Marks Law Trade Marks Practice	6cp	
MAJ0936	2 Business Law		78026	Business and Law in China	6cp	
The busine	ess person of today cannot operate successfu	lly without	76008	Jurisprudence	6cp 6cp	
	tanding of the legal and regulatory environm		77893	Designs Law and Practice	6ср	
	operate. This major includes wide ranging op		78141	International and Comparative Family	оср	
	a attractive choice to students to select from to		,0111	Law	6ср	
	nd professional needs in the global context.		78153	International Commercial Transactions	6cp	
	skills to enable students to strategically asses		78156	International Environmental Law: Policy	1	
interpret a	nd judiciously apply information for decisior	n-making in		and Implementation	6ср	
the contem	porary dynamic business environment. The ma	jor provides	78158	Private International Law	6ср	
	rith an understanding of the impact of regulat		78160	Rights and Obligations in the International		
	gress a career in the global business environme			Legal System	6ср	
	n awareness and understanding of social, legal	and ethical	78162	Global Governance and Social Justice	6ср	
responsibi	lities in business for a sustainable future.		78182	Human Rights Law	6cp	
			78010	International Criminal Law	6cp	
			78184	Intellectual Property: Law and Policy	6ср	
			78186	Intellectual Property and Traditional	6	
			78101	Knowledge Postgraduate Legal Research	6cp	
			70101	Postgraduate Legal Research	6cp Tota	1 30ср
					1014	· oocp

MAJ09367 Family Law

Select 30 c	redit points from the following options:		30cp
77746	Advanced Mediation	6ср	
79771	Dispute Resolution	6ср	
77760	Family Dispute Resolution	6ср	
77745	Negotiation	6ср	
78041	New Families, New Technologies	6ср	
78040	The Law and Education	6ср	
76008	Jurisprudence	6ср	
78129	Child Law in Australia	6ср	
78133	Complex Financial and Property Disputes	-	
	(in Family Law)	6ср	
78135	Current Issues in Family Law	6ср	
78138	Facilitation	6ср	
78141	International and Comparative Family	_	
	Law	6ср	
78131	Complex Parenting Disputes	6ср	
78101	Postgraduate Legal Research	6ср	
77850	Psychology and Dispute Resolution	6ср	
		Tota	130cp

MAJ09368 Aboriginal Studies and Language, Literacy and Numeracy

013110	Programming and Assessment in Language	
	Literacy and Numeracy	6ср
013103	Issues in Aboriginal Education	6ср
013088	Educational Management	6ср
013082	Aboriginal Social and Political History	6ср
013081	Aboriginal Studies Project	6ср
013981	Teaching Aboriginal Studies	6ср
013149	The Language Literacy and Numeracy Learner	6ср
013102	Introduction to Language	6ср
013971	Teaching and Learning Numeracy	6ср
013118	Teaching and Learning Literacy	6ср
013148	Initiatives in Aboriginal Education	6ср
		otal 66cp

MAJ09370 Language, Literacy and Numeracy

MAJU93/	u Language, Literacy and Numeracy	
013118	Teaching and Learning Literacy	6ср
013102	Introduction to Language	6ср
013110	Programming and Assessment in Language	_
	Literacy and Numeracy	6ср
CBK90551	Options	-
	(Language, Literacy and Numeracy major)	36ср
013971	Teaching and Learning Numeracy	6ср
013149	The Language Literacy and Numeracy Learner	r 6cp
		Total 66cp

MAJ09371 Vocational Education

CBK90552	Options (Vocational Education major)	48cp
013088	Educational Management	6ср
013966	e-Learning Experiences	6ср
013152	Individual Difference and Vocational Education	-
	Teaching	6ср
	To	tal 66cp

MAJ09373 Aboriginal Studies and Community Adult Education

015189 015033	Facilitating Learning Programming for Community Learning	6ср 6ср
015144	Education and Cultural Diversity	6ср
015012	International Perspectives on Adult Education	6ср
	Tot	tal 96cp

MAJ09380 Latino USA

With a population of some 307 million and composed of 50 states, the United States of America is the third-largest nation in terms of size and population in the world. It is the only 20th century superpower to enter the 21st century with its power intact and still boasts the world's largest national economy, the strongest military and extraordinary cultural influence on a global level. The capital is Washington DC and its two biggest and most cosmopolitan cities are New York on the east coast, and Los Angeles on the west coast. Absorbing wave after wave of migrants from all over the world since the original 13 American colonies broke with Great Britain in 1776, the USA is one of the most culturally and racially diverse of nations. This fact, however, has not translated into multicultural harmony, with many members of the nation's African-American, Native American and Latino (Hispanic) populations continuing to experience racism, discrimination and socioeconomic marginalisation, despite the profound impact these groups have had on US culture, politics and society.

The Latino USA major is based on the premises that the USA is one of the world's largest Spanish-speaking countries, and that latinisation is inexorably transforming the USA, and hence Australia's understanding of that country. Already in many cities, Spanish has joined English as a de facto second language and, in some parts of the USA, Spanish has or is approaching majority status. The Latino population of the USA currently stands at some 50 million, a figure that does not include so-called illegal residents, estimated at between 12 and 15 million people, or the four million residents of Puerto Rico. It is estimated that by 2050, Latinos will comprise more than 25 per cent of the US population. Most observers posit that Latinos will be a majority in their own right by the end of the 21st century.

The Latino USA major is designed for students to learn about and experience first hand the demographic, cultural, linguistic, socioeconomic and political processes of latinisation in the USA. The major prepares students for understanding how those latinising processes will transform the USA, and how other parts of the world regard and relate to that country. Students who select this major take advantage of the current demographic, political, socioeconomic, cultural and linguistic transformation of the USA, giving them important skills for any professional area conducted in the Pacific region. The Latino USA major allows students to learn Spanish, to learn about the history and cultures of the USA's heterogeneous Latino sectors, and to spend an academic year of study at universities in parts of the USA with large Latino populations. This major focuses on the 'core' and longest-established Latino sectors: Chicanos and Mexican-Americans, the largest Latino population and the one swelled by continuing mass migration from Mexico; US-resident Puerto Ricans; and Cuban-Americans. But the major also provides space for deeper understanding of other significant Latino communities.

Students spend two consecutive semesters studying Spanish language and Latino cultures at one of the sites below through arrangements made by UTS: International Studies. The sites are located in areas of the USA with substantial Latino populations, thus enabling international studies students to speak Spanish on a daily basis and to undertake research projects based on and in Latino communities.

- San Diego State University
- University of Arizona, Tucson
- University of Texas at El Paso
- University of Miami, Florida.

Students are assessed separately each semester, based on subjects undertaken at the host institutions, as well as assessments administered by UTS: International Studies.

Due to current exchange rates students may expect that greater costs are incurred through undertaking a period of in-country study in the USA than are involved in living away from home in Sydney.

Semester dates

- Semester 1: early January to mid-May (US Spring semester)
- Semester 2: early August to mid-December (US Fall semester)

Locations

San Diego, California

Located in the southwest corner of California on the US-Mexico border and faced by the Mexican city of Tijuana, San Diego is the seventh largest city in the USA with a population of 1.3 million, and a greater metropolitan population of three million. Its Latino population is around 30 per cent of the total. Some 195 kilometres south of Los Angeles, San Diego has long served as a point of cultural transition between California and Mexico. The city's coastal location means that residents have ready access to a string of fine beaches and some of the best surfing on the US west coast. The climate is mild, daytime temperatures rarely straying over 30 degrees in summer or dropping below 20 in the winter.

San Diego State University (SDSU) is the largest university in San Diego and the third largest in California. SDSU is home to nearly 33,000 students and approximately 6400 academic faculty and administrative staff. The main SDSU campus is located in a Mexican-American stronghold, and is connected by regular buses to downtown San Diego, the trip taking approximately half an hour. The campus is compact, most of its streets have Aztec/Nahuatl names, and the buildings are in a fetching neo-Spanish colonial style, surrounded by impressive cactus gardens and lush landscaping. Another campus is located 160 kilometres to the east at El Centro, a migrant feeder town on the California-Mexico border whose population is predominantly Spanish-speaking. SDSU offers undergraduate programs at both campuses in Arts and Letters (Humanities), Business Administration, Education, Engineering, Health and Human Services, Professional Studies and Fine Arts (this faculty includes journalism, tourism, TV/media production, communication, art, design and art history) and the Sciences.

In-country study students and students on exchange have the option of studying at either campus. If based at the main campus, students undertake subjects in Spanish language and culture and Latino and border studies, and may take classes at one of two Mexican universities located across the border in Tijuana in consultation with SDSU teaching staff and the in-country study major coordinator approval. Students based at El Centro undertake the same academic program, but also have a social awareness program built into their academic studies.

In-country study students (Latino USA major) and general exchange students must have a credit average or above to apply. This program is not open to MBA students. Note that there are different requirements for in-country study and exchange students in terms of their study programs at SDSU.

www.sdsu.edu

Tucson, Arizona

Arizona, Tucson, is a thriving desert city of some 525,000 people, and a greater county population of one million, in the south of Arizona, some 100km from the US-Mexico border and the twin cities of Nogales. Bounded by four groups of mountains, Tucson is located in one of the most spectacular desert environments in the USA, home to a huge range of cacti. Given its border and desert location, Tucson has also been one of the most significant US settings for contact and interaction between Anglo-Americans, indigenous peoples and Mexicans. The Tohono O'odham and the Yaqui nations have a significant presence in the city and in nearby reservations. The Latino population of Tucson is around 40 per cent and growing steadily.

UTS students who select the University of Arizona, Tucson for incountry study, undertake classes in Spanish language and Latino, Chicano and Border studies in both semesters of in-country study. Exchange students select subjects in their professional degree area with the approval of their faculty. The University of Arizona is a university with over 34,000 students. It is one of the top ranked research universities in the USA. The main campus of the University of Arizona is located in the heart of Tucson. UA has 18 colleges and 12 schools, which cover such disciplines as humanities, fine arts, agriculture and life sciences, architecture, planning and landscape architecture, education, engineering and mines, pharmacy, public health, science, and social and behavioral sciences. In-country study students undertake subjects in Spanish language and culture, and US Latino studies.

www.arizona.edu

El Paso, Texas

Located on the US-Mexico border at the conjunction of the US states of New Mexico and Texas, and surrounded by the Chihuahuan Desert, El Paso is a thriving border city with a population of some 610,000. Latinos, mostly Mexican American, comprise 80 per cent of the city total, and Spanish is the city's dominant language. Across the Rio Grande (Rio Bravo del Norte) lies the Mexican city of Ciudad Juárez, which has a population of some 1.6 million. Together the two cities form a vast border-straddling metropolis.

UTS students who select the University of Texas at El Paso (UTEP) for in-country study, undertake classes in Spanish language and Latino, Chicano and Border studies in both semesters of in-country study. Exchange students select subjects in their professional degree area with the approval of their faculty. UTEP is the second largest university in the vast University of Texas system. UTEP is a state-run university whose teaching and research program elides neatly with that of UTS. UTEP emphasises professional education, public outreach and the internationalistion of its students' learning experiences. Given its location on the border with Mexico, and in a city that is 75 per cent Mexican American, UTEP also has the highest percentage of Mexican American students of any US university (72 per cent, plus 10 per cent Mexican nationals). UTEP is nationally recognised for its innovative teaching methods and programs designed to help students succeed, and for its vigorous programs of community outreach on both sides of the US-Mexico border. UTEP has some 19,000 students (18 per cent of whom are at graduate level); 82 per cent come from El Paso county (the second poorest county in the USA) and 55 per cent of all students are women. Approximately 58 per cent of UTEP's students are first-generation college students.

www.utep.edu

Miami, Florida

One of the most cosmopolitan and latinised cities in the United States, Miami has a population of 425,000, and its surrounding metropolitan area, the Miami-Dade Metropolitan Area, has an overall population of 5.4 million people, making it the fourth largest urban

area in the USA after New York City, Los Angeles and Chicago. On the edge of the famous Florida everglades, and straddling a series of lagoons and islands, fast-paced Miami has also become one of the financial and economic powerhouses of the US south-east. The city's proximity to the islands of the Caribbean has also made it a first port of call for the region's refugees and exiles; aside from the substantial Cuban-American community that started arriving en masse after the Cuban Revolution in 1959, the city also boasts large Nicaraguan, Haitian, Dominican, Honduran and Colombian populations. Latinos (Hispanics) make up 67 per cent of the total population, with the Cuban-American community alone representing 34 per cent of the total. These figures are predicted to increase dramatically over the next few decades. Spanish does not simply rival English; it is the city's first language.

UTS students who select the University of Miami for in-country study undertake classes in Spanish language and Latino studies in both semesters of in-country study. Exchange students select subjects in their professional degree area with the approval of their faculty. The University of Miami is a private university and one of the largest in south-eastern United States. The main campus is located on 260 acres of tropical vegetation in the City of Coral Gables, a suburb just south of Miami. The university's 13 colleges and schools offer study programs at all levels. While the Coral Gables campus houses nine schools and two colleges, the university has other specialist campuses and schools in downtown Miami, Virginia Key and Biscayne Bay. The university also maintains the Koubek Center in Little Havana, which offers a range of study programs in Spanish language and Latino culture. Other notable centres include the Center for Latin American Studies, and the Institute for Cuban and Cuban-American Studies.

www.miami.edu

Completion requirements

976001	Foundations in International Studies	8ср
976502	Contemporary Latin(o) Americas	8cp
977620	In-country Study 1: Latino USA	24cp
978620	In-country Study 2: Latino USA	24cp
CBK90484	Spanish Language and Culture	32cp
	1 0 0	Total 96cp

MAJ09381 International Trade Law

MAJ0938	1 International Trade Law		
Select 30 ca	redit points from the following options:		30cp
77746	Advanced Mediation	6ср	
77903	Copyright Law	6cp	
79771	Dispute Resolution	6cp	
77704	European Union Law	6cp	
78015	Global Aspects of Intellectual Property	1	
	Law	6ср	
77724	International Banking and Finance Law	6ср	
77935	International Business Law	6ср	
77751	International Commercial	•	
	Arbitration	6ср	
77783	International Commercial Dispute		
	Resolution	6ср	
77701	International Economic Law (PG)	6ср	
78011	International Sale of Goods	6ср	
77716	International Trade Law	6ср	
77976	World Trade Organisation Law and		
	Practice	6ср	
78008	Law of the Sea	6ср	
77745	Negotiation	6ср	
78023	International Trade Law and the		
	Environment	6ср	
77889	Trade Marks Law	6ср	
77890	Trade Marks Practice	6ср	
78026	Business and Law in China	6cp	
76008	Jurisprudence	6cp	
76005	Islamic Law	6cp	
77893	Designs Law and Practice	6ср	
78141	International and Comparative Family	,	
F01F0	Law	6cp	
78153	International Commercial Transactions	6ср	
78156	International Environmental Law: Policy		
70150	and Implementation	6cp	
78158	Private International Law	6ср	
78160	Rights and Obligations in the International	(
70170	Legal System	6cp	
78162 78182	Global Governance and Social Justice	6cp	
	Human Rights Law International Criminal Law	6cp	
78010	mtemational Criminal Law	6cp	1 20ar
		rota	1 30cp

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	82 International Law		20	77796 77924	Taxation of Business Entities Superannuation and Retirement Planning	6ср 6ср
	credit points from the following options:		30ср	78026	Business and Law in China	6ср 6ср
77704	European Union Law	6ср		78042	Environmental Planning and	оср
78015	Global Aspects of Intellectual Property Law	6ср		70012	DevelopmentLaw	6ср
77724	International Banking and Finance Law	6ср		78040	The Law and Education	6cp
77935	International Business Law	6ср		76008	Jurisprudence	6cp
77751	International Commercial	оср		76024	Environmental Law	6cp
,,,,,,	Arbitration	6ср		76053	Industrial Law	6ср
77783	International Commercial Dispute	···r		76115	Insolvency	6ср
	Resolution	6ср		76212	Revenue Law	6ср
78010	International Criminal Law	6ср		76002	Sports Law	6cp
77701	International Economic Law (PG)	6ср		76069	Community Justice Studies	6cp
77794	International Environmental Law	6ср		77893	Designs Law and Practice	6ср
78016	International Humanitarian Law	6ср		78021	Contemporary Issues in Constitutional Law	600
78011	International Sale of Goods	6cp		78039	Wickedness and Vice	6ср 6ср
77716	International Trade Law	6ср		78041	New Families, New Technologies	6ср
77976	World Trade Organisation Law and	6.00		78111	Banking and Finance Law	6ср
78008	Practice Law of the Sea	6cp		78113	Securities Regulation	6ср
78023	International Trade Law and the	6ср		78115	Financial Analysis for the Transactional	···r
70023	Environment	6ср			Lawyer	6ср
78036	Technology, Law and the Future of	оср		78117	International Regulation of Financial	1
70000	Entertainment	6ср			Institutions	6ср
76008	Jurisprudence	6ср		78122	Corporate Insolvency	6ср
76002	Sports Law	6cp		78126	Corporate Governance	6ср
76005	Islamic Law	6ср		78181	Deceptive Trade Practices	6ср
78021	Contemporary Issues in Constitutional	I		78162	Global Governance and Social Justice	6ср
	Law	6ср		78107	Climate Law and Carbon Markets	6ср
78041	New Families, New Technologies	6ср		77792	Crisis Negotiation	6ср
78145	Contemporary Issues in Health Law	6cp		78173	Dispute Resolution in Civil Practice	6ср
78147	Dilemmas in Biomedical Law	6cp		78029	Mediation Practice	6ср
78150	Law and Mental Health	6cp		78109	Globalisation and International Economic	
78153	International Commercial Transactions	6ср			Law	6ср
78156	International Environmental Law: Policy	-		77745	Negotiation	6cp
	and Implementation	6ср		77867	Workplace Dispute Resolution	6cp
78158	Private International Law	6ср		78197	Corporate Finance Transactions 1	6cp
78160	Rights and Obligations in the International			78199	Corporate Finance Transactions 2	6cp
	Legal System	6ср		78206	International Organisations	6cp
78162	Global Governance and Social Justice	6ср		78209	Taxation of Commercial Enterprises	6cp
78164	Law and Regulation	6ср				Total 30cp
78166	Media and Entertainment Law and					
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	Regulation	6ср			34 Industrial and Intellectual Property L	
78168	Perspectives on Regulation	6ср 6ср		Select 30 o	credit points from the following options:	30cp
	Perspectives on Regulation Regulatory Strategies and Compliance	6ср		Select 30 o 77903	credit points from the following options: Copyright Law	30cp 6cp
78168 78170	Perspectives on Regulation Regulatory Strategies and Compliance Principles	6cp 6cp		Select 30 o 77903 77893	credit points from the following options: Copyright Law Designs Law and Practice	30cp
78168 78170 78178	Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations	6ср		Select 30 o 77903	credit points from the following options: Copyright Law Designs Law and Practice Global Aspects of Intellectual Property	30cp 6cp 6cp
78168 78170	Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations Converging Media Industries: Regulatory	6cp 6cp 6cp		Select 30 o 77903 77893 78015	credit points from the following options: Copyright Law Designs Law and Practice Global Aspects of Intellectual Property Law	30cp 6cp 6cp
78168 78170 78178 78180	Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations Converging Media Industries: Regulatory Challenges	6cp 6cp		Select 30 o 77903 77893 78015	credit points from the following options: Copyright Law Designs Law and Practice Global Aspects of Intellectual Property Law Patent Law	30cp 6cp 6cp 6cp
78168 78170 78178	Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations Converging Media Industries: Regulatory Challenges International and Comparative Family	6cp 6cp 6cp		Select 30 of 77903 77893 78015 77898 77889	credit points from the following options: Copyright Law Designs Law and Practice Global Aspects of Intellectual Property Law Patent Law Trade Marks Law	30cp 6cp 6cp 6cp 6cp 6cp
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78168 78170 78178 78180 78141 78026 78182 78105	Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations Converging Media Industries: Regulatory Challenges International and Comparative Family Law Business and Law in China Human Rights Law Genetics and the Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp		Select 30 of 77903 of 77903 of 77893 of 78915 of 77898 of 77890 of 78036 of 76008	credit points from the following options: Copyright Law Designs Law and Practice Global Aspects of Intellectual Property Law Patent Law Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Jurisprudence	30cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
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78168 78170 78178 78180 78141 78026 78182 78105 78107 78109 78126 78201 MAJ093 Select 30 76047 77945 77715 777752 77761 77900	Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations Converging Media Industries: Regulatory Challenges International and Comparative Family Law Business and Law in China Human Rights Law Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Governance International Development Law 83 Commercial Law credit points from the following options: Advanced Contracts Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Dispute Resolution in Commerce Goods and Services Tax	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		Select 30 of 77903 of 77903 of 77903 of 77893 of 7898 of 78890 of 78036 of 78039 of 78041 of 78188 of 7891 of 78184 of 78186 of 77976 of 78039 of 78184 of 78186 of 7	Credit points from the following options: Copyright Law Designs Law and Practice Global Aspects of Intellectual Property Law Patent Law Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Jurisprudence Community Justice Studies World Trade Organisation Law and Practice Wickedness and Vice New Families, New Technologies Intellectual Property Commercialisation Patent Systems Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge 85 Family Law Credit points from the following options: Advanced Mediation	30cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
78168 78170 78178 78180 78141 78026 78182 78105 78107 78109 78126 78201 MAJ093 Select 30 76047 77945 77715 77752 77761 77900 77930	Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations Converging Media Industries: Regulatory Challenges International and Comparative Family Law Business and Law in China Human Rights Law Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Governance International Development Law 83 Commercial Law credit points from the following options: Advanced Contracts Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Dispute Resolution in Commerce Goods and Services Tax Insurance Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 7 Total		Select 30 of 77903 of 77903 of 77903 of 77893 of 7898 of 78890 of 78036 of 78039 of 78041 of 78188 of 7891 of 78184 of 78186 of 77746 of 777746 of 77774	Credit points from the following options: Copyright Law Designs Law and Practice Global Aspects of Intellectual Property Law Patent Law Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Jurisprudence Community Justice Studies World Trade Organisation Law and Practice Wickedness and Vice New Families, New Technologies Intellectual Property Commercialisation Patent Systems Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge 85 Family Law Credit points from the following options: Advanced Mediation Dispute Resolution	30cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
78168 78170 78178 78180 78141 78026 78182 78105 78107 78109 78126 78201 MAJ093 Select 30 76047 77945 77715 77752 77761 77900 77930 77724	Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations Converging Media Industries: Regulatory Challenges International and Comparative Family Law Business and Law in China Human Rights Law Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Governance International Development Law 83 Commercial Law credit points from the following options: Advanced Contracts Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Dispute Resolution in Commerce Goods and Services Tax Insurance Law International Banking and Finance Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		Select 30 of 77903 77893 78915 77898 77890 78036 76008 76069 77976 78039 78041 78188 77891 78184 78186 7891 78184 78186 77746 79771 77760	Credit points from the following options: Copyright Law Designs Law and Practice Global Aspects of Intellectual Property Law Patent Law Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Jurisprudence Community Justice Studies World Trade Organisation Law and Practice Wickedness and Vice New Families, New Technologies Intellectual Property Commercialisation Patent Systems Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge 85 Family Law Credit points from the following options: Advanced Mediation Dispute Resolution Family Dispute Resolution	30cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
78168 78170 78178 78180 78141 78026 78182 78105 78107 78109 78126 78201 MAJ093 Select 30 76047 77945 77715 77752 77761 77900 77930 77724 77935	Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations Converging Media Industries: Regulatory Challenges International and Comparative Family Law Business and Law in China Human Rights Law Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Governance International Development Law 83 Commercial Law credit points from the following options: Advanced Contracts Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Dispute Resolution in Commerce Goods and Services Tax Insurance Law International Banking and Finance Law International Business Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 7 Total		Select 30 of 77903 77893 78015 77898 77889 77890 78036 76008 76069 77976 78039 78041 78188 77891 78184 78186 779746 777745 77760 77745	Credit points from the following options: Copyright Law Designs Law and Practice Global Aspects of Intellectual Property Law Patent Law Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Jurisprudence Community Justice Studies World Trade Organisation Law and Practice Wickedness and Vice New Families, New Technologies Intellectual Property Commercialisation Patent Systems Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge 35 Family Law Credit points from the following options: Advanced Mediation Dispute Resolution Family Dispute Resolution Negotiation	30cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
78168 78170 78178 78180 78141 78026 78182 78105 78107 78109 78126 78201 MAJ093 Select 30 76047 77945 77715 77752 77761 77900 77930 77724	Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations Converging Media Industries: Regulatory Challenges International and Comparative Family Law Business and Law in China Human Rights Law Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Governance International Development Law 83 Commercial Law credit points from the following options: Advanced Contracts Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Dispute Resolution in Commerce Goods and Services Tax Insurance Law International Banking and Finance Law International Business Law International Commercial	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		Select 30 of 77903 77893 78915 77898 77899 77890 78036 76008 76069 77976 78039 78041 78188 77891 78184 78186 MAJ0938 Select 30 of 77746 79771 77760 77745 78041	Credit points from the following options: Copyright Law Designs Law and Practice Global Aspects of Intellectual Property Law Patent Law Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Jurisprudence Community Justice Studies World Trade Organisation Law and Practice Wickedness and Vice New Families, New Technologies Intellectual Property Commercialisation Patent Systems Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge 85 Family Law credit points from the following options: Advanced Mediation Dispute Resolution Family Dispute Resolution Negotiation New Families, New Technologies	30cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
78168 78170 78178 78180 78141 78026 78182 78105 78107 78109 78126 78201 MAJ093 Select 30 76047 77945 77715 77752 77761 77900 77930 77724 77935 77751	Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations Converging Media Industries: Regulatory Challenges International and Comparative Family Law Business and Law in China Human Rights Law Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Governance International Development Law 83 Commercial Law credit points from the following options: Advanced Contracts Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Dispute Resolution in Commerce Goods and Services Tax Insurance Law International Banking and Finance Law International Business Law International Commercial Arbitration	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		Select 30 of 77903 of 77903 of 77903 of 77893 of 78898 of 78890 of 78036 of 76068 of 76069 of 77976 of 78039 of 78188 of 7891 of 78184 of 78186 of 7891 of 78184 of 78186 of 77746 of 79771 of 77745 of 78041 of 78040 of 7	Credit points from the following options: Copyright Law Designs Law and Practice Global Aspects of Intellectual Property Law Patent Law Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Jurisprudence Community Justice Studies World Trade Organisation Law and Practice Wickedness and Vice New Families, New Technologies Intellectual Property Commercialisation Patent Systems Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge 85 Family Law Credit points from the following options: Advanced Mediation Dispute Resolution Family Dispute Resolution Negotiation New Families, New Technologies The Law and Education	30cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
78168 78170 78178 78180 78141 78026 78182 78105 78107 78109 78126 78201 MAJ093 Select 30 76047 77945 77715 77752 77761 77900 77930 77724 77935	Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations Converging Media Industries: Regulatory Challenges International and Comparative Family Law Business and Law in China Human Rights Law Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Governance International Development Law 83 Commercial Law credit points from the following options: Advanced Contracts Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Dispute Resolution in Commerce Goods and Services Tax Insurance Law International Banking and Finance Law International Business Law International Commercial Arbitration International Commercial Dispute	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp		Select 30 of 77903 of 77903 of 77903 of 77893 of 7898 of 7889 of 7890 of 8036 of 8069 of 7976 of 8039 of 8041 of 8188 of 8186 of 8188 of 8186 of 8188 of 8186 of 8188 of 8186 of 8188	Credit points from the following options: Copyright Law Designs Law and Practice Global Aspects of Intellectual Property Law Patent Law Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Jurisprudence Community Justice Studies World Trade Organisation Law and Practice Wickedness and Vice New Families, New Technologies Intellectual Property Commercialisation Patent Systems Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge 35 Family Law Credit points from the following options: Advanced Mediation Dispute Resolution Family Dispute Resolution Negotiation New Families, New Technologies The Law and Education Jurisprudence	30cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
78168 78170 78178 78180 78141 78026 78182 78105 78109 78126 78201 MAJ093 Select 30 76047 77945 77715 77752 77761 77900 77930 77724 77935 77751 77783	Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations Converging Media Industries: Regulatory Challenges International and Comparative Family Law Business and Law in China Human Rights Law Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Governance International Development Law 83 Commercial Law credit points from the following options: Advanced Contracts Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Dispute Resolution in Commerce Goods and Services Tax Insurance Law International Banking and Finance Law International Business Law International Commercial Arbitration International Commercial Dispute Resolution	6cp		Select 30 of 77903 of 77903 of 77903 of 77903 of 77893 of 7898 of 7889 of 7890 of 8036 of 78039 of 8039 of 8041 of 8188 of 8186 of 8188 of 818	credit points from the following options: Copyright Law Designs Law and Practice Global Aspects of Intellectual Property Law Patent Law Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Jurisprudence Community Justice Studies World Trade Organisation Law and Practice Wickedness and Vice New Families, New Technologies Intellectual Property Commercialisation Patent Systems Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge 85 Family Law Credit points from the following options: Advanced Mediation Dispute Resolution Family Dispute Resolution Negotiation New Families, New Technologies The Law and Education Jurisprudence Islamic Law	30cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
78168 78170 78178 78180 78141 78026 78182 78105 78107 78109 78126 78201 MAJ093 Select 30 76047 77945 77715 777752 77761 77900 77930 77724 77935 77751 777783 777701	Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations Converging Media Industries: Regulatory Challenges International and Comparative Family Law Business and Law in China Human Rights Law Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Governance International Development Law 83 Commercial Law credit points from the following options: Advanced Contracts Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Dispute Resolution in Commerce Goods and Services Tax Insurance Law International Banking and Finance Law International Business Law International Commercial Arbitration International Commercial Dispute Resolution International Economic Law (PG)	6cp		Select 30 of 77903 77893 78915 77898 77890 78036 78036 76008 76069 77976 78039 78041 78188 77891 78184 78186 7891 77746 79771 77760 77745 78041 78040 76008 76008 76005 78129	Credit points from the following options: Copyright Law Designs Law and Practice Global Aspects of Intellectual Property Law Patent Law Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Jurisprudence Community Justice Studies World Trade Organisation Law and Practice Wickedness and Vice New Families, New Technologies Intellectual Property Commercialisation Patent Systems Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge 85 Family Law Credit points from the following options: Advanced Mediation Dispute Resolution New Families, New Technologies The Law and Education Jurisprudence Islamic Law Child Law in Australia	30cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
78168 78170 78178 78180 78141 78026 78182 78105 78107 78109 78126 78201 MAJ093 Select 30 76047 77945 77715 77752 77761 77900 77930 77724 77935 77751 77783 77701 78011	Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations Converging Media Industries: Regulatory Challenges International and Comparative Family Law Business and Law in China Human Rights Law Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Governance International Development Law 83 Commercial Law credit points from the following options: Advanced Contracts Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Dispute Resolution in Commerce Goods and Services Tax Insurance Law International Banking and Finance Law International Business Law International Commercial Arbitration International Commercial Dispute Resolution International Economic Law (PG) International Sale of Goods	6cp		Select 30 of 77903 77893 78915 77898 77890 78036 78036 76008 76069 77976 78188 77891 78184 78186 7891 77746 79771 77760 77745 78041 78040 76008 76005 78129 78131	Credit points from the following options: Copyright Law Designs Law and Practice Global Aspects of Intellectual Property Law Patent Law Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Jurisprudence Community Justice Studies World Trade Organisation Law and Practice Wickedness and Vice New Families, New Technologies Intellectual Property Commercialisation Patent Systems Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge 85 Family Law Credit points from the following options: Advanced Mediation Dispute Resolution Negotiation New Families, New Technologies The Law and Education Jurisprudence Islamic Law Child Law in Australia Complex Parenting Disputes	30cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
78168 78170 78178 78178 78180 78141 78026 78182 78105 78107 78109 78126 78201 MAJ093 Select 30 76047 77945 77715 77752 77761 77900 77930 77930 77724 77935 77751 77783 77701 78011 77953	Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations Converging Media Industries: Regulatory Challenges International and Comparative Family Law Business and Law in China Human Rights Law Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Governance International Development Law 83 Commercial Law credit points from the following options: Advanced Contracts Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Dispute Resolution in Commerce Goods and Services Tax Insurance Law International Banking and Finance Law International Business Law International Commercial Arbitration International Commercial Dispute Resolution International Economic Law (PG) International Sale of Goods International Taxation Law	6cp		Select 30 of 77903 77893 78915 77898 77890 78036 78036 76008 76069 77976 78039 78041 78188 77891 78184 78186 7891 77746 79771 77760 77745 78041 78040 76008 76008 76005 78129	Credit points from the following options: Copyright Law Designs Law and Practice Global Aspects of Intellectual Property Law Patent Law Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Jurisprudence Community Justice Studies World Trade Organisation Law and Practice Wickedness and Vice New Families, New Technologies Intellectual Property Commercialisation Patent Systems Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge 85 Family Law Credit points from the following options: Advanced Mediation Dispute Resolution New Families, New Technologies The Law and Education Jurisprudence Islamic Law Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes	30cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
78168 78170 78178 78178 78180 78141 78026 78182 78105 78107 78109 78126 78201 MAJ093 Select 30 76047 77945 77715 77752 77761 77900 77930 77724 77935 77751 77783 77701 78011 77953 77716	Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations Converging Media Industries: Regulatory Challenges International and Comparative Family Law Business and Law in China Human Rights Law Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Governance International Development Law 83 Commercial Law credit points from the following options: Advanced Contracts Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Dispute Resolution in Commerce Goods and Services Tax Insurance Law International Banking and Finance Law International Business Law International Commercial Arbitration International Commercial Dispute Resolution International Economic Law (PG) International Sale of Goods International Taxation Law	6cp		Select 30 of 77903 77893 78915 77898 77890 78036 78036 76008 76069 77976 78039 78041 78188 77891 78184 78186 77746 79771 77760 77745 78041 78040 76008 76005 78129 78131 78133	Credit points from the following options: Copyright Law Designs Law and Practice Global Aspects of Intellectual Property Law Patent Law Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Jurisprudence Community Justice Studies World Trade Organisation Law and Practice Wickedness and Vice New Families, New Technologies Intellectual Property Commercialisation Patent Systems Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge 35 Family Law Credit points from the following options: Advanced Mediation Dispute Resolution Family Dispute Resolution New Families, New Technologies The Law and Education Jurisprudence Islamic Law Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes (in Family Law)	30cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
78168 78170 78178 78178 78180 78141 78026 78182 78105 78107 78109 78126 78201 MAJ093 Select 30 76047 77945 77715 77752 77761 77900 77930 77930 77724 77935 77751 77783 77701 78011 77953	Perspectives on Regulation Regulatory Strategies and Compliance Principles Telecommunications Law and Regulations Converging Media Industries: Regulatory Challenges International and Comparative Family Law Business and Law in China Human Rights Law Genetics and the Law Climate Law and Carbon Markets Globalisation and International Economic Law Corporate Governance International Development Law 83 Commercial Law credit points from the following options: Advanced Contracts Current Issues in Taxation Banking Law Commercial Arbitration (Domestic) Dispute Resolution in Commerce Goods and Services Tax Insurance Law International Banking and Finance Law International Business Law International Commercial Arbitration International Commercial Dispute Resolution International Economic Law (PG) International Sale of Goods International Taxation Law	6cp		Select 30 of 77903 77893 78915 77898 77890 78036 78036 76008 76069 77976 78188 77891 78184 78186 7891 77746 79771 77760 77745 78041 78040 76008 76005 78129 78131	Credit points from the following options: Copyright Law Designs Law and Practice Global Aspects of Intellectual Property Law Patent Law Trade Marks Law Trade Marks Practice Technology, Law and the Future of Entertainment Jurisprudence Community Justice Studies World Trade Organisation Law and Practice Wickedness and Vice New Families, New Technologies Intellectual Property Commercialisation Patent Systems Intellectual Property: Law and Policy Intellectual Property and Traditional Knowledge 85 Family Law Credit points from the following options: Advanced Mediation Dispute Resolution New Families, New Technologies The Law and Education Jurisprudence Islamic Law Child Law in Australia Complex Parenting Disputes Complex Financial and Property Disputes	30cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6

78141	International and Comparative Family			76212	Revenue Law	6ср
70111	Law	6ср		78040	The Law and Education	6ср
77850	Psychology and Dispute Resolution	6ср		78042	Environmental Planning and	ocp
78029	Mediation Practice	6ср			DevelopmentLaw	6ср
77761	Dispute Resolution in Commerce	6cp		77893	Designs Law and Practice	6cp
77792	Crisis Negotiation	6ср		78039	Wickedness and Vice	6cp
	_	Total 30	0ср	78041	New Families, New Technologies	6ср
				78111	Banking and Finance Law	6ср
MAJ093	86 Dispute Resolution Law			78113	Securities Regulation	6ср
Select 30	credit points from the following options:	30	Оср	78115	Financial Analysis for the Transactional	
77746	Advanced Mediation	6ср		-044-	Lawyer	6ср
77752	Commercial Arbitration (Domestic)	6ср		78117	International Regulation of Financial	
77792	Crisis Negotiation	6ср		70100	Institutions	6ср
79771	Dispute Resolution	6cp		78122	Corporate Insolvency	6cp
77761	Dispute Resolution in Commerce	6cp		78126 78181	Corporate Governance	6cp
77760	Family Dispute Resolution	6ср		78162	Deceptive Trade Practices Global Governance and Social Justice	6cp
77751	International Commercial	C		77792	Crisis Negotiation	6ср 6ср
77702	Arbitration	6ср		78173	Dispute Resolution in Civil Practice	6ср
77783	International Commercial Dispute	600		78107	Climate Law and Carbon Markets	6ср
77745	Resolution Negotiation	6cp		77867	Workplace Dispute Resolution	6ср
77850	Psychology and Dispute Resolution	6ср 6ср		78197	Corporate Finance Transactions 1	6cp
77867	Workplace Dispute Resolution	6ср		78199	Corporate Finance Transactions 2	6cp
78029	Mediation Practice	6ср		78206	International Organisations	6cp
76008	Jurisprudence	6ср			8	Total 30cp
78173	Dispute Resolution in Civil Practice	6ср				1
78138	Facilitation	6ср		MAJ093	89 International Trade Law	
78129	Child Law in Australia	6cp		Select 30	credit points from the following options:	30ср
78135	Current Issues in Family Law	6ср		77701	International Economic Law (PG)	6ср
78041	New Families, New Technologies	6cp		77704	European Union Law	6cp
78131	Complex Parenting Disputes	6cp		77716	International Trade Law	6cp
78141	International and Comparative Family	1		77724	International Banking and Finance Law	6cp
	Law	6ср		77745	Negotiation	6cp
78133	Complex Financial and Property Disputes	1		77746	Advanced Mediation	6cp
	(in Family Law)	6ср		77751	International Commercial	1
		Total 30	0ср		Arbitration	6ср
			•	77783	International Commercial Dispute	1
MAJ093	87 Information Technology Law				Resolution	6ср
Select 30	credit points from the following options:	30	Оср	77903	Copyright Law	6ср
77903	Copyright Law	6ср	1	77935	International Business Law	6ср
77893	Designs Law and Practice	6cp		77976	World Trade Organisation Law and	_
77898	Patent Law	6cp			Practice	6ср
78015	Global Aspects of Intellectual Property	1		78008	Law of the Sea	6ср
	Law	6ср		78011	International Sale of Goods	6ср
77889	Trade Marks Law	6ср		78015	Global Aspects of Intellectual Property	
77890	Trade Marks Practice	6ср			Law	6ср
78036	Technology, Law and the Future of	_		78023	International Trade Law and the	
	Entertainment	6ср			Environment	6ср
76008	Jurisprudence	6ср		79771	Dispute Resolution	6ср
76069	Community Justice Studies	6ср		77889	Trade Marks Law	6ср
78039	Wickedness and Vice	6ср		77890	Trade Marks Practice	6cp
78041	New Families, New Technologies	6ср		78026	Business and Law in China	6ср
		Total 30	0ср	76008	Jurisprudence	6cp
				77893	Designs Law and Practice	6ср
MAJ093	88 Commercial Law			78141	International and Comparative Family	
Select 30	credit points from the following options:	30	Оср	70152	Law	6cp
77701	International Economic Law (PG)	6ср		78153 78156	International Commercial Transactions	6ср
77715	Banking Law	6ср		78156	International Environmental Law: Policy	6an
77716	International Trade Law	6ср		78158	and Implementation Private International Law	6cp
77724	International Banking and Finance Law	6ср		78160		6ср
77751	International Commercial			70100	Rights and Obligations in the International Legal System	6ср
	Arbitration	6cp		78162	Global Governance and Social Justice	6ср
77752	Commercial Arbitration (Domestic)	6ср		78182		6ср 6ср
77761	Dispute Resolution in Commerce	6ср		78010	Human Rights Law International Criminal Law	6ср 6ср
77767	Taxation Administration	6ср		70010	International Cilimital Law	Total 30cp
77783	International Commercial Dispute					rotar socp
	Resolution	6cp		MA IN93	90 Corporate and Commercial Law	
77796	Taxation of Business Entities	6cp				
77900	Goods and Services Tax	6cp			s major is only available to students enrolled in	
77901	Securities Markets Law	6cp		of Laws (C04143) (see page 328) and the Doctor of Jurio	lical Science
77924	Superannuation and Retirement Planning	6cp		(C02027)	(see page 474).	
77935	International Business Law	6cp		Market cı	rashes and corporate collapses. The rise of mu	ultinationals
77945	Current Issues in Taxation	6cp			global influence and yet too often hitting the	
77953	International Taxation Law	6cp			of scandal and questionable ethics. These are	
78011	International Sale of Goods	6ср			corporate and commercial law. Imbued with a	
78026	Business and Law in China	6cp			onal focus, this specialisation explores an	
76008	Jurisprudence	6cp			ontroversies, advances a deeper understanding	
76024	Environmental Law	6cp			es improvement in regulation, policy and prac	
76053	Industrial Law	6cp		1		
76115	Insolvency	6ср				

Completion requirements

Select 24 c	redit points from the following options:		24cp
78110	Banking and Finance Law	8cp	-1
78112	Securities Regulation	8cp	
78114	Financial Analysis for the Transactional	1	
	Lawyer	8cp	
78116	International Regulation of Financial	1	
	Institutions	8cp	
78118	Business and Law in China	8cp	
78119	Commercial Arbitration (Domestic)	8cp	
78121	Corporate Insolvency	8cp	
78123	Deceptive Trade Practices	8cp	
78124	Dispute Resolution in Commerce	8cp	
78125	Corporate Governance	8cp	
78100	Postgraduate Legal Research	8cp	
78161	Global Governance and Social Justice	8cp	
78171	Crisis Negotiation	8cp	
78172	Dispute Resolution in Civil Practice	8cp	
78175	Negotiation	8cp	
78176	Workplace Dispute Resolution	8cp	
78174	Mediation Practice	8cp	
78196	Insurance Law	8cp	
78106	Climate Law and Carbon Markets	8cp	
78108	Globalisation and International Economic		
	Law	8cp	
78198	Corporate Finance Transactions 1	8cp	
78200	Corporate Finance Transactions 2	8cp	
78207	International Organisations	8cp	
78208	Taxation of Commercial Enterprises	8cp	
78217	Competition Law in a Global Context	8cp	
78228	Financial Services Law and Compliance in		
	Australia	8cp	
78221	Commercial Equity	8cp	
78215	Finance Law	8cp	
77800	International Commercial Dispute		
	Resolution	8cp	
		Tota	1 24cp

MAJ09392 International Law

Note: This major is only available to students enrolled in the Master of Laws (C04143) (see page 328) and the Doctor of Juridical Science (C02027) (see page 474).

International Law allows students to delve into the ideals and lapsed promises of human rights, interrogate the effectiveness of existing financial market regulation, or explore the inner-workings of international criminal courts or cross-border intellectual property law. Discrete areas of law in their own right, these subjects are united in their global scope and affect. The subjects offered in the international law specialisation provide students with transnational expertise.

Completion requirements

Completin	on requirements		
Select 24 c	redit points from the following options:		24cp
78151	Human Rights Law	8cp	
78152	International Commercial Transactions	8cp	
78154	International Criminal Law	8cp	
78155	International Environmental Law: Policy		
	and Implementation	8ср	
78157	Private International Law	8cp	
78159	Rights and Obligations in the International		
	Legal System	8ср	
78100	Postgraduate Legal Research	8cp	
78161	Global Governance and Social Justice	8cp	
78118	Business and Law in China	8cp	
78140	International and Comparative Family		
	Law	8cp	
78183	Global Aspects of Intellectual Property		
	Law	8cp	
78106	Climate Law and Carbon Markets	8cp	
78108	Globalisation and International Economic		
	Law	8cp	
78125	Corporate Governance	8cp	
78202	International Development Law	8cp	
78223	Law of Slavery and Human Trafficking	8cp	
78224	International Trade Law and the		
	Environment	8cp	
78215	Finance Law	8cp	
78217	Competition Law in a Global Context	8cp	
77800	International Commercial Dispute		
	Resolution	8cp	
		Tota	1 24cp

MAJ09395 Social Inquiry

58122	Introduction to Social Inquiry	8cp
58123	Society, Economy and Globalisation	8cp
58124	Local Transformations	8cp
58218	Ideology, Beliefs and Visions	8cp
58219	Social Change Communication	8cp
58314	Social Inquiry Placement	8cp
	1 ,	Total 48cp

MAJ09396 Aboriginal Studies and Language, Literacy and Numeracy

013110	Programming and Assessment in Language	
	Literacy and Numeracy	6ср
013103	Issues in Aboriginal Education	6ср
013088	Educational Management	6ср
013082	Aboriginal Social and Political History	6ср
013081	Aboriginal Studies Project	6ср
013981	Teaching Aboriginal Studies	6ср
013149	The Language Literacy and Numeracy Learne	r 6cp
013102	Introduction to Language	6ср
013971	Teaching and Learning Numeracy	6ср
013118	Teaching and Learning Literacy	6ср
013148	Initiatives in Aboriginal Education	6ср
010070	Professional Practice 1 Language Literacy and	•
	Numeracy	6ср
010071	Professional Practice 2 Language Literacy and	•
	Numeracy	6ср
	•	Total 78cp

MAJ09397 Language, Literacy and Numeracy

, , . ,	, Language, Liveracy and itamieracy	
013118	Teaching and Learning Literacy	6ср
013102	Introduction to Language	6ср
013110	Programming and Assessment in Language	•
	Literacy and Numeracy	6ср
013971	Teaching and Learning Numeracy	6cp
013149	The Language Literacy and Numeracy Learner	6ср
010070	Professional Practice 1 Language Literacy and	-
	Numeracy	6ср
010071	Professional Practice 2 Language Literacy and	-
	Numeracy	6ср
013958	Language Teaching Methodology	6ср
013152	Individual Difference and Vocational Education	n -
	Teaching	6ср
013831	Maths for Numeracy Teachers	6ср
CBK90414	Options	_
	(Language, Literacy and Numeracy major)	18cp
	Τ	otal 78cp

MAJ09398 Vocational Education

CBK90552	Options (Vocational Education major)	48cp
013088	Educational Management	6ср
013966	e-Learning Experiences	6ср
013152	Individual Difference and Vocational Education	-
	Teaching	6ср
010072	Professional Practice 1 Vocational Education and	•
	Training	6ср
010073	Professional Practice 2 Vocational Education and	1
	Training	6ср
	Tota	178cp

MAJ09399 Legal Studies

	•		
76006	Public International Law		6ср
70110	Introduction to Law		6ср
Select 36 c	redit points from the following options:		36ср
76003	Asian Law and Legal Systems	6ср	-
76005	Islamic Law	6ср	
76007	International Human Rights Law	6ср	
76008	Jurisprudence	6ср	
76068	Indigenous Peoples and the Law	6ср	
76081	Gender, Law and Sexuality	6ср	
76703	Indigenous Peoples, the Environment and	-	
	Property	6ср	
77704	European Union Law	6ср	
77794	International Environmental Law	6ср	
78008	Law of the Sea	6ср	
78016	International Humanitarian Law	6ср	
78039	Wickedness and Vice	6ср	
76009	Introduction to Chinese Business Law	6ср	
76013	World Trade Law	6ср	

76001	Comparative Law	6ср
79603	International Business Transactions	•
	and the Law	6ср
70120	Legal Method and Research	6cp
		Total 48cp

MAJ09400 Intellectual Property

Note: This major is only available to students enrolled in the Master of Laws (C04143) (see page 328) and the Doctor of Juridical Science (C02027) (see page 474).

The rise of the information economy – the age of ideas – has created new areas of law to keep pace. Intellectual Property covers the broad canvas of such rights, including trademarks, patents, designs and copyrights, as well as issues of infringement. As a rapidly developing area of law, this specialisation offers students both a critical grounding in the foundations of intellectual property and an examination of key tensions - such as piracy, infringement and international trade agreements, and how indigenous rights are weighed against commercial interests of major pharmaceuticals.

Note: Many of the subjects in this major are taught by distance only. International students should be aware that their visa may require them to enrol in at least 75 per cent of subjects via face-to-face teaching.

Completion requirements

Select 24 credit points from the following options:		24cp
78190	Patent Law	8cp
78191	Patent Systems	8cp
78192	Trade Marks Law	8cp
78193	Trade Marks Practice	8cp
78194	Designs Law and Practice	8cp
78195	Copyright Law	8cp
78189	Intellectual Property Commercialisation	8cp
78185	Intellectual Property: Law and Policy	8cp
78187	Intellectual Property and Traditional	_
	Knowledge	8ср
78100	Postgraduate Legal Research	8cp
78183	Global Aspects of Intellectual Property Law	8cp
		Total 24cp

MAJ09401 Business Law

The Business Law major introduces students to legal issues that impact upon the business sector. This major builds upon introductory law subjects and gives students the opportunity to study a range of subjects that assist their careers.

Completion requirements

Select 48 credit points from the following options:	48cp
STM90558 Law for Business	48cp
STM90559 Foundations of Law	48cp
	Total 48cp

MAJ09402 Extended Economics

Knowledge of both theoretical and applied aspects of economics provides students with a strong basis for understanding economic behaviour and for evaluating economic policy. This major provides the opportunity to obtain a more extensive knowledge of economics and its fields.

Subjects in the extended economics major address a wide range of economic problems and analytical techniques.

Students intending to apply for the honours program in economics should include 23592 Game Theory, 23565 Mathematics for Economics and Business and/or 23572 Applied Microeconometrics as optional subjects.

Anti-requisites: MAJ09209 Economics, SMJ09028 Economics

Completion requirements

23566	Economics for Business 2		6ср
23592	Game Theory		6cp
23567	Intermediate Microeconomics		6cp
23568	Intermediate Macroeconomics		6cp
23571	Introductory Econometrics		6ср
23580	The Global Economy (Capstone)		6ср
Select 36	credit points from the following options:		36ср
23021	Labour Economics	6ср	_
23022	Public Economics	6ср	
23304	Asian-Australian Economics Relations	6ср	
23418	Economics of Money and Finance	6ср	
23623	Alternative Perspectives in Contemporary	_	
	Economics	6ср	

23591	Economics of Law	6cp Total 72cp

Mathematics for Economics and Business

Economic Growth and Development

Economics of the Environment

Applied Microeconometrics

Industrial Organisation

6ср

6ср

6ср

6ср

6ср

23569

23570

23572

23565

23593

MAJ09403 Corporate and Commercial Law			
Select 24	credit points from the following options:		24cp
77930	Insurance Law	6ср	1
78111	Banking and Finance Law	6ср	
78117	International Regulation of Financial	1	
	Institutions	6ср	
77752	Commercial Arbitration (Domestic)	6ср	
78113	Securities Regulation	6ср	
78115	Financial Analysis for the Transactional	_	
	Lawyer	6ср	
78122	Corporate Insolvency	6ср	
78126	Corporate Governance	6ср	
78181	Deceptive Trade Practices	6ср	
78197	Corporate Finance Transactions 1	6ср	
78199	Corporate Finance Transactions 2	6ср	
77745	Negotiation	6ср	
77761	Dispute Resolution in Commerce	6ср	
78101	Postgraduate Legal Research	6ср	
78026	Business and Law in China	6ср	
78162	Global Governance and Social Justice	6ср	
77792	Crisis Negotiation	6ср	
78173	Dispute Resolution in Civil Practice	6ср	
77867	Workplace Dispute Resolution	6ср	
78029	Mediation Practice	6cp	
78107	Climate Law and Carbon Markets	6ср	
78109	Globalisation and International Economic		
H 000/	Law	6cp	
78206	International Organisations	6cp	
78209	Taxation of Commercial Enterprises	6cp	
78216	Competition Law in a Global Context	6ср	
78227	Financial Services Law and Compliance		
70000	in Australia	6cp	
78220	Commercial Equity	6cp	
78214	Finance Law	6ср	104
		Iota	1 24cp

MAJ09405 International Law

Select 24 credit points from the following options:			24cp	
	78010	International Criminal Law	6ср	1
	78015	Global Aspects of Intellectual Property	-	
		Law	6ср	
	78109	Globalisation and International Economic	-	
		Law	6ср	
	78153	International Commercial Transactions	6ср	
	78158	Private International Law	6ср	
	78160	Rights and Obligations in the International	•	
		Legal System	6ср	
	78201	International Development Law	6ср	
	78101	Postgraduate Legal Research	6ср	
	78182	Human Rights Law	6ср	
	78156	International Environmental Law: Policy		
		and Implementation	6ср	
	78162	Global Governance and Social Justice	6ср	
	78026	Business and Law in China	6ср	
	78141	International and Comparative Family		
		Law	6ср	
	78107	Climate Law and Carbon Markets	6ср	
	78126	Corporate Governance	6ср	
	78216	Competition Law in a Global Context	6ср	
	78222	Law of Slavery and Human Trafficking	6ср	
	78214	Finance Law	6ср	
	78023	International Trade Law and the		
		Environment	6ср	
			Tota	1 24cp

MAJ09406 Intellectual Property

Select 24 o	credit points from the following options:		24cp
78184	Intellectual Property: Law and Policy	6ср	-
77889	Trade Marks Law	6ср	
77890	Trade Marks Practice	6ср	
77893	Designs Law and Practice	6ср	
77898	Patent Law	6ср	
77903	Copyright Law	6ср	

78186	Intellectual Property and Traditional	
	Knowledge	6ср
78188	Intellectual Property Commercialisation	6ср
78015	Global Aspects of Intellectual Property	•
	Law	6ср
78101	Postgraduate Legal Research	6ср
77891	Patent Systems	6ср
	•	Total 24cp

MAJ09409 Colombia

Colombia is one of the most fascinating, culturally and biologically diverse countries in Latin America and is located in the north-west of the South American continent close to Panama. It has a population of over 46 million people. It was originally the centre of Gran Colombia, a post-independence confederation of Colombia, Venezuela, Panama, and Ecuador. Colombia is bordered to the northwest by Panama; to the north by the Caribbean Sea; to the east by Venezuela and Brazil; to the south by Ecuador and Peru; and to the west by the Pacific Ocean. It has a vast range of climatic conditions, from the snow-capped Andes and volcanoes, to the Amazonian jungle, the Guajira desert and fertile savannahs. Bogotá is the capital of Colombia and is located in the centre of the country at an elevation of about 2650m (8660ft) above sea level on a mountain rimmed savannah high in the Cordillera Oriental of the Andes Mountains. This gives it constant spring like weather. It was founded in 1538 by the Spanish conquistador Gonzalo Jiménez de Quesada. The new city became the vice-regal capital of New Granada in 1717. It was captured by Simón Bolívar in 1819 and was the capital of the independent nation of Great Colombia. Bogotanos preserve and cherish their churches, convents, homes (built in the ornate Spanish colonial style) and these influences are still visible. Bogotanos pride themselves on claiming their city as the Athens of South America and the city is Colombia's largest financial, political, cultural and educational centre. Its 7.3 million inhabitants include a multitude of immigrants from all over the world, which makes the capital a true microcosm of the nation. Modern highrises and skyscrapers contrast with old houses of colonial and republican architecture. Bogotá offers residents and visitors everything that a modem city can give. Cultural activities abound and its enormous selection of restaurants, bars and nightclubs offers all kinds of food and entertainment. Industries include printing and publishing, motor vehicle assembly, food processing, and the manufacture of beverages, textiles, metals goods, machinery, and electrical equipment. Many banks and corporations maintain their headquarters in the city. Railroads and highways, including the Pan-American Highway, link the city with other major centres.

Locations

Bogotá

Universidad de los Andes

The University of the Andes (Universidad de los Andes) is one of Colombia's best public universities, home to approximately 17,000 students. It is located in the centre of the city against the base of the mountains and has handsome views of the city and is close to other major universities. It is a coeducational, nonsectarian private university located in city centre Bogotá, Colombia. The University has nine faculties: Administration, Architecture and Design, Arts and Humanities, Sciences, Social Sciences, Law, Economics, Engineering and Medicine, which offer undergraduate and postgraduate programs; and the Center for Research and Training in Education (CIFE), and the Interdisciplinary Center for Development Studies (CIDER), for postgraduate programs. It is ranked as a top tier university in Latin America, occupying sixth place in the subcontinent according to the QS Times Higher Education classification. The university was founded in 1948 by a group of Colombian intellectuals and was the first university in the country to be nonsectarian, that is, independent of political parties or influence from the state or the church. Today, the University seeks to model itself after major research universities through strategies such as greater focus on graduate education and research.

www.uniandes.edu.co

www.uniandes.edu.co/component/content/article/656-about-uniandes

Academic calendar

- Semester 1: mid-January to early May
- Semester 2: mid-August to late November
- Summer semester: early June to late July

Pontificia Universidad Javeriana

The Pontificia Universidad Javeriana is one of the oldest private universities in Colombia, founded in 1623. Its main facilities are in Bogotá and a second campus in Cali. It has 18 schools comprising 61 departments and 181 academic programs catering to different areas of knowledge, giving the university its multidisciplinary nature. The Javeriana University in Cali offers 18 schools in four different faculties. It is located in Pance in Southern Cali and is considered to be a very prestigious university. The Javieriana has a Latin American Centre, which teaches Spanish language and culture classes. These classes are complimentary. The language centre is the oldest such language centre attached to a university in Colombia (established in the 1940s). It includes field trips (coffee plantations, craftwork centres, etc.) as part of its offerings. Students learn the vocabulary associated with the activities at the destination and then put them into practice on the fieldwork trip. The Alfonso Borrero Cabal, S.J. Library is open 24 hours a day during the week. Javeriana's students have the opportunity to participate in internship programs and in social projects, in Bogota or nationwide, where they can apply the acquired knowledge in their field of study. Javeriana University is a research-based University. It is ranked first among private universities in Colombia for having the largest number of refereed journals, and fifth for having the most research groups recognised by the National Agency of Science and Technology for their quality and productivity. The Sport Centre offers over 30 different sports. The University has a student population of 22,000 on its main campus in Bogotá and is easily accessible by public transportation. Javeriana University offers through Centro Atico next generation resources, enhancing the learning experience. Centro Atico is the first communication and information technological resource centre in Latin America for the development of education, sound, image and design. Javeriana University has its own, high quality University Hospital.

www.javeriana.edu.co

www.javeriana.edu.co/facultades/comunicacion_lenguaje/centro_lat/in_center.htm

Universidad de La Sabana, Chía, Bogotá

La Sabana is a private university situated to the north of Bogotá in the satellite city of Chía, a mostly middle-class city with Spanish colonial architecture located in the beautiful dairy cattle country of the Savannah surrounded by the Colombian Andes. The university was founded in 1979. It has recently gone through an ambitious expansion with high-tech buildings (eco-friendly designs) to house ultra-modern radio, TV and journalism courses. The university has an ultra-modern Communication's Media Production Centre. La Sabana specialises in Business/Marketing, Engineering (all types), Medicine (it offers PhDs in Engineering and medicine), Nursing/ Physiotherapy/Psychology, Education, Communication/Journalism, Law (especially human rights), and it has a Humanities Institute. The university also has a clinic, a health institution that deals with all medical disciplines and is one of the most important rehabilitation centres in Latin America. The clinic is an important centre for research, teaching and community service. The university currently runs 18 undergraduate programs. There are also 31 specialisation programs and five master's programs: Education, Process Management and Direction, Business Administration, Nursing, and English Language Teaching. La Sabana has a doctoral program in Biosciences. Master's programs in Nursing include Critical Pediatric Care, Rehabilitation Management and School Health.

www.unisabana.edu.co

Completion requirements

976001	Foundations in International Studies	8ср
976502	Contemporary Latin(o) Americas	8cp
977911	In-country Study 1: Colombia	24cp
978911	In-country Study 2: Colombia	24cp
CBK90484	Spanish Language and Culture	32cp
		Total 96cp

MAJ09410 Global Business Law

Select 24 c	redit points from the following options:		24cp
78100	Postgraduate Legal Research	8cp	•
78159	Rights and Obligations in the International	_	
	Legal System	8cp	
78175	Negotiation	8cp	
78108	Globalisation and International Economic	_	
	Law	8cp	
78114	Financial Analysis for the Transactional	_	
	Lawyer	8cp	
78116	International Regulation of Financial	_	
	Institutions	8cp	

78198	Comparate Finance Transactions 1	9 010	MA 1007	17 Italy Major	
78200	Corporate Finance Transactions 1 Corporate Finance Transactions 2	8cp 8cp		17 Italy Major	16
78118	Business and Law in China	8cp		3 Italian Language and Culture	16cp
78152	International Commercial Transactions	8cp	978139 979515	In-country Study: Italy Contemporary Italy	24cp 8cp
78157	Private International Law	8cp	979313	Contemporary Italy	Total 48cp
78161	Global Governance and Social Justice	8cp			rotar rocp
78124	Dispute Resolution in Commerce	8cp	MAJ0941	18 Canada (Quebec) Major	
78171	Crisis Negotiation	8cp	CBK90490	French Language and Culture	16cp
78174 78106	Mediation Practice	8cp	978134	In-country Study: Canada	24cp
78106 78155	Climate Law and Carbon Markets International Environmental Law: Policy	8cp	979516	Contemporary Canada (Quebec)	8cp
70133	and Implementation	8ср			Total 48cp
78207	International Organisations	8cp	MA 1007	10 Curitment and Major	
78183	Global Aspects of Intellectual Property Law	8cp		19 Switzerland Major	0
78189	Intellectual Property Commercialisation	8cp	979517 978144	Contemporary Switzerland	8cp
78217	Competition Law in a Global Context	8cp		In-country Study: Switzerland 5 Switzerland Options	24cp 16cp
78226	Environmental and Sustainable	0	CDR/00/C	5 Switzerland Options	Total 48cp
	Development Law of China	8cp Total 24cp			
		10tai 24cp	MAJ0942	20 Chile Major	
MAJ0941	I1 Global Business Law		CBK90491	1 Spanish Language and Culture	16cp
	credit points from the following options:	24cp	978135	In-country Study: Chile	24cp
78101	Postgraduate Legal Research	6ср	979518	Contemporary Latin(o) Americas	8cp
78115	Financial Analysis for the Transactional	1			Total 48cp
	Lawyer	6ср	MA INOZ	21 Mexico Major	
78117	International Regulation of Financial			-	16
E 04.0 E	Institutions	6ср	978142	1 Spanish Language and Culture In-country Study: Mexico	16cp 24cp
78197	Corporate Finance Transactions 1	6cp	979518	Contemporary Latin(o) Americas	8cp
78199 78026	Corporate Finance Transactions 2 Business and Law in China	6cp	777510	Contemporary Earth(o) / Intericus	Total 48cp
78153	International Commercial Transactions	6ср 6ср			
78109	Globalisation and International Economic	оср	MAJ0942	22 Argentina Major	
	Law	6ср	CBK90491	1 Spanish Language and Culture	16ср
78162	Global Governance and Social Justice	6cp	978145	In-country Study: Argentina	24cp
77761	Dispute Resolution in Commerce	6cp	979518	Contemporary Latin(o) Americas	8cp
77792	Crisis Negotiation	6ср			Total 48cp
77745	Negotiation	6cp	MA ING/	23 Colombia	
78029 78107	Mediation Practice Climate Law and Carbon Markets	6cp			16 an
78156	International Environmental Law: Policy	6ср	978912	l Spanish Language and Culture In-country Study: Colombia	16cp 24cp
70150	and Implementation	6ср	979518	Contemporary Latin(o) Americas	8cp
78158	Private International Law	6cp	,,,,,,,	Contemporary Earth(o) intericus	Total 48cp
78160	Rights and Obligations in the International	1			
	Legal System	6ср	MAJ0942	24 Latin(o) USA Major	
78206	International Organisations	6ср	CBK90491	1 Spanish Language and Culture	16cp
78015	Global Aspects of Intellectual Property	(978141	In-country Study: Latino USA	24cp
78188	Law Intellectual Property Commercialisation	6cp	979518	Contemporary Latin(o) Americas	8cp
78216	Competition Law in a Global Context	6ср 6ср			Total 48cp
78225	Environmental and Sustainable	оср	MA 109/3	25 Dispute Resolution	
	Development Law of China	6ср	78136	Dispute Resolution	9 an
	1	Total 24cp		credit points from the following options:	8cp 16cp
			77800	International Commercial Dispute	тоср
	12 China Major		,,,,,,	Resolution	8ср
	7 Chinese Language and Culture	16cp	78127	Advanced Mediation	8cp
978136	In-country Study: China	24cp	78124	Dispute Resolution in Commerce	8cp
979510	Contemporary China	8cp	78137	Facilitation	8cp
		Total 48cp	78139	Family Dispute Resolution	8cp
MAJ0941	13 Japan Major		78143 78171	Psychology and Dispute Resolution Crisis Negotiation	8cp
	3 Japanese Language and Culture	16cp	78171	Dispute Resolution in Civil Practice	8ср 8ср
978140	In-country Study: Japan	24cp	78174	Mediation Practice	8cp
979511	Contemporary Japan	8cp	78175	Negotiation	8cp
	• •	Total 48cp	78176	Workplace Dispute Resolution	8cp
144 1007	1/ F M :		78119	Commercial Arbitration (Domestic)	8ср
	14 France Major		78100	Postgraduate Legal Research	8cp
	French Language and Culture	16cp			Total 24cp
978137 979512	In-country Study: France	24cp	MA ING/	26 Dispute Resolution	
979312	Contemporary France	8cp Total 48cp	79771	Dispute Resolution	6an
		iotai iocp		credit points from the following options:	6ср 18ср
MAJ094	I5 Spain Major		77745	Negotiation	6ср
	Spanish Language and Culture	16cp	78029	Mediation Practice	6cp
978143	In-country Study: Spain	24cp	77746	Advanced Mediation	6ср
979513	Contemporary Spain	8cp	77760	Family Dispute Resolution	6cp
		Total 48cp	77867	Workplace Dispute Resolution	6ср
			77850	Psychology and Dispute Resolution	6ср
MA IDD/	A Gormany Major			Dispute Resolution in Civil Practice	6cp
	6 Germany Major	1600	78173	Dispute Resolution in Civil Practice Facilitation	6cp
CBK90492	2 German Language and Culture	16cp		Facilitation	6ср
CBK90492 978138	2 German Language and Culture In-country Study: Germany	24cp	78173 78138		
CBK90492	2 German Language and Culture	1	78173 78138 77792	Facilitation Crisis Negotiation	6ср 6ср

77751	International Commercial		MAJ100	019 Communication	
77783	Arbitration	6ср	58101	Understanding Communication	8cp
77763	International Commercial Dispute Resolution	6ср	58102 58103	Language and Discourse Ideas in History	8ср 8ср
77751	International Commercial			credit points from the following options:	24cp
	Arbitration	6cp Total 24cp		12 Journalism stream	24cp
		rotai 21cp		14 Public Communication stream 15 Writing and Cultural Studies stream	24cp 24cp
	06 Children's Art		STM905	16 Social Inquiry stream	24cp
020965 020966	Drawing Painting and Printmaking	6cp	STM905	17 Information and Media stream	24cp
020967	Structure and Sequence in 3-Dimensional A	6cp Arts 6cp			Total 48cp
	1	Total 24cp	MAJ100	020 Journalism	
MΔ 1100	07 Youth Performance Studies		58110	Introduction to Journalism	8cp
	redit points from the following options:	6ср	58111 58112	Reporting with Sound and Image Reporting and Editing for Print and Online	8cp
020963	Arts in the Community	6ср		Journalism	8cp
020964 020965	Creative Arts Method Drawing	6cp	58210	Storytelling, Narrative and Features	8cp
020966	Painting and Printmaking	6ср 6ср	58211 58310	Specialist Reporting, Audiences and Interact Media Hub	ctivity 8cp 8cp
020967	Structure and Sequence in 3-Dimensional	-			Total 48cp
024913	Arts Literary Theory	6ср 6ср	MA 1100	021 Media Arts and Production	
024915	The Multi-arts of Children's Literature	6ср	58113	Exploring Media Arts	8ср
024918	Australian Children's Literature	6cp	58114	Fictions: Storytelling, Narrative and Drama	
020962	Creative Arts Practice	6ср	58115	Composing the Real	8cp
020203	Music, Media and Children	6cp Total 24cp	58212 58213	Aesthetics Research and Practice	8cp
		10tai 2 10p	58311	Media Arts Project	8cp 8cp
	12 Science/TAS (Computing)				Total 48cp
Free choi	ce of electives.		MA 1100	022 Writing and Cultural Studies	
MAJ100	14 Information Design		58119	Text and Context	8cp
	credit points from the following options:	24cp	58120	Creativity and Culture	8cp
88913	Visual Information Project	6cp	58121	Fictional Forms	8cp
88912 88911	Histories of Visual Information Design Design for Visual Information Systems	6ср 6ср	58216 58217	Imagining the Real Experiments in Culture	8cp
89400	Design Capstone Project	12cp	58313	Writing Laboratory	8ср 8ср
	,	Total 24cp		,	Total 48cp
MA 1400	1E Dhatamadia				
MAJIUU	15 Photomedia		MAJ100	123 Information and Media	
	15 Photomedia credit points from the following options:	24cp		023 Information and Media Creative Information Design	8cp
Select 24 88901	credit points from the following options: Observational Photography	24cp 6cp	MAJ100 58125 58126	D23 Information and Media Creative Information Design Information Discovery and Analysis	8cp 8cp
Select 24 88901 88902	credit points from the following options: Observational Photography Digital Photography	6ср 6ср	58125 58126 58127	Creative Information Design Information Discovery and Analysis Information Cultures	8cp 8cp
Select 24 88901 88902 88903	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication	6cp 6cp 6cp	58125 58126 58127 58220	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web	8cp 8cp 8cp
Select 24 88901 88902	credit points from the following options: Observational Photography Digital Photography	6ср 6ср	58125 58126 58127	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics	8cp 8cp
Select 24 88901 88902 88903 88904	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction	6cp 6cp 6cp 6cp	58125 58126 58127 58220 58221	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web	8cp 8cp 8cp 8cp
Select 24 88901 88902 88903 88904 89400	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction	6cp 6cp 6cp 6cp 12cp	58125 58126 58127 58220 58221 58315	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics	8cp 8cp 8cp 8cp 8cp
Select 24 88901 88902 88903 88904 89400 MAJ100 Select 24	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction Design Capstone Project 16 Branding Design credit points from the following options:	6cp 6cp 6cp 6cp 12cp	58125 58126 58127 58220 58221 58315	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics Storing Objects and Artifacts	8cp 8cp 8cp 8cp 8cp
Select 24 88901 88902 88903 88904 89400 MAJ100 Select 24 88941	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction Design Capstone Project 16 Branding Design credit points from the following options: Experience Economy	6cp 6cp 6cp 12cp Total 24cp	58125 58126 58127 58220 58221 58315 MAJ100 58116 58312	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics Storing Objects and Artifacts 24 Public Communication The Ecology of Public Communication Integrated Communication	8cp 8cp 8cp 8cp 8cp Total 48cp
Select 24 88901 88902 88903 88904 89400 MAJ100 Select 24 88941 88942	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction Design Capstone Project 16 Branding Design credit points from the following options: Experience Economy Experience Branding	6cp 6cp 6cp 12cp Total 24cp	58125 58126 58127 58220 58221 58315 MAJ100 58116 58312 Select 32	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics Storing Objects and Artifacts 24 Public Communication The Ecology of Public Communication Integrated Communication Credit points from the following options:	8cp 8cp 8cp 8cp 8cp Total 48cp
Select 24 88901 88902 88903 88904 89400 MAJ100 Select 24 88941	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction Design Capstone Project 16 Branding Design credit points from the following options: Experience Economy	6cp 6cp 6cp 12cp Total 24cp	58125 58126 58127 58220 58221 58315 MAJ100 58116 58312 Select 32 STM907	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics Storing Objects and Artifacts 24 Public Communication The Ecology of Public Communication Integrated Communication	8cp 8cp 8cp 8cp 8cp Total 48cp
Select 24 88901 88902 88903 88904 89400 MAJ100 Select 24 88941 88942 88943	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction Design Capstone Project 16 Branding Design credit points from the following options: Experience Economy Experience Branding Brand Strategy	6cp 6cp 6cp 12cp Total 24cp 24cp 6cp 6cp 6cp 6cp 6cp 12cp	58125 58126 58127 58220 58221 58315 MAJ100 58116 58312 Select 32 STM907	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics Storing Objects and Artifacts 224 Public Communication The Ecology of Public Communication Integrated Communication Credit points from the following options: 15 Advertising stream	8cp 8cp 8cp 8cp 8cp Total 48cp
Select 24 88901 88902 88903 88904 89400 MAJ100 Select 24 88941 88942 88943 88944	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction Design Capstone Project 16 Branding Design credit points from the following options: Experience Economy Experience Branding Brand Strategy Branding Project	6cp 6cp 6cp 6cp 12cp Total 24cp 24cp 6cp 6cp 6cp 6cp	58125 58126 58127 58220 58221 58315 MAJ100 58116 58312 Select 32 STM907	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics Storing Objects and Artifacts 224 Public Communication The Ecology of Public Communication Integrated Communication Credit points from the following options: 15 Advertising stream 16 Public Relations stream	8cp 8cp 8cp 8cp 8cp Total 48cp 8cp 32cp 32cp
Select 24 88901 88902 88903 88904 89400 MAJ100 Select 24 88941 88942 88943 88944 89400	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction Design Capstone Project 16 Branding Design credit points from the following options: Experience Economy Experience Branding Brand Strategy Branding Project	6cp 6cp 6cp 12cp Total 24cp 24cp 6cp 6cp 6cp 6cp 6cp 12cp	58125 58126 58127 58220 58221 58315 MAJ100 58116 58312 Select 32 STM907	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics Storing Objects and Artifacts 224 Public Communication The Ecology of Public Communication Integrated Communication Credit points from the following options: 15 Advertising stream	8cp 8cp 8cp 8cp 8cp Total 48cp Scp 32cp 32cp 32cp Total 48cp
Select 24 88901 88902 88903 88904 89400 MAJ100 Select 24 88941 88942 88943 88944 89400	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction Design Capstone Project 16 Branding Design credit points from the following options: Experience Economy Experience Branding Brand Strategy Branding Project Design Capstone Project 17 Digitally Mediated Environments Digital Master Class A	6cp 6cp 6cp 12cp Total 24cp 24cp 6cp 6cp 6cp 6cp 6cp 12cp	58125 58126 58127 58220 58221 58315 MAJ100 58116 58312 Select 32 STM907: STM907: MAJ100 89111 89112	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics Storing Objects and Artifacts 224 Public Communication The Ecology of Public Communication Integrated Communication Credit points from the following options: 15 Advertising stream 16 Public Relations stream	8cp 8cp 8cp 8cp 8cp Total 48cp Total 48cp 32cp 32cp 32cp Total 48cp
Select 24 88901 88902 88903 88904 89400 MAJ100 Select 24 88941 88942 88943 88944 89400 MAJ100 11401 11403	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction Design Capstone Project 16 Branding Design credit points from the following options: Experience Economy Experience Branding Brand Strategy Branding Project Design Capstone Project 17 Digitally Mediated Environments Digital Master Class A Digital Master Class B	6cp 6cp 6cp 12cp Total 24cp 24cp 6cp 6cp 6cp 6cp 12cp Total 24cp	58125 58126 58127 58220 58221 58315 MAJ100 58116 58312 Select 32 STM907 STM907	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics Storing Objects and Artifacts 224 Public Communication The Ecology of Public Communication Integrated Communication Integrated Communication The Ecology of Public Communication Integrated Public Relations stream 16 Public Relations stream 1726 Interactivation Interactivation Studio: Autumn	8cp 8cp 8cp 8cp 8cp Total 48cp Total 48cp 32cp 32cp 32cp Total 48cp
Select 24 88901 88902 88903 88904 89400 MAJ100 Select 24 88941 88942 88943 88944 89400 MAJ100 11401 11403 Select 12	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction Design Capstone Project 16 Branding Design credit points from the following options: Experience Economy Experience Branding Brand Strategy Branding Project Design Capstone Project 17 Digitally Mediated Environments Digital Master Class A Digital Master Class B credit points from the following options:	6cp 6cp 6cp 12cp Total 24cp 24cp 6cp 6cp 6cp 12cp Total 24cp	58125 58126 58127 58220 58221 58315 MAJ100 58116 58312 Select 32 STM907: STM907: MAJ100 89111 89112	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics Storing Objects and Artifacts 24 Public Communication The Ecology of Public Communication Integrated Communication Credit points from the following options: Advertising stream Public Relations stream Interactivation Interactivation Interactivation Studio: Autumn Interactivation Studio: Spring	8cp 8cp 8cp 8cp 8cp Total 48cp Total 48cp 32cp 32cp 32cp Total 48cp
Select 24 88901 88902 88903 88904 89400 MAJ100 Select 24 88941 88942 88943 88944 89400 MAJ100 11401 11403 Select 12 11400 89204	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction Design Capstone Project 16 Branding Design credit points from the following options: Experience Economy Experience Branding Brand Strategy Branding Project Design Capstone Project 17 Digitally Mediated Environments Digital Master Class A Digital Master Class B credit points from the following options: Digital Theory 2D Digital Animation	6cp 6cp 6cp 12cp Total 24cp 24cp 6cp 6cp 6cp 6cp 12cp Total 24cp	58125 58126 58127 58220 58221 58315 MAJ100 58116 58312 Select 32 STM9073 STM9073 STM9073	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics Storing Objects and Artifacts 24 Public Communication The Ecology of Public Communication Integrated Communication Credit points from the following options: Advertising stream Public Relations stream Interactivation Interactivation Interactivation Studio: Autumn Interactivation Studio: Spring	8cp 8cp 8cp 8cp 8cp Total 48cp Total 48cp 32cp 32cp 32cp Total 48cp
Select 24 88901 88902 88903 88904 89400 MAJ100 Select 24 88941 88942 88943 88944 89400 MAJ100 11401 11403 Select 12 11400 89204 89202	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction Design Capstone Project 16 Branding Design credit points from the following options: Experience Economy Experience Branding Brand Strategy Branding Project Design Capstone Project 17 Digitally Mediated Environments Digital Master Class A Digital Master Class B credit points from the following options: Digital Theory 2D Digital Animation 3D Digital Animation 1	6cp 6cp 6cp 6cp 12cp Total 24cp 24cp 6cp 6cp 6cp 12cp Total 24cp	58125 58126 58127 58220 58221 58315 MAJ100 58116 58312 Select 32 STM9073 STM9073 STM9073 MAJ100 89111 89112 89113	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics Storing Objects and Artifacts 224 Public Communication The Ecology of Public Communication Integrated Communication Credit points from the following options: 15 Advertising stream 16 Public Relations stream 17 Public Relations Stream Interactivation Interactivation Studio: Autumn Interactivation Studio: Spring Interactivation Studio: Final Project 17 Fashion and Textiles Studio Textile and Fashion Innovation	8cp 8cp 8cp 8cp 8cp Total 48cp Total 48cp 32cp 32cp 32cp Total 48cp
Select 24 88901 88902 88903 88904 89400 MAJ100 Select 24 88941 88942 88943 88944 89400 MAJ100 11401 11403 Select 12 11400 89204 89202 89200	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction Design Capstone Project 16 Branding Design credit points from the following options: Experience Economy Experience Branding Brand Strategy Branding Project Design Capstone Project 17 Digitally Mediated Environments Digital Master Class A Digital Master Class B credit points from the following options: Digital Theory 2D Digital Animation 3D Digital Animation 1 Graphic Visualisation	6cp 6cp 6cp 6cp 12cp Total 24cp 24cp 6cp 6cp 6cp 12cp Total 24cp	58125 58126 58127 58220 58221 58315 MAJ100 58116 58312 Select 32 STM907: STM907: STM907: MAJ100 89111 89112 89113	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics Storing Objects and Artifacts 224 Public Communication The Ecology of Public Communication Integrated Communication Credit points from the following options: 15 Advertising stream 16 Public Relations stream 226 Interactivation Interactivation Studio: Autumn Interactivation Studio: Spring Interactivation Studio: Final Project 227 Fashion and Textiles Studio Textile and Fashion Innovation Reframing Fashion and Textile Practice	8cp 8cp 8cp 8cp 8cp Total 48cp Total 48cp 32cp 32cp 32cp Total 48cp 12cp 12cp 12cp Total 36cp
Select 24 88901 88902 88903 88904 89400 MAJ100 Select 24 88941 88942 88943 88944 89400 MAJ100 11401 11403 Select 12 11400 89204 89202	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction Design Capstone Project 16 Branding Design credit points from the following options: Experience Economy Experience Branding Brand Strategy Branding Project Design Capstone Project 17 Digitally Mediated Environments Digital Master Class A Digital Master Class B credit points from the following options: Digital Theory 2D Digital Animation 3D Digital Animation 1	6cp 6cp 6cp 6cp 12cp Total 24cp 24cp 6cp 6cp 6cp 12cp Total 24cp	58125 58126 58127 58220 58221 58315 MAJ100 58116 58312 Select 32 STM9073 STM9073 STM9073 MAJ100 89111 89112 89113	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics Storing Objects and Artifacts 224 Public Communication The Ecology of Public Communication Integrated Communication Credit points from the following options: 15 Advertising stream 16 Public Relations stream 17 Public Relations Stream Interactivation Interactivation Studio: Autumn Interactivation Studio: Spring Interactivation Studio: Final Project 17 Fashion and Textiles Studio Textile and Fashion Innovation	8cp 8cp 8cp 8cp 8cp Total 48cp Total 48cp 32cp 32cp 32cp Total 48cp 12cp 12cp 12cp Total 36cp
Select 24 88901 88902 88903 88904 89400 MAJ100 Select 24 88941 88942 88943 88944 89400 MAJ100 11401 11403 Select 12 11400 89204 89202 89200 89201	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction Design Capstone Project 16 Branding Design credit points from the following options: Experience Economy Experience Branding Brand Strategy Branding Project Design Capstone Project 17 Digitally Mediated Environments Digital Master Class A Digital Master Class B credit points from the following options: Digital Theory 2D Digital Animation 3D Digital Animation 1 Graphic Visualisation Animation Genres Seminar	6cp 6cp 6cp 12cp Total 24cp 24cp 6cp 6cp 6cp 12cp Total 24cp	58125 58126 58127 58220 58221 58315 MAJ100 58116 58312 Select 32 STM907; STM907; STM907; MAJ100 89111 89112 89113 MAJ100 89015 89016 89017	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics Storing Objects and Artifacts 24 Public Communication The Ecology of Public Communication Integrated Communication Integrated Communication Integrated Public Relations Stream Interactivation Stream Interactivation Interactivation Studio: Autumn Interactivation Studio: Spring Interactivation Studio: Final Project 27 Fashion and Textiles Studio Textile and Fashion Innovation Reframing Fashion and Textile Practice Fashion and Textiles Entrepreneur	8cp 8cp 8cp 8cp 8cp 8cp Total 48cp Total 48cp 32cp 32cp 32cp 32cp Total 48cp 12cp 12cp 12cp 12cp Total 36cp
Select 24 88901 88902 88903 88904 89400 MAJ100 Select 24 88941 88942 88943 88944 89400 MAJ100 11401 11403 Select 12 11400 89204 89202 89200 89201 MAJ100	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction Design Capstone Project 16 Branding Design credit points from the following options: Experience Economy Experience Branding Brand Strategy Branding Project Design Capstone Project 17 Digitally Mediated Environments Digital Master Class A Digital Master Class B credit points from the following options: Digital Theory 2D Digital Animation 3D Digital Animation 3D Digital Animation Animation Genres Seminar	6cp 6cp 6cp 12cp Total 24cp 24cp 6cp 6cp 6cp 12cp Total 24cp	58125 58126 58127 58220 58221 58315 MAJ100 58116 58312 Select 32 STM907: STM907: STM907: MAJ100 89111 89112 89113 MAJ100 89015 89016 89017	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics Storing Objects and Artifacts 24 Public Communication The Ecology of Public Communication Integrated Communication Credit points from the following options: Fadvertising stream Public Relations stream Interactivation Interactivation Studio: Autumn Interactivation Studio: Spring Interactivation Studio: Final Project 27 Fashion and Textiles Studio Textile and Fashion Innovation Reframing Fashion and Textile Practice Fashion and Textiles Entrepreneur	8cp 8cp 8cp 8cp 8cp 8cp Total 48cp Total 48cp 32cp 32cp 32cp 32cp Total 48cp 12cp 12cp 12cp 12cp Total 36cp
Select 24 88901 88902 88903 88904 89400 MAJ100 Select 24 88941 88942 88943 88944 89400 MAJ100 11401 11403 Select 12 11400 89204 89202 89200 89201	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction Design Capstone Project 16 Branding Design credit points from the following options: Experience Economy Experience Branding Brand Strategy Branding Project Design Capstone Project 17 Digitally Mediated Environments Digital Master Class A Digital Master Class B credit points from the following options: Digital Theory 2D Digital Animation 3D Digital Animation 1 Graphic Visualisation Animation Genres Seminar	6cp 6cp 6cp 12cp Total 24cp 24cp 6cp 6cp 6cp 12cp Total 24cp	58125 58126 58127 58220 58221 58315 MAJ100 58116 58312 Select 32 STM907: STM907: STM907: MAJ100 89111 89112 89113 MAJ100 89015 89016 89017 MAJ100 Creative	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics Storing Objects and Artifacts 24 Public Communication The Ecology of Public Communication Integrated Communication Credit points from the following options: Fadvertising stream Public Relations stream Interactivation Interactivation Studio: Autumn Interactivation Studio: Spring Interactivation Studio: Final Project 27 Fashion and Textiles Studio Textile and Fashion Innovation Reframing Fashion and Textile Practice Fashion and Textiles Entrepreneur 28 Design for Change: Sustainability, Dese Futures	8cp 8cp 8cp 8cp 8cp 8cp Total 48cp Total 48cp 32cp 32cp 32cp Total 48cp 12cp 12cp 12cp 12cp Total 36cp
Select 24 88901 88902 88903 88904 89400 MAJ100 Select 24 88941 88942 88943 88944 89400 MAJ100 11401 11403 Select 12 11400 89204 89202 89200 89201 MAJ100 89204 89202 89203	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction Design Capstone Project 16 Branding Design credit points from the following options: Experience Economy Experience Branding Brand Strategy Branding Project Design Capstone Project 17 Digitally Mediated Environments Digital Master Class A Digital Master Class B credit points from the following options: Digital Theory 2D Digital Animation 3D Digital Animation 1 Graphic Visualisation Animation Genres Seminar 18 Animation Design 2D Digital Animation 3D Digital Animation	6cp 6cp 6cp 6cp 12cp Total 24cp 24cp 6cp 6cp 6cp 6cp 12cp Total 24cp	58125 58126 58127 58220 58221 58315 MAJ100 58116 58312 Select 32 STM907: STM907: STM907: MAJ100 89111 89112 89113 MAJ100 89015 89016 89017	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics Storing Objects and Artifacts 24 Public Communication The Ecology of Public Communication Integrated Communication Integrated Communication Integrated Public Relations Stream Interactivation Stream Interactivation Studio: Autumn Interactivation Studio: Spring Interactivation Studio: Final Project 27 Fashion and Textiles Studio Textile and Fashion Innovation Reframing Fashion and Textile Practice Fashion and Textiles Entrepreneur 28 Design for Change: Sustainability, Dese Futures Sustainability, Design and Creative Futures	8cp
Select 24 88901 88902 88903 88904 89400 MAJ100 Select 24 88941 88942 88943 88944 89400 MAJ100 11401 11403 Select 12 11400 89204 89202 89200 89201 MAJ100 89204 89202 89203 Select 6 co	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction Design Capstone Project 16 Branding Design credit points from the following options: Experience Economy Experience Branding Brand Strategy Branding Project Design Capstone Project 17 Digitally Mediated Environments Digital Master Class A Digital Master Class B credit points from the following options: Digital Theory 2D Digital Animation 3D Digital Animation 1 Graphic Visualisation Animation Genres Seminar 18 Animation Design 2D Digital Animation 3D Digital Animation 2 redit points from the following options:	6cp 6cp 6cp 6cp 12cp Total 24cp 24cp 6cp 6cp 6cp 6cp 12cp Total 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	58125 58126 58127 58220 58221 58315 MAJ100 58116 58312 Select 32 STM907: STM907: STM907: MAJ100 89111 89112 89113 MAJ100 89015 89016 89017 MAJ100 Creative	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics Storing Objects and Artifacts 24 Public Communication The Ecology of Public Communication Integrated Communication Credit points from the following options: Advertising stream Public Relations stream Interactivation Interactivation Studio: Autumn Interactivation Studio: Spring Interactivation Studio: Final Project 27 Fashion and Textiles Studio Textile and Fashion Innovation Reframing Fashion and Textile Practice Fashion and Textiles Entrepreneur 28 Design for Change: Sustainability, Design Human Sustainability, Design and Creative Futures Being Human Sustainability, Design and Creative Futures	8cp 8cp 8cp 8cp 8cp 8cp Total 48cp Total 48cp 32cp 32cp 32cp Total 48cp 12cp 12cp 12cp 12cp Total 36cp
Select 24 88901 88902 88903 88904 89400 MAJ100 Select 24 88941 88942 88943 88944 89400 MAJ100 11401 11403 Select 12 11400 89204 89202 89200 89201 MAJ100 89204 89202 89203	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction Design Capstone Project 16 Branding Design credit points from the following options: Experience Economy Experience Branding Brand Strategy Branding Project Design Capstone Project 17 Digitally Mediated Environments Digital Master Class A Digital Master Class B credit points from the following options: Digital Theory 2D Digital Animation 3D Digital Animation 1 Graphic Visualisation Animation Genres Seminar 18 Animation Design 2D Digital Animation 3D Digital Animation	6cp 6cp 6cp 6cp 12cp Total 24cp 24cp 6cp 6cp 6cp 6cp 12cp Total 24cp	58125 58126 58127 58220 58221 58315 MAJ100 58116 58312 Select 32 STM907: STM907: STM907: MAJ100 89111 89112 89113 MAJ100 89015 89016 89017 MAJ100 Creative 89120 89121	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics Storing Objects and Artifacts 24 Public Communication The Ecology of Public Communication Integrated Communication Credit points from the following options: Advertising stream Public Relations stream Interactivation Studio: Autumn Interactivation Studio: Spring Interactivation Studio: Final Project 27 Fashion and Textiles Studio Textile and Fashion Innovation Reframing Fashion and Textile Practice Fashion and Textiles Entrepreneur 28 Design for Change: Sustainability, Design and Creative Futures Being Human Sustainability, Design and Creative Futures Spatio-Temporal Shifts	8cp 8cp 8cp 8cp 8cp 8cp Total 48cp Total 48cp 32cp 32cp 32cp Total 48cp 12cp 12cp 12cp 12cp Total 36cp Total 36cp
Select 24 88901 88902 88903 88904 89400 MAJ100 Select 24 88941 88942 88943 88944 89400 MAJ100 11401 11403 Select 12 11400 89204 89202 89200 89201 MAJ100 89204 89200 89201 Select 6 c 89200	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction Design Capstone Project 16 Branding Design credit points from the following options: Experience Economy Experience Branding Brand Strategy Branding Project Design Capstone Project 17 Digitally Mediated Environments Digital Master Class A Digital Master Class B credit points from the following options: Digital Theory 2D Digital Animation 3D Digital Animation Animation Genres Seminar 18 Animation Design 2D Digital Animation 3D Digital Animation	6cp 6cp 6cp 12cp Total 24cp 24cp 6cp 6cp 6cp 6cp 12cp Total 24cp 6cp 6cp 12cp Total 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	58125 58126 58127 58220 58221 58315 MAJ100 58116 58312 Select 32 STM907: STM907: STM907: MAJ100 89111 89112 89113 MAJ100 689015 89016 89017 MAJ100 Creative 89120	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics Storing Objects and Artifacts 224 Public Communication The Ecology of Public Communication Integrated Communication Credit points from the following options: The Ecology of Public Communication Integrated Communication Credit points from the following options: The Ecology of Public Communication Integrated Communication Credit points from the following options: The Ecology of Public Communication Integrated Communication Credit points from the following options: The Ecology of Public Communication Integrated Communication Stream Integrated Communication Interactivation Studio: Autumn Interactivation Studio: Spring Interactivation Studio: Final Project 226 Interactivation Studio: Final Project 227 Fashion and Textiles Studio Textile and Fashion Innovation Reframing Fashion and Textile Practice Fashion and Textiles Entrepreneur 228 Design for Change: Sustainability, Design and Creative Futures Being Human Sustainability, Design and Creative Futures Spatio-Temporal Shifts Sustainability, Design and Creative Futures Spatio-Temporal Shifts Sustainability, Design and Creative Futures	8cp 8cp 8cp 8cp 8cp 8cp Total 48cp Total 48cp 32cp 32cp 32cp 32cp Total 48cp 12cp 12cp 12cp 12cp 12cp Total 36cp Total 36cp
Select 24 88901 88902 88903 88904 89400 MAJ100 Select 24 88941 88942 88943 88944 89400 MAJ100 11401 11403 Select 12 11400 89204 89202 89200 89201 MAJ100 89204 89200 89201 Select 6 c 89200	credit points from the following options: Observational Photography Digital Photography Photographic Fabrication Photographic Construction Design Capstone Project 16 Branding Design credit points from the following options: Experience Economy Experience Branding Brand Strategy Branding Project Design Capstone Project 17 Digitally Mediated Environments Digital Master Class A Digital Master Class B credit points from the following options: Digital Theory 2D Digital Animation 3D Digital Animation Animation Genres Seminar 18 Animation Design 2D Digital Animation 3D Digital Animation	6cp 6cp 6cp 12cp Total 24cp 24cp 6cp 6cp 6cp 6cp 12cp Total 24cp 6cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	58125 58126 58127 58220 58221 58315 MAJ100 58116 58312 Select 32 STM907: STM907: STM907: MAJ100 89111 89112 89113 MAJ100 89015 89016 89017 MAJ100 Creative 89120 89121	Creative Information Design Information Discovery and Analysis Information Cultures Designing for the Web Social Informatics Storing Objects and Artifacts 24 Public Communication The Ecology of Public Communication Integrated Communication Credit points from the following options: Advertising stream Public Relations stream Interactivation Studio: Autumn Interactivation Studio: Spring Interactivation Studio: Final Project 27 Fashion and Textiles Studio Textile and Fashion Innovation Reframing Fashion and Textile Practice Fashion and Textiles Entrepreneur 28 Design for Change: Sustainability, Design and Creative Futures Being Human Sustainability, Design and Creative Futures Spatio-Temporal Shifts	8cp 8cp 8cp 8cp 8cp 8cp Total 48cp Total 48cp 32cp 32cp 32cp Total 48cp 12cp 12cp 12cp 12cp Total 36cp Total 36cp

MAJ10029 Information Visualisation

89123	Experimental Visual Communications:	
	Research Through Design	12cp
89124	Experimental Visual Communications:	•
	Visualising the Invisible	12cp
89125	Experimental Visual Communications:	
	Final Project	12cp
	•	Total 36cp

MAJ10030 Global Business Law

This major is designed to have appeal to both local and international students and is based on an appreciation of the requirements of legal practitioners working in overseas law firms, as well as providing people working locally with key concepts of the international framework of business. Students undertaking this major are able to increase their knowledge and understanding in the key areas of international commercial transactions and corporate governance, finance, competition law, intellectual property protection and commercialisation and dispute resolution. Offerings addressing the rise of China's economy assist students in gaining a global perspective and ability to engage with Australia's Asian partners.

Completion requirements

Completin	on requirements		
Select 24 c	redit points from the following options:		24cp
78100	Postgraduate Legal Research	8cp	
78159	Rights and Obligations in the International		
	Legal System	8cp	
78175	Negotiation	8cp	
78108	Globalisation and International Economic		
	Law	8cp	
78114	Financial Analysis for the Transactional	-	
	Lawyer	8cp	
78116	International Regulation of Financial	-	
	Institutions	8cp	
78198	Corporate Finance Transactions 1	8cp	
78200	Corporate Finance Transactions 2	8cp	
78118	Business and Law in China	8cp	
78152	International Commercial Transactions	8cp	
78157	Private International Law	8cp	
78161	Global Governance and Social Justice	8cp	
78124	Dispute Resolution in Commerce	8cp	
78171	Crisis Negotiation	8cp	
78174	Mediation Practice	8cp	
78106	Climate Law and Carbon Markets	8cp	
78155	International Environmental Law: Policy	_	
	and Implementation	8cp	
78207	International Organisations	8cp	
78183	Global Aspects of Intellectual Property	_	
	Law	8cp	
78189	Intellectual Property Commercialisation	8cp	
78217	Competition Law in a Global Context	8cp	
78226	Environmental and Sustainable	-	
	Development Law of China	8cp	
		Tota	l 24cp

MAJ1003	6 Design for Change		
Select 36 c	redit points from the following options:		36ср
89126	Design Studio 1: Human-centred Design	12cp	•
89127	Design Studio 2: Social Design Practice/	_	
	Critical Reflection	12cp	
89128	Design Studio 3:		
	Resilience and Creative Practice	12cp	
89151	Design for Change:		
	Specific Retail Environments	12cp	
89152	Design for Change:		
	Reinvigorating Retail		
	Precincts	12cp	
89153	Design for Change: Retail Futures	12cp	_
		Tota	l 36cp

SUB-MAJORS

SMJ01005 Chemistry

This sub-major provides an appropriate knowledge base for business students who aim to enter chemical or related industries. It is offered at City campus only.

Completion requirements

65111	Chemistry 1	6ср
65212	Chemistry 2	6cp
Select 12	2 credit points from the following options:	12cp
65202	Organic Chemistry 1	6ср
65306	Analytical Chemistry 1	6ср
65307	Physical Chemistry 1	6ср
65411	Inorganic Chemistry 1	6ср
65410	Chemical Safety and Legislation	6ср
		Total 24cp

SMJ01007 Mathematics

The Mathematics sub-major provides students with an interest in the applications of mathematics with the opportunity to apply this to a business setting.

Completion requirements

35101	Introduction to Linear Dynamical Systems	6ср
35102	Introduction to Analysis and Multivariable	•
	Calculus	6ср
35212	Computational Linear Algebra	6ср
35140	Introduction to Quantitative Management	6ср
	<u> </u>	Total 24cp

SMJ01009 Statistics

This sub-major focuses on statistical techniques for the analysis of data used in industry and commerce.

Completion requirements

35101	Introduction to Linear Dynamical Systems	6ср
35353	Regression Analysis	6ср
Select 12 c	redit points from the following options:	12cp
35100	Introduction to Sample Surveys	6ср
35355	Quality Control	6ср
35356	Design and Analysis of Experiments	6ср
35363	Stochastic Models	6ср
		Total 24cp

SMJ01010 Electronics and Computer Interfacing

68101	Foundations of Physics	6ср
68201	Physics in Action	6ср
68316	Applied Electronics and Interfacing	6ср
68415	Measurement and Analysis of Physical	-
	Processes	6ср
		Total 24cp

SMJ01011 Operations Research

This sub-major is concerned with the application of mathematical techniques to provide decision support for industry and commerce.

Completion requirements

35101 35140	Introduction to Linear Dynamical Systems Introduction to Quantitative Management		6ср 6ср
35241	Optimisation in Quantitative Management		6ср
Select one	of the following:		6ср
35342	Nonlinear Methods in Quantitative		•
	Management	6ср	
35344	Network and Combinatorial	_	
	Optimisation	6ср	
35363	Stochastic Models	6ср	
		Total	24cp

SMJ01012 Physics

68101	Foundations of Physics		6ср
68201	Physics in Action		6ср
68315	Imaging Science		6ср
Select one	of the following:		6ср
68414	Advanced Mechanics	6ср	-
68415	Measurement and Analysis of Physical	•	
	Processes	6cp Total	24cp

SM IN10	25 Quantitative Management		SM IN10	045 Internetworking and Applications	
35101	Introduction to Linear Dynamical Systems	6ср	31277	Routing and Internetworks	6ср
35241	Optimisation in Quantitative Management	6ср	31275	Mobile Networking	6cp
Select 12	credit points from the following options:	12cp	31252	Network Security	6cp
35342	Nonlinear Methods in Quantitative	_		credit points from the following options:	6ср
25262	Management	6ср	31284	Web Services Development	6ср
35363 35344	Stochastic Models Network and Combinatorial	6ср	31246 31283	Network Design WANs and Virtual LANs	6ср 6ср
33344	Optimisation	6ср	31285	Mobile Applications Development	6ср 6ср
35340	Quantitative Management Practice	6cp	31254	e-Commerce	6cp
	~ 0	Total 24cp			Total 24cp
CM IO10	124 Quantitativo Managomont		CM IN10	046 Computing and Data Analysis	
35101	126 Quantitative Management Introduction to Linear Dynamical Systems	600		. •	600
35241	Optimisation in Quantitative Management	6ср 6ср	31250 31284	Introduction to Data Analytics Web Services Development	6ср 6ср
	credit points from the following options:	12cp	31259	Intelligent Agents	6ср
35342	Nonlinear Methods in Quantitative	_F		credit points from the following options:	6cp
	Management	6ср	35241	Optimisation in Quantitative Management	6ср
35344	Network and Combinatorial		35232	Advanced Calculus	6cp
25240	Optimisation	6cp	35252 35322	Mathematical Statistics	6cp
35340	Quantitative Management Practice	6cp Total 24cp	35335	Advanced Analysis Mathematical Methods	6ср 6ср
		10tai 24cp	35340	Quantitative Management Practice	6ср
SMJ010	29 Quantitative Methods		35342	Nonlinear Methods in Quantitative	- 1
35101	Introduction to Linear Dynamical Systems	6ср		Management	6ср
35241	Optimisation in Quantitative Management	6cp	35344	Network and Combinatorial	
35353	Regression Analysis	6ср	25255	Optimisation	6cp
35363	Stochastic Models	6cp	35355 35356	Quality Control Design and Analysis of Experiments	6ср 6ср
		Total 24cp	35361	Stochastic Processes	6ср
SMJ010	30 Statistics (Life Sciences)		35391	Seminar (Mathematics)	6cp
35101	Introduction to Linear Dynamical Systems	6ср	35393	Seminar (Statistics)	6ср
35353	Regression Analysis	6cp			Total 24cp
35356	Design and Analysis of Experiments	6cp	SM 1010	048 Environmental Sciences	
	credit points from the following options:	6ср	91110		6an
35255 35363	Forensic Statistics Stochastic Models	6cp	91154	Experimental Design and Sampling Ecology	6ср 6ср
35100	Introduction to Sample Surveys	6ср 6ср	91145	Environmental Protection and Management	
00100	introduction to bumple burveys	Total 24cp		credit points from the following options:	6cp
		1	91120	GIS and Remote Sensing	6ср
	31 Statistics (Physical Sciences)		91121	Aquatic Ecology	6cp
35363	Stochastic Models				
		6cp			Total 24cp
35353	Regression Analysis	6ср	SMJ020	015 Strategic Information Technology	10tai 24cp
35353 35252	Regression Analysis Mathematical Statistics	6ср 6ср		015 Strategic Information Technology	•
35353	Regression Analysis	6ср 6ср 6ср		215 Strategic Information Technology credit points from the following options: Interaction Design	24cp
35353 35252	Regression Analysis Mathematical Statistics	6ср 6ср	Select 24 32509 32531	credit points from the following options: Interaction Design Global Information Systems	24cp 6cp 6cp
35353 35252 35361	Regression Analysis Mathematical Statistics	6ср 6ср 6ср	Select 24 32509 32531 32536	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling	24cp 6cp 6cp 6cp
35353 35252 35361 SMJ010 35151	Regression Analysis Mathematical Statistics Stochastic Processes 32 Statistical Modelling Introduction to Statistics	6cp 6cp 6cp Total 24cp 6cp	Select 24 32509 32531 32536 32702	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications	24cp 6cp 6cp 6cp 6cp
35353 35252 35361 SMJ010 35151 35353	Regression Analysis Mathematical Statistics Stochastic Processes 132 Statistical Modelling Introduction to Statistics Regression Analysis	6cp 6cp 6cp Total 24cp 6cp 6cp	Select 24 32509 32531 32536 32702 32208	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy	24cp 6cp 6cp 6cp 6cp 6cp
35353 35252 35361 SMJ010 35151 35353 Select 12	Regression Analysis Mathematical Statistics Stochastic Processes 32 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options:	6cp 6cp 6cp Total 24cp 6cp 6cp 12cp	Select 24 32509 32531 32536 32702 32208 32148	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing	24cp 6cp 6cp 6cp 6cp 6cp 6cp
35353 35252 35361 SMJ010 35151 35353 Select 12 35100	Regression Analysis Mathematical Statistics Stochastic Processes 32 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys	6cp 6cp 6cp Total 24cp 6cp 6cp 12cp	Select 24 32509 32531 32536 32702 32208	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy	24cp 6cp 6cp 6cp 6cp 6cp
35353 35252 35361 SMJ010 35151 35353 Select 12 35100 35355	Regression Analysis Mathematical Statistics Stochastic Processes 32 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys Quality Control	6cp 6cp 6cp Total 24cp 6cp 12cp 6cp 6cp	Select 24 32509 32531 32536 32702 32208 32148 42900	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing Sustainability and Information Systems	24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
35353 35252 35361 SMJ010 35151 35353 Select 12 35100	Regression Analysis Mathematical Statistics Stochastic Processes 32 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys	6cp 6cp 6cp Total 24cp 6cp 6cp 12cp 6cp 6cp 6cp 6cp	Select 24 32509 32531 32536 32702 32208 32148 42900	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing	24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
35353 35252 35361 SMJ010 35151 35353 35353 35350 35355 35356	Regression Analysis Mathematical Statistics Stochastic Processes 32 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys Quality Control Design and Analysis of Experiments	6cp 6cp 7ctal 24cp 6cp 6cp 12cp 6cp 6cp 6cp	Select 24 32509 32531 32536 32702 32208 32148 42900 SMJ020 This sub	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing Sustainability and Information Systems D36 Business Information Systems D-major provides students with theoretical as	24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp
35353 35252 35361 SMJ010 35151 35353 Select 12 35100 35355 35356 35363	Regression Analysis Mathematical Statistics Stochastic Processes 132 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys Quality Control Design and Analysis of Experiments Stochastic Models	6cp 6cp 6cp Total 24cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp	Select 24 32509 32531 32536 32702 32208 32148 42900 SMJ020 This sub knowled	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing Sustainability and Information Systems Design Systems	24cp 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp
35353 35252 35361 SMJ010 35151 35353 Select 12 35100 35355 35356 35363 SMJ010	Regression Analysis Mathematical Statistics Stochastic Processes 132 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys Quality Control Design and Analysis of Experiments Stochastic Models 143 Business Information Systems Management	6cp 6cp 7ctal 24cp 6cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp	Select 24 32509 32531 32536 32702 32208 32148 42900 SMJ020 This sub knowled effective	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing Sustainability and Information Systems Design of the way in which information systems o	24cp 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp and practical contribute to ta variety of
35353 35252 35361 SMJ010 35151 35353 Select 12 35100 35355 35356 35363 SMJ010 Select 24	Regression Analysis Mathematical Statistics Stochastic Processes 132 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys Quality Control Design and Analysis of Experiments Stochastic Models 143 Business Information Systems Manageredit points from the following options:	6cp 6cp 6cp Total 24cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp	Select 24 32509 32531 32536 32702 32208 32148 42900 SMJ020 This sub knowled effective	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing Sustainability and Information Systems Design Systems	24cp 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp and practical contribute to ta variety of
35353 35252 35361 SMJ010 35151 35353 Select 12 35100 35355 35356 35363 SMJ010	Regression Analysis Mathematical Statistics Stochastic Processes 32 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys Quality Control Design and Analysis of Experiments Stochastic Models 43 Business Information Systems Manageredit points from the following options: Information System Development	6cp 6cp 6cp Total 24cp 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp gement 24cp	Select 24 32509 32531 32536 32702 32208 32148 42900 SMJ020 This sub knowled effective key aspec	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing Sustainability and Information Systems Design of the way in which information systems o	24cp 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp and practical contribute to ta variety of
35353 35252 35361 SMJ010 35151 35353 Select 12 35100 35355 35356 35363 SMJ010 Select 24 31257 31255	Regression Analysis Mathematical Statistics Stochastic Processes 132 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys Quality Control Design and Analysis of Experiments Stochastic Models 143 Business Information Systems Manageredit points from the following options:	6cp 6cp 7ctal 24cp 6cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp	Select 24 32509 32531 32536 32702 32208 32148 42900 SMJ020 This sub knowled effective key aspec	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing Sustainability and Information Systems 236 Business Information Systems 256-major provides students with theoretical and all ge of the way in which information systems of business. The electives provide a closer look at eacts of information systems development and understanding the systems d	24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp and practical contribute to ta variety of see.
35353 35252 35361 SMJ010 35151 35353 Select 12 35100 35355 35356 35363 SMJ010 Select 24 31257 31255 31247	Regression Analysis Mathematical Statistics Stochastic Processes 32 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys Quality Control Design and Analysis of Experiments Stochastic Models 43 Business Information Systems Manacredit points from the following options: Information System Development Methodologies Finance and IT Collaborative Business Processes	6cp 6cp 6cp Total 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 5cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	Select 24 32509 32531 32536 32702 32208 32148 42900 SMJ020 This sub knowled effective key aspective	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing Sustainability and Information Systems Old Business Information Systems Demajor provides students with theoretical and ge of the way in which information systems of business. The electives provide a closer look at eacts of information systems development and untion requirements Introduction to Information Systems Business Requirements Modelling	24cp 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp and practical contribute to ta variety of see.
35353 35252 35361 SMJ010 35151 35353 Select 12 35100 35355 35356 35363 SMJ010 Select 24 31257 31255 31247 31245	Regression Analysis Mathematical Statistics Stochastic Processes 32 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys Quality Control Design and Analysis of Experiments Stochastic Models 43 Business Information Systems Manacredit points from the following options: Information System Development Methodologies Finance and IT Collaborative Business Processes Business Process and IT Strategy	6cp 6cp 6cp Total 24cp 6cp 6cp 6cp 6cp 6cp 6cp 7otal 24cp gement 24cp	Select 24 32509 32531 32536 32702 32208 32148 42900 SMJ020 This sub knowled effective key aspective	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing Sustainability and Information Systems Data Business Requirements Modelling Data Business Requireme	24cp 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp and practical contribute to ta variety of see. 6cp 6cp 12cp
35353 35252 35361 SMJ010 35151 35353 Select 12 35100 35355 35356 35363 SMJ010 Select 24 31257 31255 31247	Regression Analysis Mathematical Statistics Stochastic Processes 132 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys Quality Control Design and Analysis of Experiments Stochastic Models 143 Business Information Systems Manageredit points from the following options: Information System Development Methodologies Finance and IT Collaborative Business Processes Business Process and IT Strategy Innovations for Global Relationship	6cp 6cp 6cp Total 24cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	Select 24 32509 32531 32536 32702 32208 32148 42900 SMJ020 This sub knowled effective key aspective key aspective select 12 31245	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing Sustainability and Information Systems 236 Business Information Systems 250-major provides students with theoretical at the system of the way in which information systems of the way in which information systems of the system of the syste	24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp and practical contribute to ta variety of see.
35353 35252 35361 SMJ010 35151 35353 Select 12 35100 35355 35356 35363 SMJ010 Select 24 31257 31255 31247 31245 31258	Regression Analysis Mathematical Statistics Stochastic Processes 132 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys Quality Control Design and Analysis of Experiments Stochastic Models 143 Business Information Systems Manageredit points from the following options: Information System Development Methodologies Finance and IT Collaborative Business Processes Business Process and IT Strategy Innovations for Global Relationship Management	6cp 6cp 6cp Total 24cp 6cp 6cp 12cp 6cp 6cp 6cp 6cp 7otal 24cp gement 24cp 6cp 6cp 6cp 6cp 6cp	Select 24 32509 32531 32536 32702 32208 32148 42900 SMJ020 This sub knowled effective key aspective	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing Sustainability and Information Systems 236 Business Information Systems 250-major provides students with theoretical and large of the way in which information systems of business. The electives provide a closer look at lacts of information systems development and untion requirements Introduction to Information Systems Business Requirements Modelling Credit points from the following options: Business Process and IT Strategy Information System Development	24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp and practical contribute to ta variety of see. 6cp 6cp 6cp 6cp 6cp 12cp 6cp
35353 35252 35361 SMJ010 35151 35353 Select 12 35100 35355 35356 35363 SMJ010 Select 24 31257 31255 31247 31245	Regression Analysis Mathematical Statistics Stochastic Processes 132 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys Quality Control Design and Analysis of Experiments Stochastic Models 143 Business Information Systems Manageredit points from the following options: Information System Development Methodologies Finance and IT Collaborative Business Processes Business Process and IT Strategy Innovations for Global Relationship	6cp 6cp 6cp Total 24cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	Select 24 32509 32531 32536 32702 32208 32148 42900 SMJ020 This sub knowled effective key aspective key aspective select 12 31245	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing Sustainability and Information Systems 236 Business Information Systems 250-major provides students with theoretical at the system of the way in which information systems of the way in which information systems of the system of the syste	24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp and practical contribute to t a variety of se. 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
35353 35252 35361 SMJ010 35151 35353 Select 12 35100 35355 35356 35363 SMJ010 Select 24 31257 31255 31247 31245 31258 31276	Regression Analysis Mathematical Statistics Stochastic Processes 32 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys Quality Control Design and Analysis of Experiments Stochastic Models 43 Business Information Systems Manageredit points from the following options: Information System Development Methodologies Finance and IT Collaborative Business Processes Business Process and IT Strategy Innovations for Global Relationship Management Networked Enterprise Architecture	6cp 6cp 6cp Total 24cp 6cp 6cp 12cp 6cp 6cp 6cp 7otal 24cp gement 24cp 6cp 6cp 6cp 6cp 6cp	Select 24 32509 32531 32536 32702 32208 32148 42900 SMJ020 This subknowled effective key aspective separates and	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing Sustainability and Information Systems 0.36 Business Information Systems 0.5 Business Information Systems 0.6 Business Information Systems 0.7 Business Information Systems 0.7 Business Information Systems 0.7 Business Information Systems 0.7 Business Provide a closer look at a close of information systems development and untion requirements Introduction to Information Systems Business Requirements Modelling Ceredit points from the following options: Business Process and IT Strategy Information System Development Methodologies Collaborative Business Processes Innovations for Global Relationship	24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp and practical contribute to ta variety of see. 6cp 6cp 6cp 6cp 7ctal 24cp
35353 35252 35361 SMJ010 35151 35353 Select 12 35100 35355 35356 35363 SMJ010 Select 24 31257 31255 31247 31245 31258 31276 31282	Regression Analysis Mathematical Statistics Stochastic Processes 32 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys Quality Control Design and Analysis of Experiments Stochastic Models 43 Business Information Systems Manageredit points from the following options: Information System Development Methodologies Finance and IT Collaborative Business Processes Business Process and IT Strategy Innovations for Global Relationship Management Networked Enterprise Architecture Systems Testing and Quality Management	6cp 6cp 6cp Total 24cp 6cp 6cp 12cp 6cp 6cp 6cp 7otal 24cp gement 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Select 24 32509 32531 32536 32702 32208 32148 42900 SMJ020 This suk knowled effective key aspective separates and select 12 31266 31269 Select 12 31245 31257 31247 31258	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing Sustainability and Information Systems 0.36 Business Information Systems 0.5 Business Information Systems 0.6 Business Information Systems 0.7 Business Provide a closer look at a close of information systems development and untion requirements Introduction to Information Systems Business Requirements Modelling Ceredit points from the following options: Business Process and IT Strategy Information System Development Methodologies Collaborative Business Processes Innovations for Global Relationship Management	24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp total 24cp and practical contribute to ta variety of see. 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
35353 35252 35361 SMJ010 35151 35353 Select 12 35100 35355 35356 35363 SMJ010 Select 24 31257 31255 31247 31245 31258 31276 31282	Regression Analysis Mathematical Statistics Stochastic Processes 32 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys Quality Control Design and Analysis of Experiments Stochastic Models 43 Business Information Systems Manacredit points from the following options: Information System Development Methodologies Finance and IT Collaborative Business Processes Business Process and IT Strategy Innovations for Global Relationship Management Networked Enterprise Architecture Systems Testing and Quality Management	6cp 6cp 6cp Total 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Select 24 32509 32531 32536 32702 32208 32148 42900 SMJ020 This sub knowled effective key aspective key aspective for the substitution of the su	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing Sustainability and Information Systems Onagor provides students with theoretical and ge of the way in which information systems of business. The electives provide a closer look at each of information systems development and unction requirements Introduction to Information Systems Business Requirements Modelling Credit points from the following options: Business Process and IT Strategy Information System Development Methodologies Collaborative Business Processes Innovations for Global Relationship Management Networked Enterprise Architecture	24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp and practical contribute to ta variety of see. 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6c
35353 35252 35361 SMJ010 35151 35353 Select 12 35100 35355 35356 35363 SMJ010 Select 24 31257 31255 31247 31245 31258 31276 31282 SMJ010 48024	Regression Analysis Mathematical Statistics Stochastic Processes 32 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys Quality Control Design and Analysis of Experiments Stochastic Models 43 Business Information Systems Manageredit points from the following options: Information System Development Methodologies Finance and IT Collaborative Business Processes Business Process and IT Strategy Innovations for Global Relationship Management Networked Enterprise Architecture Systems Testing and Quality Management 444 Enterprise Systems Development Applications Programming	6cp 6cp 6cp Total 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Select 24 32509 32531 32536 32702 32208 32148 42900 SMJ020 This sub knowled effective key aspective key aspective select 12 31245 31257 31247 31258 31276 31282	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing Sustainability and Information Systems 236 Business Information Systems 236 Business Information Systems 258 Demajor provides students with theoretical at lage of the way in which information systems of business. The electives provide a closer look at lage of information systems development and unction requirements Introduction to Information Systems Business Requirements Modelling Credit points from the following options: Business Process and IT Strategy Information System Development Methodologies Collaborative Business Processes Innovations for Global Relationship Management Networked Enterprise Architecture Systems Testing and Quality Management	24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 10cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
35353 35252 35361 SMJ010 35151 35353 Select 12 35100 35355 35356 35363 SMJ010 Select 24 31257 31247 31245 31247 31245 31276 31282 SMJ010 48024 31260	Regression Analysis Mathematical Statistics Stochastic Processes 32 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys Quality Control Design and Analysis of Experiments Stochastic Models 43 Business Information Systems Manacredit points from the following options: Information System Development Methodologies Finance and IT Collaborative Business Processes Business Process and IT Strategy Innovations for Global Relationship Management Networked Enterprise Architecture Systems Testing and Quality Management Applications Programming Interface Design	6cp 6cp 6cp Total 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Select 24 32509 32531 32536 32702 32208 32148 42900 SMJ020 This sub knowled effective key aspective key aspective for the selective for	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing Sustainability and Information Systems 236 Business Information Systems 250-major provides students with theoretical at alge of the way in which information systems obusiness. The electives provide a closer look at acts of information systems development and untion requirements Introduction to Information Systems Business Requirements Modelling Credit points from the following options: Business Process and IT Strategy Information System Development Methodologies Collaborative Business Processes Innovations for Global Relationship Management Networked Enterprise Architecture Systems Testing and Quality Management e-Commerce	24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 10cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
35353 35252 35361 SMJ010 35151 35353 Select 12 35100 35355 35356 35363 SMJ010 Select 24 31257 31247 31245 31247 31245 31276 31282 SMJ010 48024 31260	Regression Analysis Mathematical Statistics Stochastic Processes 32 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys Quality Control Design and Analysis of Experiments Stochastic Models 43 Business Information Systems Manageredit points from the following options: Information System Development Methodologies Finance and IT Collaborative Business Processes Business Process and IT Strategy Innovations for Global Relationship Management Networked Enterprise Architecture Systems Testing and Quality Management 444 Enterprise Systems Development Applications Programming	6cp 6cp 6cp Total 24cp 6cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Select 24 32509 32531 32536 32702 32208 32148 42900 SMJ020 This sub knowled effective key aspective key aspective select 12 31245 31257 31247 31258 31276 31282	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing Sustainability and Information Systems 236 Business Information Systems 236 Business Information Systems 258 Demajor provides students with theoretical at lage of the way in which information systems of business. The electives provide a closer look at lage of information systems development and unction requirements Introduction to Information Systems Business Requirements Modelling Credit points from the following options: Business Process and IT Strategy Information System Development Methodologies Collaborative Business Processes Innovations for Global Relationship Management Networked Enterprise Architecture Systems Testing and Quality Management	24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
35353 35252 35361 SMJ010 35151 35353 Select 12 35100 35355 35356 35363 SMJ010 Select 24 31257 31247 31245 31247 31245 31258 31276 31282 SMJ010 48024 31260 Select 12 31251 48440	Regression Analysis Mathematical Statistics Stochastic Processes 32 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys Quality Control Design and Analysis of Experiments Stochastic Models 43 Business Information Systems Manageredit points from the following options: Information System Development Methodologies Finance and IT Collaborative Business Processes Business Process and IT Strategy Innovations for Global Relationship Management Networked Enterprise Architecture Systems Testing and Quality Management 44 Enterprise Systems Development Applications Programming Interface Design credit points from the following options: Data Structures and Algorithms Software Engineering Practice	6cp 6cp 6cp Total 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Select 24 32509 32531 32536 32702 32208 32148 42900 SMJ020 This sub knowled effective key aspective key aspective for the selective for	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing Sustainability and Information Systems 236 Business Information Systems 250-major provides students with theoretical at alge of the way in which information systems obusiness. The electives provide a closer look at acts of information systems development and untion requirements Introduction to Information Systems Business Requirements Modelling Credit points from the following options: Business Process and IT Strategy Information System Development Methodologies Collaborative Business Processes Innovations for Global Relationship Management Networked Enterprise Architecture Systems Testing and Quality Management e-Commerce	24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 10cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
35353 35252 35361 SMJ010 35151 35353 Select 12 35100 35355 35356 35363 SMJ010 Select 24 31257 31247 31245 31247 31245 31258 31276 31282 SMJ010 48024 31260 Select 12 31251 48440 31253	Regression Analysis Mathematical Statistics Stochastic Processes 32 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys Quality Control Design and Analysis of Experiments Stochastic Models 43 Business Information Systems Manageredit points from the following options: Information System Development Methodologies Finance and IT Collaborative Business Processes Business Process and IT Strategy Innovations for Global Relationship Management Networked Enterprise Architecture Systems Testing and Quality Management 44 Enterprise Systems Development Applications Programming Interface Design credit points from the following options: Data Structures and Algorithms Software Engineering Practice Database Programming	6cp 6cp 6cp Total 24cp 6cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Select 24 32509 32531 32536 32702 32208 32148 42900 SMJ020 This sub knowled effective key aspective key aspective for the selective for	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing Sustainability and Information Systems 236 Business Information Systems 250-major provides students with theoretical at alge of the way in which information systems obusiness. The electives provide a closer look at acts of information systems development and untion requirements Introduction to Information Systems Business Requirements Modelling Credit points from the following options: Business Process and IT Strategy Information System Development Methodologies Collaborative Business Processes Innovations for Global Relationship Management Networked Enterprise Architecture Systems Testing and Quality Management e-Commerce	24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
35353 35252 35361 SMJ010 35151 35353 Select 12 35100 35355 35356 35363 SMJ010 Select 24 31257 31247 31245 31247 31245 31258 31276 31282 SMJ010 48024 31260 Select 12 31251 48440	Regression Analysis Mathematical Statistics Stochastic Processes 32 Statistical Modelling Introduction to Statistics Regression Analysis credit points from the following options: Introduction to Sample Surveys Quality Control Design and Analysis of Experiments Stochastic Models 43 Business Information Systems Manageredit points from the following options: Information System Development Methodologies Finance and IT Collaborative Business Processes Business Process and IT Strategy Innovations for Global Relationship Management Networked Enterprise Architecture Systems Testing and Quality Management 44 Enterprise Systems Development Applications Programming Interface Design credit points from the following options: Data Structures and Algorithms Software Engineering Practice	6cp 6cp 6cp Total 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	Select 24 32509 32531 32536 32702 32208 32148 42900 SMJ020 This sub knowled effective key aspective key aspective for the selective for	credit points from the following options: Interaction Design Global Information Systems Advanced Software Modelling Contemporary Telecommunications Information Systems Strategy Enterprise Computing Sustainability and Information Systems 236 Business Information Systems 250-major provides students with theoretical at alge of the way in which information systems obusiness. The electives provide a closer look at acts of information systems development and untion requirements Introduction to Information Systems Business Requirements Modelling Credit points from the following options: Business Process and IT Strategy Information System Development Methodologies Collaborative Business Processes Innovations for Global Relationship Management Networked Enterprise Architecture Systems Testing and Quality Management e-Commerce	24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 12cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6

SMJ02037 Information Technology

This sub-major provides a general understanding of the main aspects of the IT field, from a slightly more technical perspective than SMJ02036. Students gain an appreciation of the complexity of IT development and the many possibilities for future uses of IT in business.

Completion requirements

Select 24	credit points from the following options:	24cp
31266	Introduction to Information Systems	6ср
31270	Networking Essentials	6ср
31061	Database Principles	6ср
31268	Web Systems	6ср
48023	Programming Fundamentals	6cp
		Total 24cp

SMJ02038 Information Technology

This sub-major is designed for students who have an information technology background or a keen interest in information technology. It offers the participant either a platform entry for those with a non-IT background or a more specialised entry for those with an IT background. The innovative programs cover growth areas such as computer graphics and gaming, data mining, e-business technology, human-centred design, interactive multimedia, internetworking and strategic IT management.

The ability to understand both management and technology is increasingly valued by modern enterprises, and as society continues to become more and more technology dependent it is clear those who have effective knowledge and can manage technology are well suited for leadership positions; via this sub-major participants have the opportunity to acquire knowledge, strategies and skills that cover the applications and management of technology.

Completion requirements

Select one of the following:	24cp
STM90695 Core subjects	24cp
CBK90802 Choice	24cp
	Total 24cp

SMJ02039 Computer Graphics and Animation

31264	Introduction to Computer Graphics	6ср
Select 18 c	redit points from the following options:	18cp
31262	Introduction to Computer Game Design	6ср
31263	Introduction to Computer Game	-
	Programming	6ср
31248	Computer Graphics Project	6ср
31241	3D Computer Animation	6ср
31249	Computer Graphics Rendering Techniques	6ср
		Total 24cp

SMJ02040 Software Engineering

Select 24	credit points from the following options:	24cp
31030	Project	6ср
31005	Data Mining Algorithms	6ср
31250	Introduction to Data Analytics	6ср
31253	Database Programming	6ср
31259	Intelligent Agents	6ср
		Total 24cp

SMJ02043 Internetworking

31283	WANs and Virtual LANs	6ср
31246	Network Design	6ср
31252	Network Security	6ср
31274	Network Management	6cp
	O	Total 24cp

SMJ02044 Mobile Computing

CBK90746	Mobile Computing Network choice	6ср
31285	Mobile Applications Development	6cp
Select 12 o	credit points from the following options:	12cp
31091	Mobile Computing Project	6ср
31252	Network Security	6ср
31275	Mobile Networking	6ср
	G	Total 24cp

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31257	Information System Development			
	Methodologies	6ср		
Select 18	credit points from the following options:	18cp		
31927	Application Development with .NET	6ср		
31335	Extreme Programming	6ср		
31777	Human-Computer Interaction	6ср		
31100	Enterprise Development with .NET	6ср		
31030	Project	6ср		
		Total 24cp		
		_		
SM I020/7 IT Management				

SMJ02047 IT Management

31735	Information Systems and Organisation	
	Development	6ср
31245	Business Process and IT Strategy	6ср
Select 12 o	credit points from the following options:	12cp
31096	Managing Client/Vendor Relations	6ср
31097	IT Operations Management	6ср
31950	Networked Enterprise Design	6ср
31777	Human-Computer Interaction	6ср
31030	Project	6ср
		Total 24cp

SMJ02054 Scientific Computing

35363	Stochastic Models	6ср
35212	Computational Linear Algebra	6ср
35383	High Performance Computing	6ср
Select 6 c	redit points from the following options:	6ср
35231	Differential Equations	6ср
48023	Programming Fundamentals	6ср
		Total 24cp

SMJ02056 Operations Theory and Management

35140	Introduction to Quantitative Management		6ср
35241	Optimisation in Quantitative Management		6cp
Select 12 c	redit points from the following options:		12cp
35342	Nonlinear Methods in Quantitative		-
	Management	6ср	
35363	Stochastic Models	6ср	
35340	Quantitative Management Practice	6ср	
35344	Network and Combinatorial	-	
	Optimisation	6ср	
	-	Total	l 24cp

SMJ02057 Scientific Computing

35101 Introduction to Linear Dynamical System	ns 6cp
35212 Computational Linear Algebra	6ср
35231 Differential Equations	6ср
35383 High Performance Computing	6ср
	Total 24cp

SMJ02059 Information Technology

Select 24 o	redit points from the following options:	24cp
31266	Introduction to Information Systems	6ср
31268	Web Systems	6ср
31269	Business Requirements Modelling	6ср
31270	Networking Essentials	6ср
31271	Database Fundamentals	6ср
31284	Web Services Development	6ср
48023	Programming Fundamentals	6ср
48024	Applications Programming	6ср
		Total 24cn

SMJ02064 Business Information Systems Management

In the Business Information Systems Management sub-major students $undertake\ 24\ credit\ points\ from\ the\ corresponding\ major\ (MAJ02080).$

	•		
Select 24 c	redit points from the following options:		24cp
31245	Business Process and IT Strategy	6ср	-
31257	Information System Development	-	
	Methodologies	6ср	
31247	Collaborative Business Processes	6ср	
31258	Innovations for Global Relationship	_	
	Management	6ср	
31255	Finance and IT	6ср	
31276	Networked Enterprise Architecture	6ср	
31282	Systems Testing and Quality Management	6ср	
31097	IT Operations Management	6ср	
		Tota	1 24cp

SMJ02065 Data Analytics

In this sub-major students undertake 24 credit points from the corresponding major (MAJ02081).

Completion requirements

35151	Introduction to Statistics	6ср
31250	Introduction to Data Analytics	6cp
Select 12 o	credit points from the following options:	12cp
31000	e-Business Trading	6ср
31259	Intelligent Agents	6ср
31256	Image Processing and Pattern Recognition	6ср
31005	Data Mining Algorithms	6ср
31050	Programming with Patterns	6ср
31075	Object-relational Databases	6ср
32146	Data Visualisation and Visual Analytics	6ср
	•	Total 24cp

SMJ02066 Computer Graphics and Animation

The subjects in this sub-major provide the theoretical and practical knowledge that is required to understand and build modern 3D computer graphics applications. This knowledge is applied to building a ray tracer, producing a 3D computer animation and carrying out a computer graphics project. The project can be in any area of graphics; a popular topic recently has been to build a real time renderer using OpenGL.

Completion requirements

31264	Introduction to Computer Graphics	6ср
Select 1	8 credit points from the following options:	18cp
31262	Introduction to Computer Game Design	6ср
31263	Introduction to Computer Game	_
	Programming	6ср
31241	3D Computer Animation	6ср
31248	Computer Graphics Project	6ср
31249	Computer Graphics Rendering Techniques	6ср
31080	Digital Multimedia	6ср
		Total 24cp

SMJ02069 Information Technology

	3,	
Select 24 c	redit points from the following options:	24cp
32560	IS Architecture - A Cloud Perspective	6ср
32569	Enterprise Business Requirements	6ср
32557	Enabling Enterprise Information Systems	6ср
32559	Business Process Design	6ср
32555	Fundamentals of Software Development	6ср
32148	Enterprise Computing	6ср
		Total 24cp

SMJ03029 Technology

16074	International Construction	6ср
16075	Sustainable Building Technology	6cp
16076	Building Assessment	6cp
16077	Advanced Construction Technologies	6cp
		Total 24cp

SM 103034 Computer Systems Engineering

SMJU3U34 Computer Systems Engineering			
48440	Software Engineering Practice	6ср	
48450	Real-time Operating Systems	6ср	
48451	Advanced Digital Systems	6ср	
48570	Data Acquisition and Distribution	6ср	
	i	Total 24cn	

SMJ03036 Enterprise Systems Development

In this sub-major students undertake 24 credit points from the corresponding major (MAJ03444).

Completion requirements

48024	Applications Programming	6ср
31260	Interface Design	6ср
Select 12 c	redit points from the following options:	12cp
31251	Data Structures and Algorithms	6ср
48440	Software Engineering Practice	6ср
48433	Software Architecture	6ср
31253	Database Programming	6ср
31100	Enterprise Development with .NET	6ср
31335	Extreme Programming	6ср
31927	Application Development with .NET	6ср
31075	Object-relational Databases	6ср
		Total 24cp

SMJ03037 Internetworking and Applications

In the Internetworking and Applications sub-major students undertake 24 credit points from the corresponding major (MAJ03445).

Completion requirements

31277	Routing and Internetworks	6ср
31275	Mobile Networking	6cp
31252	Network Security	6cp
Select 6 cr	edit points from the following options:	6ср
31284	Web Services Development	6ср
31246	Network Design	6ср
31283	WANs and Virtual LANs	6ср
31285	Mobile Applications Development	6ср
31254	e-Commerce	6ср
31338	Network Servers	6ср
		Total 24cp

SMJ03038 Software

48024	Applications Programming	6ср
48440	Software Engineering Practice	6ср
48433	Software Architecture	6ср
48430	Embedded C	6ср
48434	Embedded Software	6cp
48450	Real-time Operating Systems	6ср
CBK90366	ICT choice	18cp
		Total 54cp

SMJ03039 Software

48024	Applications Programming	6ср
48440	Software Engineering Practice	6ср
48433	Software Architecture	6cp
48430	Embedded C	6cp
48434	Embedded Software	6cp
48450	Real-time Operating Systems	6cp
CBK90368	ICT choice	6cp
		Total 42cp

SMJ03040 Software

48024	Applications Programming	6ср
48440	Software Engineering Practice	6ср
48433	Software Architecture	6ср
48430	Embedded C	6ср
48434	Embedded Software	6ср
48450	Real-time Operating Systems	6ср
CBK90367	ICT choice	12cp
		Total 48cp

SMJ03041 Computer Systems

48430	Embedded C	6ср
48434	Embedded Software	6ср
48450	Real-time Operating Systems	6ср
48520	Electronics and Circuits	6ср
48451	Advanced Digital Systems	6ср
48570	Data Acquisition and Distribution	6ср
CBK90366	ICT choice	18cp
		Total 54cp

SMJ03042 Computer Systems

48430	Embedded C	6ср
48434	Embedded Software	6ср
48450	Real-time Operating Systems	6ср
48520	Electronics and Circuits	6ср
48451	Advanced Digital Systems	6ср
48570	Data Acquisition and Distribution	6ср
CBK90368	ICT choice	6ср
		Total 42cp

SMJ03043 Computer Systems

48430	Embedded C	6ср
48434	Embedded Software	6ср
48450	Real-time Operating Systems	6ср
48520	Electronics and Circuits	6ср
48451	Advanced Digital Systems	6ср
48570	Data Acquisition and Distribution	6ср
CBK90367	ICT choice	12cp
		Total 48cp

CM IO20	// Tologommunications		CM IO2	052 Advanced Machanical Analysis	
	44 Telecommunications	(053 Advanced Mechanical Analysis	24
48770	Continuous Communications	6cp		4 credit points from the following options:	24cp
48771 48780	Discrete Communications Mehile Communications	6cp	49325 49322	Computer-aided Mechanical Design	6cp
48740	Mobile Communications Communications Networks	6cp	48662	Airconditioning Mechanical Applications	6cp
48730		6cp			6cp
48750	Authentication and System Security	6cp	49323 49321	Vibration Analysis Energy Conversion	6cp
	Network Planning and Management 66 ICT choice	6ср 18ср	49321	Turbomachines	6cp
CDK9030	oo ici dioice	Total 54cp	49320	Turbomachines	6cp Total 24cp
		101ан 54ср			10ан 24ср
SMJ030	45 Telecommunications		SMJ030	054 Sustainable Energy Systems Analysis	
48770	Continuous Communications	6ср	Select 24	4 credit points from the following options:	24cp
48771	Discrete Communications	6ср	49322	Airconditioning	6ср
48780	Mobile Communications	6ср	49307	Internal Combustion Engines	6ср
48740	Communications Networks	6ср	49328	Turbomachines	6ср
48730	Authentication and System Security	6ср	49321	Energy Conversion	6ср
48750	Network Planning and Management	6cp	49316	Materials Handling	6ср
CBK9036	68 ICT choice	6cp			Total 24cp
		Total 42cp	CM Inc	055 Automation	
CM IUSU	46 Telecommunications				0.4
				1 credit points from the following options:	24cp
48770	Continuous Communications	6cp	48023	Programming Fundamentals	6cp
48771	Discrete Communications	6cp	48531	Electromechanical Automation Mechatronics 1	6cp
48780 48740	Mobile Communications	6cp	48622 49928		6cp
48730	Communications Networks	6cp	49920	Design Optimisation for Manufacturing	6cp Total 24cp
48750	Authentication and System Security	6cp			10tai 24cp
	Network Planning and Management 57 ICT choice	6ср 12ср	SM IU3	056 Advanced Manufacturing Systems	
CDIV9030	77 ICT CHOICE	Total 48cp			24 am
		тош тоср	49325	4 credit points from the following options: Computer-aided Mechanical Design	24cp
SMJ030	47 Biomedical Engineering		49323	Materials Handling	6ср 6ср
91161	Cell Biology and Genetics	6ср	49928	Design Optimisation for Manufacturing	6ср
91400	Human Anatomy and Physiology	6ср	48662	Mechanical Applications	6ср
49261	Biomedical Instrumentation	6ср	49322	Airconditioning	6cp
49275	Neural Networks and Fuzzy Logic	6cp	49323	Vibration Analysis	6cp
	, , , , , , , , , , , , , , , , , , ,	Total 24cp			Total 24cp
		1			1
SMJ030	48 Building Services		SMJ030	057 Automotive Systems	
16308	Services 2	6ср	Select 24	4 credit points from the following options:	24cp
16424	Construction MIS	6cp	49325	Computer-aided Mechanical Design	6ср
16107	Planning and Design Process	6cp	49286	Vehicle Design	6cp
16205	Services 1	6ср	49928	Design Optimisation for Manufacturing	6ср
		Total 24cp	49328	Turbomachines	6cp
			49307	Internal Combustion Engines	6ср
SMJ030	49 Mechanical Engineering		49323	Vibration Analysis	6ср
48610	Introduction to Mechanical and Mechatronic	2			Total 24cp
	Engineering	6ср	CM IO2	OEO Intelligent Customs	
Select 18	credit points from the following options:	18cp		058 Intelligent Systems	
48620	Fundamentals of Mechanical Engineering	6ср		1 credit points from the following options:	24cp
48331	Mechanics of Solids	6cp	49274	Advanced Robotics	6cp
48621	Manufacturing Engineering	6ср	49261	Biomedical Instrumentation	6cp
48641	Fluid Mechanics	6cp	49928	Design Optimisation for Manufacturing	6cp
48651	Thermodynamics	6cp	49330	Sensors and Signal Processing	6cp
48661	Heat Transfer	6cp Total 24cp	49329	Control of Mechatronic Systems	6cp Total 24cp
		10tai 24cp			10tai 24cp
SMJ030	50 Mechatronics		SMJ030	059 Sustainable Energy Systems	
48610	Introduction to Mechanical and Mechatronic	,		4 credit points from the following options:	24cp
	Engineering	6ср	49322	Airconditioning	6ср
48620	Fundamentals of Mechanical Engineering	6ср	49328	Turbomachines	6cp
48600	Mechanical Design 1	6cp	49321	Energy Conversion	6cp
48623	Mechatronics 2	6cp	49307	Internal Combustion Engines	6cp
		Total 24cp	48661	Heat Transfer	6cp
		1			Total 24cp
SMJ030	51 Network Engineering				*
48720	Network Fundamentals	6ср	SMJ030	060 Manufacturing Automation	
48740	Communications Networks	6cp		4 credit points from the following options:	24cp
48730	Authentication and System Security	6ср	49312	Advanced Flow Modelling	6ср
48750	Network Planning and Management	6ср	49316	Materials Handling	6cp
		Total 24cp	49928	Design Optimisation for Manufacturing	6ср
C14 1000	E2 Cathurana English a saiste		49274	Advanced Robotics	6cp
	52 Software Engineering		49329	Control of Mechatronic Systems	6cp
48023	Programming Fundamentals	6cp	49330	Sensors and Signal Processing	6cp
48440	Software Engineering Practice	6cp			Total 24cp
48024	Applications Programming	6cp			
48433	Software Architecture	6cp			
		Total 24cp			

Second Content Conte	SMJ030	061 Engineering		SMJ060	24 Mental Health Nursing	
1989 Engineering Financial Control 6p 9269 Mental Health Assessment 6p 9269 Mental Health Health Care 6p 9269 Mental Mursing Mental Health Care 6p 9269 Mental Health Care 6p 9269 Mental Mursing Mental Health Care 6p 9269 Ment			24cn			6cp
Section Sect						. *
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Management September Sep	49680	Value Chain Engineering Systems	. *		1	
Select Selection Selec	49016	Technology and Innovation	-			-
SMJ03429 Engineering Policy 9273 Feminated Development 6cp 92867 Security courts from the following options: 9287 Permitated Development 6cp 92867 Security Courts from the following options: 9287 Permitated Development 6cp 92880 Security Critical Practice 92880 Security		Management	6ср	SMJ060	125 Neonatal Nursing	
Majaba	49006	Risk Management in Engineering		92869	Specialty Clinical Practice	6ср
Select 2 resilit points from the following options 24cp			Total 24cp	92713	Ĥealth Breakdown	
Select Section Secti	614 100				Perinatal Development	6ср
Management in Engineering 6q				92895	Issues in Neonatal Care	
Managing Information flechnology in Specialty Clinical Practice Specialty Clinical Practi						Total 24cp
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49010 Judgment and Decision Making Cop 929.0 Neuroscience: Trauma and Cerebrovascular Cop 49016 Total 24cp Total 24	49013		(
49016 Judgment and Decision Making 6cp 92920 Neuroscience: Trauma and Corebrovascular 6cp 7ct	40122		. *			
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SMJ06014 Smillding Surveying SmJ06027 Perioperative Nursing SmJ06018 Smill Surveying Smi	17010		6cp	92921	Neuroscience: Degenerative and Oncologic	Total 24cp
SMJ06027 Perioperative Nursing SMJ06027 Perioperative Nursing SMJ06027 September Septem		Management				10tai 24cp
16078 Fire Dynamics			rotar = rep	SM INAN	127 Perionerative Nursing	
16079 Fire Toynamics 6cp 92881 Foundations of Perioperative Nursing 6cp	SMJ040	014 Building Surveying				6cn
1608 Fies Salety Systems	16078	Fire Dynamics	6ср			
Fig.			. *			
Muman Behaviour in Fire	16080	Fire Safety Systems	, *			
SMJ04015 General Practice SMJ06032 Acute Care Nursing SMJ06032	16081	Human Behaviour in Fire	. *		()	
Marchitectural Experience 92713 Health Breakdown 6cp 9266 Specialty Clinical Practice 6cp 9266 Specialty Clinical Practice 6cp 92616 Core Concepts in Acute Care Nursing 6cp 92616 Core Concepts in Acute Care Nursing 6cp 92617 Early Interventions in Acute Care Nursing 6cp 92618 Early Interventions in Acute Care Nursing 6cp 92619 Early Interventions in Acute Care Nursing 92619 Early Interventions in Acute Care Nursing 92619 Early Interventions in Acute Care Nursing 92713 Health Breakdown 6cp 9289 Specialty Clinical Practice 6cp 92896 Specialty Clinical Practice 6cp 92897 Early Interventions in Acute Care Nursing 92713 Health Standard Standar			Total 24cp			1
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SMJ04016 Architectural Experience School SmJ04016 Architectural Experience SmJ04017 Architectu			6ср	92869	Specialty Clinical Practice	
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Marchitectural Experience Septiment			10tai 24cp	CM 10/0	122 Child and Family Health Nursing	
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Architectural Experience B 6cp 7 Total 24cp SMJ06023 Performative Spaces 86530 Design Studio: Performative Spaces 1 12cp 86530 Design Studio: Performative Spaces 2 12cp 93006 Clinical Practice (Diabetes) 6cp 13536 Learning in Diabetes Education and Management of Diabetes 6cp 13536 Learning in Diabetes Education and Management 6cp 13536 Learning in Diabetes Education 13546 Primary Health Care 13546 Primary Hea			6an			0 1
Architectural Experience C 6cp 11297 Architectural Experience D 6cp 11297 Total 24cp Total 24cp SMJ04023 Performative Spaces			, *			
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SMJ06023 Performative Spaces SMJ06034 Diabetes Education and Management SMJ06036 Design Studio: Performative Spaces 1 12cp 86530 Design Studio: Performative Spaces 2 12cp 86533 Design Studio: Performative Spaces 2 12cp 86533 Design Studio: Performative Spaces 2 12cp 86534 Design Studio: Performative Spaces 2 12cp 86536 Total 24cp SMJ06020 Anaesthetics and Recovery Room Nursing Select one of the following: Select one o			. *	92020	ranning and Community Health Fractice	
SMJ06023 Performative Spaces 86530 Design Studio: Performative Spaces 1 12cp 92934 Clinical Management of Diabetes 6cp 86530 Design Studio: Performative Spaces 2 12cp 93006 Clinical Practice (Diabetes) 6cp 7 10tal 24cp 15356 Learning in Diabetes Education 6cp 15356 Learning in Diab	112//	Themteeturur Experience B				10tai 24cp
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SMJ06020 Anaesthetics and Recovery Room Nursing Select one of the following: 6cp 292713 Health Breakdown 6cp	86530	Design Studio: Performative Spaces 1	12cp			
SMJ0602V Anaesthetics and Recovery Room Nursing Select one of the following: 92713	86533	Design Studio: Performative Spaces 2	12cp			
SMJ0602 Anaesthetics and Recovery Room Nursing Select one of the following: 92713 Health Breakdown 6cp CBK90056 Nursing subjects (PG) 6cp Select one of the following: 6cp Select one of the following: 6cp Specialty Clinical Practice STM90490 Clinical Accreditation Program (NSLHD) 6cp CBK90056 Nursing subjects (PG) 6cp Specialty Clinical Practice (NSLHD) 6cp Specialty Clinical Accreditation Program (NSLHD) 6cp SMJ08037 Operations and Supply Chain SMJ08037 Operations and Supply Chain SMJ08037 Operations and Supply Chain This sub-major provides participants with the opportunity to acquire knowledge of a broad range of theory and applications related to the design, planning and operation of processes and networks needed to deliver products and expertise necessary to evaluate business operations needs and to design processes and planning and control systems to deliver these needs. Participants have the opportunity to acquire knowledge in key areas related to the efficient production and supply of goods and services. SMJ08025 Critical Care Nursing P2713 Health Breakdown SMJ08037 Operations and Supply Chain This sub-major provides participants with the opportunity to acquire knowledge of a broad range of theory and applications related to the design, planning and operation of processes and networks needed to deliver products and services to customers. It provides a range of analytical skills and expertise necessary to evaluate business operations needs and to design processes and planning and control systems to deliver these needs. Participants have the opportunity to acquire knowledge in key areas related to the efficient production and supply of goods and services. SMJ06025 Critical Care Nursing SMJ06025 Care of the Cilical Practice SMJ06026 Care of Ca			Total 24cp	015356		
Select one of the following: 92713 Health Breakdown 6cp Select one of the following: 6cp Select one of the following: 92869 Specialty Clinical Practice 92869 Specialty Clinical Practice 6cp STM90490 Clinical Accreditation Program (NSLHD) 6cp 92867 Education for Practice Development (NSLHD) 6cp 92607 Education for Practice Development 6cp 92608 Specialty Clinical Accreditation Program (NSLHD) 6cp 92607 Education for Practice Development 6cp 92608 SMJ08037 Operations and Supply Chain 7bis sub-major provides participants with the opportunity to acquire knowledge of a broad range of theory and applications related to the design, planning and operation of processes and networks needed to deliver products and services to customers. It provides a range of an allytical skills and expertise necessary to evaluate business operations needs and to design processes and planning and control systems to deliver these needs. Participants have the opportunity to acquire knowledge in key areas related to the efficient production and supply of goods and services. SMJ06023 Critical Care Nursing 92713 Health Breakdown 6cp 6cp 7total 24cp 7tot						Total 24cp
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SMJ08038 Strategic Management

This sub-major provides participants with the opportunity to acquire knowledge of strategy, entrepreneurship, operations and managing for sustainability theory and its practical application necessary for the responsible management of successful, sustainable business operations in the globalised business environment. It provides a comprehensive range of skills and expertise that links traditional, knowledge and state-of-the-art knowledge. Participants gain knowledge of leading-edge strategy concepts and tools for the collection and dissemination of internal and external data. The submajor links the consulting profession with the processes of strategic management, entrepreneurship and innovation, technology and information systems.

Completion requirements

Select 24 credit points from the following options:		
21797	Strategic Supply Chain Management	6ср
21811	Global Strategic Management	6cp
21832	Managing for Sustainability	6cp
21854	Innovation and Entrepreneurship	6ср
21008	Management Consulting	6ср
21012	Governance and Sustainability	6cp
	•	Total 24cp

SMJ08066 Human Resources Management

The Human Resource Management sub-major provides students with the skills, knowledge, and abilities needed to effectively contribute to an organisation's human resource management (HRM) functions as part of a broader management role. The sub-major introduces students to the frameworks governing and influencing HRM and aims to develop an understanding of HRM as applied in Australian and international contexts. The sub-major develops students' critical analysis skills, understanding of the role of communication and information technology and appreciation of ethical issues in HRM through the study of HRM structures, systems and processes as well as strategic approaches to the field of HRM.

Completion requirements

21720	Human Resource Management	6ср
21724	Strategic Human Resource Management	6ср
21760	Performance and Talent Management	6ср
21833	International Human Resources Management	6ср
	To	tal 24cp

SMJ08071 Arts Management

The Arts Management sub-major provides students with the opportunity to acquire knowledge of the arts and cultural industries, how they are structured and managed. The sub-major enables students to acquire skills applicable for arts and cultural professional purposes. It provides a comprehensive range of skills and expertise expected of management professionals in the performing, visual, digital media, literary, entertainment and other cultural industries. Students acquire knowledge in the areas of arts management and the experience economy through learning strategies that cover contemporary case study analysis, theory and applications. By the end of the sub-major they are able to analyse contemporary challenges and issues of this sector; provide solutions to problems through developing strategic plans based on arts and cultural case studies; apply management theories and concepts and decision-making skills in the context of specific arts and cultural case studies; and propose solutions to the management of arts facilities.

Completion requirements

•	•	
27753	Arts and Cultural Industries	6ср
27755	Arts Organisations and Management	6ср
27763	Arts and Cultural Policy	6ср
27717	Venue and Facility Management	6ср
	, 0	Total 24cn

SMJ08075 Engineering Management

This sub-major is designed for students who have a technical background or a keen interest in technology and therefore a strong alignment with analytical approaches. The ability to understand both management and technology is increasingly valued by modern enterprises. As society continues to become more and more technology dependent it is clear that those who can effectively manage technology and leading technical professionals are well suited for leadership positions

Completion requirements

Select 24 credit points from the following options:			24cp
49001	Judgment and Decision Making	6ср	-
49002	Managing Projects	6ср	
49004	Systems Engineering for Managers	6ср	
49016	Technology and Innovation	-	
	Management	6ср	
49309	Quality Planning and Analysis	6ср	
49306	Quality and Operations Management	-	
	Systems	6ср	
	•	Tota	124cp

SMJ08081 Logistics Management

21027	Logistics Management	6ср
21447	Operations Management	6cp
21013	Project Management	6cp
21010	Management Information Systems	6cp
	,	Total 24cp

SMJ08084 Marketing

The Marketing sub-major develops knowledge and skills so that managers understand how implementation of marketing thinking and strategies affects company performance. It develops basic marketing competencies to design and evaluate marketing-oriented strategies.

Completion requirements

24710	Buyer Behaviour	6ср
24720	Marketing Research	6cp
24730	Marketing Strategy	6cp
24750	Marketing Analytics	6cp
	,	Total 24cp

SMJ08086 Project Management

15315	Project Management Principles		6ср
Select 18 d	credit points from the following options:		18cp
15314	Project Implementation	6ср	•
15338	Realising Project Benefits	6ср	
15330	Program Management	6ср	
15346	Governance and Leadership of Project	-	
	Management	6ср	
15313	Project Procurement and Risk Management	6ср	
	,	Total	24cp

SMJ08098 Accounting Information Systems

The Accounting Information Systems sub-major provides students with knowledge of and skills in accounting and business information management, ERP, business intelligence, business process management and project management. The sub-major emphasises the benefits of the integration of business processes and data integration and addresses issues in business planning, analysis and control.

SAP enterprise and business intelligence solutions are used extensively as demonstration and learning tools. This facilitates students' understanding of real-world problems in accounting and information management and provides students with functional software skills.

Completion requirements

22708	Accounting Information Systems		6ср
22776	Business Information Systems		6ср
Select 12 c	redit points from the following options:		12cp
22782	Business Process Integration with ERP	6ср	•
22783	Business Intelligence 2: Advanced Planning	6ср	
22797	Business Intelligence 1: Advanced Analysis	6ср	
22759	Accounting and ERP	6ср	
22766	Assurance for Enterprise Systems	6ср	
22787	Business Project Management	6ср	
	, 0	Total	24cp

SMJ08109 Management Consulting

This sub-major enables students to acquire a critical and theoretical knowledge of the perspectives and approaches to management consulting both nationally and internationally. Students have the opportunity to develop an understanding of a range of emerging fields of interest in management consulting including knowledge management, sustainable enterprise and innovation. Where a subject overlaps with one in another major or sub-major, students are required to substitute the overlapping subject with another Faculty of Business subject.

Anti-requisite: MAJ08046 Extended Management, MAJ08438 Management.

Completion requirements

21228	Management Consulting	6ср
21510	The Global Context of Management	6cp
21511	Global Operations and Supply Chain	•
	Management	6ср
Select 6 c	redit points from the following options:	6ср
21440	Management Skills	6ср
21227	Innovation and Entrepreneurship	6ср
21602	Strategy: Theory and Practice	6ср
		Total 24cp

SMJ08111 Marketing Research

This sub-major extends and develops research, analytical and interpretive skills that allow marketing analysts and managers carry out and evaluate practical and useful marketing research. It deals extensively with the research design and associated analytical tasks. Students undertaking this sub-major develop skills necessary for careers in analytical or research fields.

Completion requirements

24758	Readings in Marketing	6ср
24750	Marketing Analytics	6ср
24757	Research Methodology and Data Analysis Tools	6ср
24759	Research Design and Data Collection Tools	6ср
	Tota	al 24cp

SMJ08116 Financial Reporting

The Financial Reporting sub-major is designed for Bachelor of Business students who do not have an accounting major but wish to gain a detailed working knowledge of financial reporting including the preparation and analysis of statutory financial reports.

Anti-requisite: MAJ08437 Accounting, MAJ08068 Financial Services

Completion requirements

22522	Assurance Services and Audit	6ср
22319	Financial Statement Analysis (Capstone)	6ср
22320	Accounting for Business Combinations	6ср
22420	Accounting Standards and Regulations	6cp
		Total 24cp

SMJ08117 International Accounting

The International Accounting sub-major introduces students to a range of international issues, focusing on the comprehensive development of national accounting systems, international accounting standards and transnational reporting issues.

Completion requirements

22240	International Accounting	6ср
22309	Accounting for Overseas Transactions	6ср
Select 12	credit points from the following options:	12cp
79603	International Business Transactions	-
	and the Law	6ср
25421	International Financial Management	6ср
21591	Transnational Management	6ср
24220	International Marketing	6ср
	· ·	Total 24cp

SMJ08120 Small Business Accounting

The sub-major in Small Business Accounting provides students enrolled in any major within the Bachelor of Business with knowledge and skills required for a compliant and successful start-up and operation of small and medium-sized enterprises (SMEs). It covers a wide range of topics including business planning, financial and managerial reporting, accounting information systems, accountability and compliance and other legal, marketing and accounting issues for SMEs.

Completion requirements

22566	Small Business Management and Accounting	6ср
22567	Planning and Control for Small Business	-
	Enterprises	6ср
22515	Computer-based Accounting	6ср
22573	Accountability of Small Business Enterprises	6ср
	•	Total 24cp

SMJ08123 Finance

This sub-major introduces students to the foundation knowledge of finance theory and analytical techniques for financial decision-making in a dynamic operating environment. Students gain an understanding of the financial system, investment analysis and corporate finance, and the application of quantitative techniques in finance.

Anti-requisites: MAJ08060 Extended Finance, MAJ08440 Finance

Completion requirements

25556	The Financial System		6ср
25622	Quantitative Business Analysis		6ср
25503	Investment Analysis		6ср
Select 6 cre	edit points from the following options:		6ср
25557	Corporate Finance: Theory and Practice	6ср	•
25602	Ethics in Finance	6ср	
25620	Derivative Securities	6ср	
25574	Commercial Bank Management	6ср	
25575	Investment Banking	6ср	
25576	Wealth Management	6ср	
	_	Total 2	24cp

SMJ08126 Sport Management

The Sport Management sub-major introduces students to the increasingly dynamic and specialist context in which sport is played, organised and managed. The issues identified in this sub-major provide students with a wealth of knowledge concerning the globalisation of sport and the business prospects arising from the sporting genre.

Completion requirements

27307	Sport Management	6ср
27252	The Sport Industry	6ср
27161	Sport Marketing	6ср
27253	Sport in the Global Marketplace	6cp
	1	Total 24cp

SMJ08127 Tourism Management

The Tourism Management sub-major introduces students to tourism and examines the functioning of the tourism industry. Elective choices allow students to develop further understanding of the tourism experience as well as management, marketing and planning theories and practices within the context of specific tourism industry sectors.

Completion requirements

27184	Dimensions of Tourism	6	ср
27648	The Tourism Business	6	ср
Select 12	2 credit points from the following options:	12	cp.
27116	e-Marketing and Management of Services	6ср	-
27141	Sport Tourism	6ср	
27185	The Tourist Experience	6ср	
27324	Strategic Management in Leisure, Sport	1	
	and Tourism Organisations	6ср	
27327	Tourism and Sustainability	6ср	
27346	Tour Operator and Wholesaling	•	
	Management	6ср	
27347	Hotel Management	6ср	
27348	Critical Issues in Global Tourism	6ср	
27350	Professional Internship (Capstone)	6ср	
27523	Planning for Sustainable Destinations	6ср	
27642	Tourism Marketing	6ср	
27647	Airlines and Transportation Management	6ср	
27703	Event Management	6ср	
		Total 24	cn

SMJ08128 Human Resource Management

The Human Resource Management sub-major is designed for students who are majoring in another functional major or degree. This sub-major prepares students whose business management career requires a broad understanding of the challenges in people management (including human resource management and employee relations management) in the business environment.

Anti-requisite: MAJ08446 Human Resource Management.

Completion requirements

21555	Human Resource Management	6ср
Select 18 ca	redit points from the following options:	18cp
21036	Managing Strategic Performance	6ср
21037	Managing Employee Relations	6ср
21407	Strategic Human Resource Management	6ср
21510	The Global Context of Management	6ср
	_	Total 24cp

SMJ08129 International Management

The International Management sub-major develops students' critical and analytical skills in relation to international and intercultural environments. Students develop a range of skills, insights and sensitivity that enables them to operate effectively in business and professional practice across international and intercultural boundaries. Where a subject overlaps with one in another major or sub-major, students are required to substitute the overlapping subject with another Faculty of Business subject.

Anti-requisite: MAJ08442 International Business

Completion requirements

Select 24	credit points from the following options:	24cp
21511	Global Operations and Supply Chain	•
	Management	6ср
24220	International Marketing	6ср
21595	International Management Field Study	6ср
21510	The Global Context of Management	6ср
21591	Transnational Management	6ср
22240	International Accounting	6ср
	<u> </u>	Total 24cp

SMJ08130 Management

The Management sub-major is available to students who are not undertaking the Management major. It focuses on introducing students to the range of foundation skills and knowledge necessary for effective management practice. Students also gain an understanding of organisational design and change, and the management of the value chain. Where a subject overlaps with one in another major or sub-major, students are required to substitute the overlapping subject with another Faculty of Business subject.

Anti-requisite: MAJ08046 Extended Management, MAJ08438 Management, MAJ08446 Human Resource Management.

Completion requirements

,	•	
21510	The Global Context of Management	6ср
Select 18 d	credit points from the following options:	18cp
21513	Business Ethics and Sustainability	6ср
21440	Management Skills	6ср
21595	International Management Field Study	6ср
21511	Global Operations and Supply Chain	•
	Management	6ср
21512	Understanding Organisations:	•
	Theory and Practice	6ср
	•	Total 24cp

SMJ08131 Advanced Advertising

The Advanced Advertising sub-major provides specialised study in advertising management, developing hands-on experience in applying the principles and best practices that underlie contemporary advertising. This sub-major is offered at the City campus and is only available to Bachelor of Business students undertaking the MAJ08441 Marketing major.

Anti-requisite: MAJ08063 Extended Marketing, MAJ08116 Marketing Communication.

Completion requirements

Advertising Research	6ср
Advertising Strategies	6cp
Advertising Practice	6ср
Media Planning	6ср
G	Total 24cp
	Advertising Strategies Advertising Practice

SMJ08132 Marketing Research

This sub-major develops and extends research, analytical and interpretive skills that allow marketing analysts and managers to carry out and evaluate practical and useful marketing research. It deals extensively with research design and associated analytical tasks. Students undertaking this sub-major develop skills necessary for careers in analytical or research fields.

It is only available to Bachelor of Business students undertaking the MAJ08441 Marketing major or MAJ08116 Marketing Communication major or SMJ08138 Marketing sub-major.

Anti-requisite: MAJ08063 Extended Marketing.

Completion requirements

24510	Advertising Research	6ср
24331	Marketing Analytics and Decisions	6ср
24902	Research Methodology and Data Analysis	-
	Techniques	6ср
24908	Research Design and Data Collection Techniques	6ср
	Total	24cp

SMJ08137 Advertising

The Advertising sub-major provides students with an introduction to the area of advertising and promotions management, focusing on customer behaviour and management of marketing communications activities. This sub-major is offered at City campus and partially at Kuring-gai campus.

Anti-requisite: MAJ08063 Extended Marketing, MAJ08116 Marketing Communication, MAJ08441 Marketing.

Completion requirements

24202	Consumer Behaviour	6ср
24210	Integrated Marketing Communications	6ср
24309	Marketing Research	6cp
24510	Advertising Research	6cp
	O .	Total 24cp

SMJ08138 Marketing

The Marketing sub-major develops knowledge and skills so that managers understand how implementation of marketing thinking and strategies affects company performance. It develops basic marketing competencies to design and evaluate marketing-oriented strategies.

 $Anti-requisite: MAJ08063\ Extended\ Marketing, MAJ08116\ Marketing\ Communication,\ MAJ08441\ Marketing.$

Completion requirements

24202	Consumer Behaviour	6ср
24415	Marketing Planning and Strategy	6cp
24309	Marketing Research	6ср
Select 6 cr	edit points from the following options:	6ср
24331	Marketing Analytics and Decisions	6ср
24222	Marketing Channels	6ср
24223	New Product Marketing	6ср
24224	Pricing Strategies and Tactics	6ср
24210	Integrated Marketing Communications	6ср
24205	Business-to-Business Marketing	6ср
24220	International Marketing	6ср
24306	Services Marketing	6cp
	Č .	Total 24cp

SMJ08139 International Business Studies

This sub-major provides an opportunity for students to study business subjects abroad. In doing so, they develop an international awareness and acquire analytical skills that enhance their professional knowledge within a global context.

Students are required to complete this sub-major on exchange at an approved overseas institution. Students must undertake the equivalent of 24 credit points of UTS: Business subjects at the overseas institution, and must also seek approval from the Faculty of Business prior to undertaking the sub-major.

Completion requirements

CBK90166 Electives (International Business Studies sub-major) 24cp
Total 24cp

SMJ08141 Human Resource Development

This sub-major fosters both formal and informal learning opportunities in the workplace, and provides a basic understanding of human resource development issues and practices. This sub-major is offered at City campus on demand, and is graded on a Pass/Fail basis only.

Completion requirements

013097 013954 Select 12 o	Human Resource Development in Organis Program Design credit points from the following options:	ations	6ср 6ср 12ср
010074	Professional Practice 1 Human Resource		1
	Development	6ср	
013972	Organisational Learning	6ср	
013979	Organisational Learning and Change:	1	
	Local and Global	6ср	
013976	Strategic Human Resource Development	6ср	
013955	Assessing Learning	6ср	
		Tota	1 24cp

SMJ08147 Finance

The Finance sub-major provides participants with the opportunity to acquire knowledge of finance theory and techniques in the areas of investment and financing decisions and interactions with capital markets. It provides an introduction to the range of skills and expertise expected of employees in the finance function of a firm. Learning strategies that cover both contemporary theory and leading-edge techniques in the practice of financial decision-making are the used in the presentation of the sub major.

Completion requirements

25705	Financial Modelling and Forecasting	6ср
25721	Investment Management	6cp
25741	Capital Markets	6ср
25765	Corporate Finance	6cp
	1	Total 24cp

SMJ08148 International Business

The International Business sub-major addresses the impacts of globalisation on the world of business. It covers the competencies, skills and knowledge that are applicable to several functional areas of the internationalising firm that is attempting to both anticipate and respond to these impacts.

Completion requirements

21012	Governance and Sustainability	6ср
21717	International Management	6ср
21811	Global Strategic Management	6ср
21833	International Human Resources Management	6ср
	Tot	tal 24cp

SMJ08153 Public Relations

This sub-major provides students with a specialisation in communication management within the MBA. It develops an understanding of communication theory and practice and skills in applying these to the business environment. Students explore the contexts for professional communication and develop strategies and products to communicate effectively with their customers, clients, partners and publics. These strategic communication skills equip them for work in a range of organisations and sectors within the business community. Graduates with this sub-major have the opportunity to work as public relations professionals or to incorporate their understanding and skills into their business practices.

Completion requirements

57023	Communicating with Publics	8ср
57024	Managing Public Communication Strategies	8cp
57026	Strategic Communication and Negotiation	8cp
		Total 24cp

SMJ08155 Sport Management

The Sport Management sub-major provides students with the opportunity to acquire knowledge of the sport industry, how it is structured and managed at different levels, from grassroots, community-focused sport, through to elite-level, commercially oriented sport. The sub-major enables students to acquire skills applicable for the professional management of sport, and for conceiving policies and strategies underpinning this multi-faceted role.

The sub-major provides a comprehensive range of skills and expertise expected of management professionals in the sport industry and cognate areas, such as events management and tourism management. Students acquire knowledge in the areas of sport management and the experience economy through learning strategies that cover contemporary case study analysis, theory and practical applications. By the end of the sub-major they are able to analyse contemporary challenges and issues of the sport sector; provide solutions to problems through developing strategic plans based on sport and event studies; apply management theories, concepts and decision-making skills in the context of the sport industry; and propose solutions to the management of problematic issues in sport, such as performance-enhancing drugs, off-field player behaviour, and career transition for elite athletes.

Completion requirements

	•		
27715	Sport Business		6ср
27732	Sport Organisations		6ср
27721	Sport Globalisation		6ср
Select 6 cr	edit points from the following options:		6ср
27717	Venue and Facility Management	6ср	_
27729	Legal Issues for the Experience and		
	Not-for-Profit Industries	6ср	
27733	The Experience Economy	6ср	
27734	Marketing for the Experience Industries	6ср	
27778	Innovative Services Management	6ср	
		Total	24cp

SMJ08156 Tourism Management

The Tourism Management sub-major provides students with the opportunity to acquire knowledge of tourism as an activity and its management by the tourism industry, government and other stakeholders. It provides students with an understanding of the various elements of tourism: the tourist, the tourism industry and the various environments in which tourism operates. It focuses on the structure, functions and sustainable management of tourism as part of the 'experience economy'. The sub-major enables students to develop critical, interpretive and problem-solving skills expected of professionals in the management of tourism.

Students acquire knowledge in tourism management through learning strategies that cover theory, contemporary Australian and international case study analysis, and applications. They learn to analyse contemporary challenges and issues of this sector; apply management theories and empirical studies to various travel and tourism industry settings and management structures; formulate management strategies and perform management functions appropriate to the travel and tourism industry.

Completion requirements

27700	Sustainable Tourism Management	6ср
27735	Tourism and the Industry	6ср
27706	Managing Tourism Services	6ср
27767	Tourist Behaviour	6ср
		Total 24cp

SMJ08157 Business Accounting

This sub-major is only available to students in the Bachelor of Science in Information Technology (C10148), Bachelor of Arts in Architecture (C10004), Bachelor of Property Economics (C10007), Bachelor of Design in Industrial Design (C10053), Bachelor of Design in Fashion and Textiles (C10055), Bachelor of Design in Interior Design (C10057), Bachelor of Design in Visual Communication (C10059), and Bachelor of Construction (C10214).

22107	Accounting for Business Decisions A	6ср
22207	Accounting for Business Decisions B	6ср
Select 12 c	redit points from the following options:	12cp
22321	Cost Management Systems	6ср
22240	International Accounting	6ср
22320	Accounting for Business Combinations	6ср
22420	Accounting Standards and Regulations	6ср
22610	Accounting for Insolvency	6ср
	-	Total 24cp

SMJ08159 Employment Relations

This sub-major is only available to students in the Bachelor of Science in Information Technology (C10148).

Completion requirements

21510	The Global Context of Management	6ср
21129	Managing People and Organisations	6ср
21591	Transnational Management	6ср
Select 6	credit points from the following options:	6ср
21630	Global Strategic Management	6ср
21511	Global Operations and Supply Chain	-
	Management	6ср
		Total 24cp

SMJ08160 International Management

This sub-major is only available to students in the Bachelor of Science in Information Technology (C10148).

Completion requirements

21511	Global Operations and Supply Chain	
	Management	6ср
21129	Managing People and Organisations	6ср
21591	Transnational Management	6ср
21221	Organisational Structure and Change	6cp
		Total 24cp

SMJ08163 Internet Business Technology

31242	Advanced Internet Programming	6ср
Select 12	credit points from the following options:	12cp
31338	Network Servers	6ср
31777	Human-Computer Interaction	6ср
31100	Enterprise Development with .NET	6ср
31030	Project	6ср
31285	Mobile Applications Development	6ср
31748	Programming on the Internet	6ср
31259	Intelligent Agents	6ср
		Total 24cp

SMJ08181 Introductory Finance

This sub-major is only available to students in the Bachelor of Science in Mathematics (C10154).

Completion requirements

25300	Fundamentals of Business Finance	6ср
25556	The Financial System	6cp
22107	Accounting for Business Decisions A	6cp
25503	Investment Analysis	6cp
	,	Total 24cp

SMJ08185 Finance and Economics

Free choice of electives.

SMJ08188 Accounting for Small Business

This sub-major is only available to students in the Bachelor of Science in Information Technology (C10148).

Completion requirements

22107	Accounting for Business Decisions A		6ср
22566	Small Business Management and Accountin	g	6ср
Select 12 credit points from the following options:			12cp
22567	Planning and Control for Small Business		-
	Enterprises	6ср	
22515	Computer-based Accounting	6ср	
22309	Accounting for Overseas Transactions	6ср	
22240	International Accounting	6ср	
22610	Accounting for Insolvency	6ср	
		Total	24cp

SMJ08192 Finance

Free choice of electives.

SMJ08193 International Business

Global Strategic Management	6ср
Global Business Competitive Intelligence	6ср
International Marketing Management	6ср
International Accounting	6ср
C .	Total 24cp
	Global Business Competitive Intelligence International Marketing Management

SMJ08194 Clinical Management

92917	Using Health Care Data for Decision Making	6ср
92887	Organisational Management in Health Care	6ср
92932	Management for Clinicians	6ср
92606	Issues in Australian Health Services	6cp
		Total 24cp

SMJ08195 Management Reporting

The Management Reporting sub-major is designed for Bachelor of Business students who do not have an accounting major but wish to gain a detailed working knowledge of management accounting reporting including costing, controlling and management decision-making.

Anti-requisite: MAJ08437 Accounting

Completion requirements

22321	Cost Management Systems	6ср
22421	Management Decisions and Control	6ср
22515	Computer-based Accounting	6cp
22566	Small Business Management and Accounting	6cp
		Total 24cp

SMJ08196 Innovation

51-15-00-1	70 mmovación	
21227	Innovation and Entrepreneurship	6ср
22107	Accounting for Business Decisions A	6cp
25300	Fundamentals of Business Finance	6ср
Select 6 c	redit points from the following options:	6ср
21129	Managing People and Organisations	6ср
24108	Marketing Foundations	6ср
48080	Introduction to Innovation	6ср
		Total 24cp

SMJ08197 Marketing Principles

This sub-major is only available to students in the Bachelor of Science in Information Technology (C10148), Bachelor of Arts in Architecture (C10004), Bachelor of Property Economics (C10007), Bachelor of Design in Industrial Design (C10053), Bachelor of Design in Fashion and Textiles (C10055), Bachelor of Design in Interior Design (C10057), Bachelor of Design in Visual Communication (C10059), and Bachelor of Construction (C10214).

Completion requirements

24108	Marketing Foundations	6ср
24202	Consumer Behaviour	6cp
Select 12	credit points from the following options:	12cp
24220	International Marketing	6ср
24205	Business-to-Business Marketing	6cp
24306	Services Marketing	6ср
	9	Total 24cp

SMJ08198 Advertising Principles

This sub-major is only available to students in the Bachelor of Science in Information Technology (C10148), Bachelor of Arts in Architecture (C10004), Bachelor of Property Economics (C10007), Bachelor of Design in Industrial Design (C10053), Bachelor of Design in Fashion and Textiles (C10055), Bachelor of Design in Interior Design (C10057), Bachelor of Design in Visual Communication (C10059), and Bachelor of Construction (C10214).

Completion requirements

24108	Marketing Foundations	6ср
24202	Consumer Behaviour	6ср
24210	Integrated Marketing Communications	6ср
59330	Advertising Practice	6ср
	· ·	Total 24ch

SMJ08203 Event Management

This sub-major introduces students to the increasingly dynamic and specialist contexts in which events are organised and managed. The strong industry links provide an ideal platform for knowledge and professional development.

27703	Erront Managament	6 010
2//03	Event Management	6ср
27345	Creating Event Experiences	6ср
27194	Event Sponsorship and Revenue	6ср
27192	Event Impacts and Legacies	6cp
	1 0	Total 24cp

SMJ08204 Strategic Marketing

This sub-major develops competencies that allow decision-makers, such as marketing managers and business unit managers as well as general managers and chief executives, to develop, implement and evaluate marketing-oriented strategies that allow companies to compete successfully in environments in which they make decisions about business models that are affected by business-to-business, international and services contexts. It develops senior management competencies that enable organisations to implement strategic marketing decisions in a cross-functional and integrated manner.

It is only available to Bachelor of Business students undertaking the MAJ08441 Marketing major or MAJ08116 Marketing Communication major or SMJ08138 Marketing sub-major.

Anti-requisite: MAJ08063 Extended Marketing.

Completion requirements

Select 24	credit points from the following options:	24cp
24205	Business-to-Business Marketing	6ср
24331	Marketing Analytics and Decisions	6cp
24220	International Marketing	6ср
24306	Services Marketing	6cp
24224	Pricing Strategies and Tactics	6cp
	0 0	Total 24cp

SMJ08205 Strategic Marketing

This sub-major develops competencies that allow decision makers (such as marketing managers and business unit managers as well as general managers and chief executives) to develop, implement and evaluate marketing-oriented strategies that allow companies to compete successfully in environments in which they make decisions about business models that are affected by business-to-business, international and services contexts.

Completion requirements

24706	Strategic Services Marketing	6ср
24707	Strategic Business Marketing	6ср
24738	Strategic International Marketing	6ср
24750	Marketing Analytics	6cp
	o ,	Total 24cp

SMJ08206 Research Methods

16262	Honours Research 1	6ср
16259	Honours Research 2	6cp
16260	Honours Research 3	6cp
		Total 24cp

SMJ08208 Management

This sub-major provides participants with the opportunity to develop integrated knowledge and skills for effective change management in a global, decentralised competitive business environment.

Completion requirements

21717	International Management	6ср
21811	Global Strategic Management	6ср
21827	Change Management	6cp
21854	Innovation and Entrepreneurship	6cp
	• •	Total 24cp

SMJ08209 Community Management

This sub-major provides participants with the opportunity to acquire the knowledge and skills necessary to successfully manage non-profit organisations. It covers the special characteristics of the non-profit sector and the special challenges of managing non-profit organisations. It pays special attention to the variety of ways non-profit organisations develop their financial resources, and to the special body of laws that govern the non-profit sector.

Completion requirements

21817	Volunteer Management	6ср
21767	Not-for-Profit Sector Theory and Context	6cp
21879	Corporate Social Responsibility and Social	-
	Impact	6ср
21778	Resource Mobilisation	6ср
		Total 24cp

SMJ08210 Value Creation in Services

This sub-major prepares students to thrive in a services economy and to advance their individual and collaborative potentials within the framework of a new service science

curriculum that examines the configurations of people, technology and business in the context of a service economy. It is aimed at meeting the diverse requirements of the next generation workforce and key capability requirements for value creation, innovation and collaboration in services as endorsed by the Australian government policy paper, *Powering Ideas: An Innovation Agenda for the 21st Century*.

Completion requirements

24706	Strategic Services Marketing	6ср
21745	Service Operations Management	6cp
27778	Innovative Services Management	6ср
27733	The Experience Economy	6ср
	•	Total 24cp

SMJ08211 Public Relations

58117	Principles of Public Relations	8ср
58128	Strategic Public Relations	8cp
58116	The Ecology of Public Communication	8cp
		Total 24cp

SMJ08212 Advertising

58118	Principles of Advertising	8ср
58129	Advertising Campaign Practice	8cp
58116	The Ecology of Public Communication	8cp
		Total 24cp

SMJ08213 Event Management

This sub-major provides students with knowledge and skills germane to managerial positions within the event management field in Australia and internationally. The areas in which this knowledge and these skills may be developed concern: marketing, risk, project and venue management, event creation, economics, and law. Learning strategies employed in this sub-major focus on linking theory to practice via case study analysis, fieldwork and applied assessments. These learning strategies are intended to enable students to: analyse contemporary challenges and issues pertaining to the public and corporate event field; apply management theories, concepts and decision-making skills in the context of specific event management related issues or problems; and project manage events of varying scale.

Completion requirements

27726	Event Concepts and Contexts	6ср
27727	Event Creation Workshop	6ср
27765	Event Management	6ср
Select 6	credit points from the following options:	6ср
27717	Venue and Facility Management	6ср
27729	Legal Issues for the Experience and	_
	Not-for-Profit Industries	6ср
27733	The Experience Economy	6ср
27734	Marketing for the Experience Industries	6ср
27737	Event Risk Management	6ср
	_	Total 24cp

SMJ08214 Financial Planning

The Financial Planning sub-major equips graduates with both theoretical and practical competencies required to participate in the changing financial planning industry. Graduates gain an understanding of the principal elements of the personal financial planning process, the financial system and the legal issues associated in preparing a financial plan. They acquire the technical and analytical skills to undertake general personal financial planning advice. This sub-major is only available to Bachelor of Business students undertaking a major in accounting or finance.

As part of the Financial Planning sub-major, students undertaking a major in accounting should select 25556 The Financial System; students undertaking a major in finance should select 79017 Taxation Law.

	•	
79026	Estate Planning (UG)	6ср
79027	Retirement Planning (UG)	6ср
22502	Financial Planning in Australia	6ср
Select 6 o	credit points from the following options:	6ср
25556	The Financial System	6ср
79017	Taxation Law	6ср
		Total 24cp

SMJ08215 Financial Services

The operation of the financial services sector is critical to the operation of the economy. Consequently, an understanding of how financial information is generated and used, together with how the financial markets operate is important. The subjects in the sub-major provide students with essential professional skills in how financial reports are prepared, how financial information may be used, and how the financial system operates.

The Accounting stream is only available to Finance major or Extended Finance major students; the Finance stream is only available to Accounting major students.

This major is not offered to students enrolled in: SMJ08116 Financial Reporting, SMJ08123 Finance, or MAJ08068 Financial Services.

Completion requirements

Select 24 credit points from the following options:	24cp
STM90704 Accounting stream	24cp
STM90705 Finance stream	24cp
	Total 24cp

SMJ08216 Business

Select 24 credit points from the following options:		
22747	Accounting for Managerial	_
	Decisions	6ср
25742	Financial Management	6ср
21827	Change Management	6ср
21797	Strategic Supply Chain Management	6ср
21877	Strategic Procurement	6ср
		Total 24cp

SMJ09021 Dispute Resolution

Select 24	credit points from the following options:		24cp
77745	Negotiation	6ср	-
77746	Advanced Mediation	6ср	
77761	Dispute Resolution in Commerce	6ср	
79771	Dispute Resolution	6ср	
77752	Commercial Arbitration (Domestic)	6ср	
77850	Psychology and Dispute Resolution	6ср	
77867	Workplace Dispute Resolution	6ср	
78029	Mediation Practice	6ср	
		Tota	1 24cn

SMJ09028 Economics

Businesses operate within the economy and many of the prospects and problems faced by a business are influenced or determined by the economy. Consequently, many business leaders emphasise the need for business managers to understand the economy and its impact on business. The subjects in this sub-major provide students with the professional skills, knowledge and understanding of the economic environment within which business operates.

Anti-requisite: MAJ09402 Extended Economics, MAJ09209 Economics

Completion requirements

23566	Economics for Business 2	6ср
Select 18	credit points from the following options:	18cp
23567	Intermediate Microeconomics	6ср
23568	Intermediate Macroeconomics	6ср
23570	Economics of the Environment	6ср
23571	Introductory Econometrics	6ср
23022	Public Economics	6ср
23592	Game Theory	6ср
	•	Total 24cp

SMJ09030 Business Law

This sub-major introduces students to legal issues that impact on the business sector. Building on 70110 Introduction to Law, it gives students the opportunity to develop a better understanding of intricate legal issues, facilitating the planning of current and future commercial strategies.

Completion requirements

70110	Introduction to Law		6ср
Select 18 c	redit points from the following options:		18cp
79006	Intellectual Property Commercialisation	6ср	-
79011	Marketing Law	6ср	
79013	Industrial and Labour Law	6ср	
79014	Applied Company Law	6cp	

79015	Banking Law	6ср
79017	Taxation Law	6ср
79018	Advanced Commercial Law	6ср
79019	Corporate Environmental Responsibility	6ср
CBK90167	Taxation Law sub-major choice	6ср
79603	International Business Transactions	•
	and the Law	6ср
79032	Competition and Consumer Law	6ср
79033	Insolvency Administration	6ср
	•	Total 24cp

SMJ09032 Foundations in Law

This sub-major is for students enrolled in the Bachelor of Business who are considering transferring between the different degree programs or intending to undertake law studies as a second degree. It provides students with the key legal knowledge of a lawyer and has recognition as substantive law subjects in any law degree. This sub-major is offered at City campus on demand.

Completion requirements

70211	Contracts	8ср
70311	Torts	8cp
70317	Real Property	8cp
		Total 24cp

SMJ09033 Taxation Law

This sub-major offers an integrated sequence of subjects enabling students to specialise in this important area of law, applicable to the business and public sectors of Australia and its international relationships. Taxation is the ultimate interface of law, accounting and business enterprises, and always requires specialist knowledge.

Completion requirements

70110	Introduction to Law	6ср
79017	Taxation Law	6ср
Select 12	credit points from the following options:	12cp
79018	Advanced Commercial Law	6ср
79026	Estate Planning (UG)	6ср
79027	Retirement Planning (UG)	6ср
79021	International Aspects of Australian	
	Taxation Law	6ср
79022	GST and other Indirect Taxes	6ср
79606	Advanced Taxation Law	6ср
		Total 24cp

SMJ09034 International Studies

This sub-major uses a focus on society, politics, economics and culture as an introduction to three countries or parts of the world that play a crucial role in Australia's business environment. The subjects in this sub-major are only offered in Spring semester.

Note that Contemporary France, Contemporary Germany, Contemporary Italy, Contemporary Spain and Contemporary Switzerland are all offered at the same time and day in Spring semester; students are thus only able to enrol in one of these subjects in a given semester.

Completion requirements

Select 24 c	redit points from the following options:		24cp
976111	Contemporary China	8cp	_
976211	Contemporary Japan	8cp	
976502	Contemporary Latin(o) Americas	8cp	
976411	Contemporary France	8cp	
976421	Contemporary Germany	8cp	
976431	Contemporary Italy	8cp	
976451	Contemporary Spain	8cp	
976404	Contemporary Switzerland	8cp	
	-	Tota	l 24cp

SMJ09035 Language other than English

The LOTE sub-major enables students to develop communicative competence in a language other than English. Three consecutive 8 credit point subjects are taken from one of the following language programs: Chinese, French, German, Italian, Japanese or Spanish. Students require three semesters to complete this sub-major and are advised to start in Autumn of their second year, as not all levels of language and culture are offered every semester.

Completion requirements

Select 24 credit points from the following options:		24cp
CBK90494 Chinese Language and Culture	24cp	-
CBK90495 Japanese Language and Culture	24cp	
CBK90497 French Language and Culture	24cp	
CBK90498 Spanish Language and Culture	24cp	
CBK90499 German Language and Culture	24cp	
CBK90500 Italian Language and Culture	24cp	
	Tota	l 24cp

SMJ09036 Specialist Country Studies

This sub-major offers the opportunity to obtain an introduction to the language and culture of one of Australia's major international economic partners and to learn about the country itself. It is possible to complete this sub-major in a minimum of two semesters. Students should plan to start their language and culture study in Autumn semester, to be followed by the second language and culture subject and the contemporary society subject in Spring semester.

Completion requirements

Select 24 credit points from the following options: STM90016 China: Specialist Country Studies stream STM90017 France: Specialist Country Studies stream	24cp 24cp	24cp
STM90018 Germany: Specialist Country Studies	0.4	
stream	24cp	
STM90020 Italy: Specialist Country Studies stream	24cp	
STM90021 Japan: Specialist Country Studies stream	24cp	
STM90022 Latin America: Specialist Country Studies	-	
stream	24cp	
STM90023 Spain: Specialist Country Studies stream	24cp	
STM90506 Latino USA: Specialist Country Studies	-	
stream	24cp	
STM90507 Quebec: Specialist Country Studies stream	24cp	
STM90508 Switzerland (French): Specialist Country	-	
Studies stream	24cp	
STM90509 Switzerland (German): Specialist Country	1	
Studies stream	24cp	
	Tota	1 24cp

SMJ09037 Business Law

The business person of today cannot operate successfully without an understanding of the legal and regulatory environment within which they operate. This sub-major provides wide ranging options which provide an attractive choice to students to select from to meet their interests and professional needs in the global context. This sub-major develops skills to enable students to strategically assess, critically interpret and judiciously apply information for decision-making in the contemporary dynamic business environment. The sub-major provides students with an understanding of the impact of regulation and the law to progress a career in the global business environment. Students develop an awareness and understanding of social, legal and ethical responsibilities in business for a sustainable future.

Completion requirements

Select 24 credit points from the following options:			
77716	International Trade Law	6ср	1
77715	Banking Law	6ср	
79771	Dispute Resolution	6ср	
79708	Contemporary Business Law	6ср	
77724	International Banking and Finance Law	6ср	
77745	Negotiation	6ср	
77885	Legal Process and Legal Research	6ср	
77901	Securities Markets Law	6ср	
77947	Companies and Securities Law	6ср	
77938	Introduction to Taxation Law	6ср	
77942	Legal Aspects of Contracts Administration	6ср	
		Tota	l 24cp

SMJ09040 Introductory Economics

This sub-major is only available to students in the Bachelor of Science in Information Technology (C10148).

Completion requirements

23115	Economics for Business	6ср
23304	Asian-Australian Economics Relations	6cp
23564	Labour and Industry in the Global Context	6cp
23566	Economics for Business 2	6cp
		Total 24cp

SMJ09042 Communications and Information

Free choice of electives.

SMJ09043 Information

Free choice of electives.

SMJ09045 Information Technology Law

79203	Business Law and Ethics	6ср
Select 18	credit points from the following options:	18cp
79006	Intellectual Property Commercialisation	6ср
79018	Advanced Commercial Law	6ср
		Total 24cp

SMJ09046 International Trade Law

Select 24 ca	redit points from the following options:			24cp
77716	International Trade Law		6ср	-
77724	International Banking and Finance Law		6ср	
Select one	of the following:		6ср	
77751	International Commercial		•	
	Arbitration	6ср		
77783	International Commercial	_		
	Dispute Resolution	6ср		
77935	International Business Law	_	6ср	
77976	World Trade Organisation Law and			
	Practice		6ср	
77885	Legal Process and Legal Research		6ср	
	_		Tota	l 24cp

SMJ09048 Transnational Studies

This sub-major focuses on the global arena. How can we understand contemporary global politics? How did our current world system come to be this way? How are ideas and news about the world circulated and consumed? The three subjects in this sub-major combine politics and international relations, cultural history, media studies and other disciplines to investigate how people, nations, governments, empires, and the media have created and recreated the global world we live in.

The first subject introduces students to the global politics of power, through a variety of lenses, from 'above' and from 'below'. Students then analyse the networks of colonial expansion and the resistance to it, with particular attention to gendered, intimate and everyday relationships. These are related directly to the 'post-colonial' world, where power is no longer centred on imperial heartlands. In the third subject students explore the phenomenon of transnational media as it builds on new technologies and adapts the old, both as media empire and as citizen media, or social media.

Further information on this sub-major can be found at: www.communication.uts.edu.au/courses/submajors.html

Completion requirements

58222	Global Politics from Above and Below	8ср
58316	Sex, Race and Empire	8cp
58317	Transnational Media	8cp
		Total 24cp

SMJ09049 Reading Australia

This sub-major is an exploration through time and place, literature and writing, film and images of what 'Australia' is. It requires students to rethink what they call 'an Australian', and reconsider where the boundaries of Australia arise and produce the possibilities for new Australias to exist. In all the subjects students are asked to 'read' Australia in new ways: read it as a particular result of contingently recorded histories and arbitrarily mythologised places. Students are also asked to question Australia as a place that has produced workable myths like the 'outback' and 'the beach' and think about why Crocodile Dundee and Mad Max never could live in Glebe and why 'multicultural Australia' doesn't quite capture the global and inter-nation flows that have helped produce Australia. In addition, students are asked to consider the critical and creative ways in which something as persuasive and pervasive as Australia makes and remakes itself through the circulations of particular knowledges.

The subjects involve the study of the many modes of knowledge production (electronic, filmic, textual) but also the many interdisciplinary forms that encourages looking at pasts and places and categories like literature and film in new and exciting ways. Students produce work in a variety of forms including essays, archives, fiction and images.

Students enrolling in this sub-major need to have a willingness to have their answers questioned; in doing so they should discover that at least one Australia they learn about is a place they have never been.

Further information on this sub-major can be found at: www.communication.uts.edu.au/courses/submajors.html

Completion requirements

58224	Australian Pasts and Places	8cp
58320	Australian Fiction	8cp
58321	Australian Film	8cp
		Total 24cp

SMJ09050 Environmental Studies

It seems humankind want to live sustainably. In opinion surveys, environmental concerns top the list of most important issues. Environmental perspectives have risen up the agenda across key fields of policy research and social change, new media and reportage, creative writing and the 'new humanities', requiring practitioners in these fields to develop critical knowledge of the sciences and technologies at stake. Whether considering leaders of nations and corporations, environmentalist and oppositional movements, or Indigenous and other marginalised peoples, all have real issues at stake and demand voices in the debates.

The sub-major provides the scope to explore these fields in some depth. It begins with an introduction to the politics and science of climate change. Students then investigate interactions between the life sciences and the social sciences; what drives ecological degradation and what is claimed to take us beyond it into a future of 'post-nature' driven by biotechnologies and global ecological risk management. In the final subject students investigate environmental values, exploring different cultural expressions, changing meanings of nature, and their relationship to it. Ranging across the political, the economic, the cultural and the technological, the sub-major offers a solid grounding in this vital arena

Further information on this sub-major can be found at: www.communication.uts.edu.au/courses/submajors.html

Completion requirements

58228	Climate Change: Politics and Ecology	8cp
58328	The New Economy of Post-Nature	8cp
58329	Culture, Science and Nature	8cp
		Total 24cp

SMJ09051 Bodies, Genders, Rights

This sub-major draws on social, political and cultural theory to interrogate key features of the world: from the life worlds of individual bodies and embodied experience to the ways in which these worlds are in turn shaped by political and social power structures that effect relations between peoples and between those peoples and states at the international and global level. The sub-major offers foundational intellectual tools to help students reflect widely and deeply about the nature of power, relations between peoples, and between states and peoples across time and space.

The sub-major begins with a sustained examination of the 'matter' of the body, its literal fleshiness and its troubling tendency to be naturalised, despite being a key site of social, cultural, historical and political contestation. Students think through what the body is and how it is that some bodies come to matter more than others. Thus, an engagement with the seemingly 'micro' matter of the body lays the groundwork for the following two subjects which focus in turn explicitly on the 'macro' issues of gender and human rights.

The second subject provides the opportunity to undertake a rigorous analysis of the notions of sex, gender and sexuality in a range of cultural and social contexts. The processes and mechanisms that construct and institutionalise gender are considered in a variety of contexts. How hierarchies of gender and sexuality are implicated in all aspects of social life is explored. In particular students interrogate the ways in which current issues troubling relations between peoples and states such as globalisation, questions of ethnic and cultural difference, citizenship and environmental stress can be understood as 'gendered'. Students also question practices of social exclusion and inclusion (an underpinning theme of the sub-major as a whole) based on gender and the ways in which gender in turn structures relations not only between peoples but between nations and states.

The final subject builds on the themes developed in the previous subjects to examine the way in which rights, and particularly human rights, are central to the ways in which relations between individuals,

groups of peoples, nations and states are configured in the 21st century. From this standpoint, key issues and debates concerning the history and contemporary politics of human rights in the context of state formation (sovereign territorialisation) and globalisation and de-territorialisation are examined.

Further information on this sub-major can be found at: www.communication.uts.edu.au/courses/submajors.html

Completion requirements

58223	Social Bodies	8cp
58318	Gender, Culture, Power	8cp
58319	Rights and Territories	8cp
		Total 24cp

SMJ09052 Aboriginal Studies

The three subjects in this sub-major explore Australian Aboriginal culture and society, politics and history, and the legal dimensions of Indigenous rights. Drawing upon a range of disciplinary approaches (anthropology, politics, sociology and history) students explore how these traditions have produced particular knowledge about Aboriginal people and how Aboriginal ways of knowing and being, including relationships to land and water, kinship networks and society, have been interpreted as well as contested these intellectual traditions.

In the first subject, students consider Aboriginal cultural and social practices and reflect upon the mechanisms that exist to maintain and reproduce culture in a modern post-colonial nation state. In the second subject, students are introduced to the kinds of demands Aboriginal people have made of the colonial state and how the state has sought to manage and rule Aboriginal people's lives. In the third subject, students examine the legal bases for the protection of Indigenous rights, including land rights and native title.

The three subjects seek to be intellectually challenging, provide students with a depth of insight and knowledge to deal meaningfully with Aboriginal people, engage in advocacy and debates on Aboriginal issues and understand the wider international contexts in which these issues circulate. Students who complete this sub-major are equipped to make a significant contribution to the Aboriginal public policy domain and community.

Further information on this sub-major can be found at: www.communication.uts.edu.au/courses/submajors.html

Completion requirements

58227	Balancing World Views: Introduction to Abo	riginal
	Cultures	8cp
58326	Australian Aboriginal Politics and History	8cp
58327	Indigenous Futures	8cp
		Total 24cp

SMJ09053 Social Inquiry

58122	Introduction to Social Inquiry	8cp
58123	Society, Economy and Globalisation	8cp
58124	Local Transformations	8cp
		Total 24cp

SMJ09054 Information and Media

58125	Creative Information Design	8cp
58126	Information Discovery and Analysis	8cp
58127	Information Cultures	8cp
		Total 24cp

SMJ09055 Marine Biology

This major is only available to students enrolled in the Bachelor of Science in Environmental Forensics (C10227) (see page 233), or the Bachelor of Science (C10242) (see page 241) in the majors Environmental Biology (MAJ01106) or Environmental Forensics (MAJ01108).

66513	Marine Geosciences	6ср
91118	Fisheries Resources	6ср
91126	Coral Reef Ecosystems	6ср
Select one	of the following:	6ср
91157	Marine Communities	6ср
91156	Marine Primary Producers	6ср
		Total 24cp

SMJ09056 Environmental Protection

This major is only available to students enrolled in the Bachelor of Science in Marine Biology (C10228) (see page 234), or the Bachelor of Science (C10242) (see page 241) in the majors Environmental Biology (MAJ01106) or Marine Biology (MAJ01107).

Completion requirements

91309	Biodiversity Conservation	6ср
91159	Environmental Forensics	6ср
91155	Stream and Lake Assessment	6ср
79004	Environmental Law and Science	6cp
		Total 24cp

SMJ09057 Environmental Biology

This major is only available to students enrolled in the Bachelor of Science in Environmental Forensics (C10227) (see page 233), Bachelor of Science in Marine Biology (C10228) (see page 234), or the Bachelor of Science (C10242) (see page 241) in the majors Marine Biology (MAJ01107), or Environmental Forensics (MAJ01108).

Completion requirements

91155	Stream and Lake Assessment	6ср
91116	Wildlife Ecology	6ср
91159	Environmental Forensics	6ср
Select on	e of the following:	6ср
9137	71 Forest and Mountain Ecology	6ср
9137	70 Semi-arid Ecology	6ср
9116	3 Alpine and Lowland Ecology	6ср
	-	Total 24cp

SMJ09058 Econometrics

The analysis of economic data is a key economic skill. This sub-major provides analytical skills in data analysis that are both valuable for research and highly valued by employers in a range of work areas.

It is recommended that 23565 Mathematics for Economics and Business be completed before 23572 Applied Microeconometrics and 25573 Time Series Econometrics.

Completion requirements

23571	Introductory Econometrics	6ср
23565	Mathematics for Economics and Business	6ср
23572	Applied Microeconometrics	6ср
25573	Time Series Econometrics	6ср
		Total 24cp

SMJ09059 Business Law

000,00	, _uocoo _u	
70327	Commercial Law	6ср
Select 18 c	redit points from the following options:	18cp
77716	International Trade Law	6ср
77715	Banking Law	6ср
79771	Dispute Resolution	6ср
77724	International Banking and Finance Law	6ср
77745	Negotiation	6ср
77901	Securities Markets Law	6ср
77938	Introduction to Taxation Law	6ср
77942	Legal Aspects of Contracts Administration	6ср
		Total 24cp

SMJ10011 Photography

	3 1 7	
88305	Photography 1: Documentation	6ср
88405	Photography 2: Communication	6ср
88505	Photography 3: Fabrication	6cp
88605	Photography 4: Construction	6cp
	0 1 7	Total 24cp

SMJ10012 Textile Design

Free choice of electives.

SMJ10013 Film and Video

88308	Introduction to Design for 2D Animation	6ср
88408	Advanced Design for 2D Animation	6cp
88503	Introduction to Production Design	6cp
88603	Advanced Production Design	6cp
	· ·	Total 24cp

SMJ10016 Furniture Design

88316	Furniture Context and Language	6ср
88416	Furniture Production and Materials	6ср
88516	Furniture Industry and Development	6cp
88616	Furniture Prototype	6cp
	31	Total 24cp

SMJ10017 Design for Theatre

88333	Design for Stage and Theatre: Contemporary	6ср
88444	Design for Stage and Theatre: Classics	6ср
88555	Design for Theatre: Special Performances	6cp
88666	Design for Theatre: Self-Devised Project	6cp
	· ,	Total 24cp

SMJ10019 Exhibition Design

88323	Exhibition Design: Practice	6ср
88424	Exhibition Design: Concepts and Strategies	6cp
88525	Exhibition Design: Process-based Project	6cp
88626	Exhibition Design: Methods of Interpretation	1
	Project	6ср
	,	Total 24cp

SMJ10020 Architectural Studies

Select 24 c	redit points from the following options:		24cp
11211	Architectural Design: Forming	6ср	1
11212	Architectural History and Theory:	•	
	Orientations	6ср	
11214	Architectural Design:		
	Architectural Communications	6ср	
11216	Architectural History and Theory:		
	Modernity and Modernism	6ср	
11208	Architectural Design:		
	Architectural Communications 2	6ср	
11205	Architecture Culture and Environment	6ср	
11206	Introduction to Construction and		
	Structural Synthesis	6cp	
		Total	l 24cp

SMJ10026 Object and Accessory Design

Free choice of electives.

SMJ10028 International Exchange

The International Exchange sub-major provides participants with the opportunity to study at an overseas institution and receive credit towards the MBA on completion of their study. It provides the opportunity to have an international study experience and to experience business operations in an international environment.

Completion requirements

0000075	Intometicant Evaluation of Calabort 1	(
999025	International Exchange Subject 1	6ср
999026	International Exchange Subject 2	6ср
999502	International Exchange Subject 3	6ср
999780	International Exchange Subject 4	6cp
	ζ,	Total 24cp

SMJ10030 Nanotechnology

65307	Physical Chemistry 1	6ср
67509	Molecular Nanotechnology	6ср
91140	BioNanotechnology	6cp
67510	Surface Processes	6cp
		Total 24cp

SMJ10031 Physics

68416	Computational Physics	6ср
68412	Energy Science and Technology	6ср
68414	Advanced Mechanics	6ср
68415	Measurement and Analysis of Physical	•
	Processes	6ср
		Total 24cp

SMJ10032 Media Studies

This sub-major invites students to investigate the role of media in their lives and in globalised social environments by exploring key media theories and carrying out original media research.

The first subject explores significant media debates and the evolution of media theories from all-powerful models of the media to more nuanced understandings of media influence, asking key questions including: What is a medium? How do people use media? How do the media 'use' people?

In the second subject students explore key research traditions, ways to study how people use media in their daily lives and ways of reflecting on how individuals shape their identity through social media and what it means to work as a media professional in contemporary Australian media industries.

The third subject equips students to analyse changing concepts of media audiences from passive recipients to active producers.

To develop students' research expertise in ways which help to prepare them for honours, postgraduate study, and careers in the media and in media research, students tackle research design, formulation of research questions, media research methods, literature reviewing, critical appraisal, and reporting their findings in research genres.

Further information on this sub-major can be found at: www.communication.uts.edu.au/courses/submajors.html

Completion requirements

	The state of the s	
58226	Media, Mediation, Power	8ср
58324	Investigating Media, Reflective Practices	8cp
58325	Audiences, Users, Publics, Communities	8cp
		Total 24cp

SMJ10033 Screen Studies

In this sub-major, the first subject focuses on key movements and directors in cinema history, and key theories and debates that have defined film studies as a discipline. The second subject explores the ways in which various media (focusing on film, but also on television, video, and new media) inform and/or challenge our understanding of the past and its relationship to the present. Finally, the third subject focuses on a diverse range of contemporary films that are innovative and experimental in their structure and which are explored in conjunction with contemporary debates in film studies on the relationship between aesthetics, politics, affect, and experience. Each of the subjects are international in their focus and students engage critically and creatively with visual texts from, among other countries, France, Spain, Italy, Germany, China, Taiwan, Iran, Lebanon, Canada, the UK, Australia, New Zealand, Finland, Denmark, and the USA.

The sub-major appeals to students who have an interest in film (and other visual media), and who are keen to develop the vocabulary and skills to think and write about the history and theory of these media in an informed, critical, and scholarly way.

Further information on this sub-major can be found at: www.communication.uts.edu.au/courses/submajors.html

Completion requirements

Completion	on requirements		
58225	Introduction to Film Studies		8cp
58322	Screening the Past		8cp
58323	Contemporary World Cinema		8cp
		Total	24cp
SMJ1003	4 Journalism		
58110	Introduction to Journalism		8ср
58111	Reporting with Sound and Image		8cp
58112	Reporting and Editing for Print and Online		1
	Journalism		8cp
		Total	24cp
SMJ1003	5 Image Studies		
80067	Photographic Context 1		6ср
80068	Photographic Context 2		6ср
80035	Photographic Artifice		6ср
	edit points from the following options:		6ср
80033	Professional Practice: Photography	6ср	
80063	Professional Practice: Situated/		
	Interactive Media	6cp	24
		Total	24cp
SMJ1003	6 Innovation Technologies		
85500	Design Futures: Creative Technologies		6ср
80034	Physical and Tangible Media Interfaces for		1
	Design Expression		6ср
80214	Locative and Sensor Design Technologies		6ср
80063	Professional Practice: Situated/Interactive		_
	Media		6ср

Total 24cp

SMJ10037 Composition

This sub-major is not available in 2013.

Completion requirements

50839	Sound for Time-based Media	6ср
50840	Notation and Scoring	6cp
50841	Orchestration and Timbre	6cp
50842	Electro-acoustic Composition	6cp
	•	Total 24cp

SMJ10038 Interaction Design

This sub-major is not available in 2013.

Completion requirements

50839	Sound for Time-based Media	6ср
50843	Live Sound	6ср
50844	Musical Instrument Design	6cp
50845	Sound Systems	6ср
	•	Total 24cp

SMJ10040 Communication

58101	Understanding Communication	8cp
58102	Language and Discourse	8cp
58103	Ideas in History	8cp
	•	Total 24cp

SMJ10041 Writing and Cultural Studies

31-13 100-	Sins 10041 Willing and Cattal at Staules			
58119	Text and Context	8cp		
58120	Creativity and Culture	8cp		
58121	Fictional Forms	8cp		
		Total 24cp		

SMJ10042 Media Arts and Production

57166	Documentary Production	8ср
57167	Moving Image	8cp
57168	Sound and Interaction	8cp
		Total 24cp

SMJ10043 Journalism

57011	Research and Reporting for Journalism	8ср
57156	Radio Journalism	8cp
57158	Television and Video Journalism	8cp
		Total 24cp

SMJ10044 Screenwriting

57101	Advanced Screenwriting	8cp
57142	Writing for the Screen	8cp
57154	Writing Television Drama	8cp
	ū	Total 24cp

SMJ10047 VFX Design

88201	Animation Studio: VFX Design Introduction	12cp
88202	Animation Studio: VFX Design Advanced	12cp
	_	Total 24cp

STM90080 Project + two electives **STREAMS** CBK90743 Electives 12cp Select 18 credit points from the following options: 18cp STM90606 Project (two semesters) (FT) STM90005 Chinese stream (LOTE) 18cp 18cp STM90607 Project (three semesters) Free choice of electives. 18cp STM90608 Project (two semesters) (PT) Graduate Project (18cp in 1 semester) 18cp STM90006 French stream (LOTE) Total 30cp Free choice of electives. STM90081 Project + one elective STM90007 German stream (LOTE) CBK90230 Elective 6ср Free choice of electives. Select 24 credit points from the following options: 24cp STM90609 Project (two semesters) (FT) 24cp STM90010 Italian stream (LOTE) STM90610 Project (three semesters) 24cp Free choice of electives. 24cp STM90611 Project (two semesters) (PT) Graduate Project (24cp in 1 semester) 24cp STM90011 Japanese stream (LOTE) Total 30cp Free choice of electives. STM90082 Project STM90014 Spanish stream (LOTE) Select 30 credit points from the following options: 30ср Free choice of electives. STM90613 Project (two semesters) 30ср STM90612 Project (three semesters) (PT) 30cp STM90016 China: Specialist Country Studies stream 30cp Graduate Project (30cp in 1 semester) STM90614 Project (three semesters) (FT) Contemporary China 8ср 30cp Total 30cp CBK90487 Chinese Language and Culture 16cp Total 24cp STM90083 Management stream STM90017 France: Specialist Country Studies stream 21862 Motivating and Managing People 8ср 8ср CBK90490 French Language and Culture 21863 Changing the Organisational Design 16cp 21864 Global Strategic Thinking 976411 Contemporary France 8cp 8cp Total 24cp Total 24cp STM90085 Industrial Law stream STM90018 Germany: Specialist Country Studies stream Free choice of electives. CBK90492 German Language and Culture 16cp Contemporary Germany 976421 8cp STM90090 Project (two semesters) Total 24cp Information and Knowledge Management 57104 STM90020 Italy: Specialist Country Studies stream Project Part A 4cp 57105 Information and Knowledge Management CBK90493 Italian Language and Culture 16cp 976431 Contemporary Italy Project Part B 12cp 8cp Total 24cp Total 16cp STM90091 Professional Project STM90021 Japan: Specialist Country Studies stream Free choice of electives. Contemporary Japan 8cp CBK90488 Japanese Language and Culture 16cp STM90092 Journalism Research Project (PT) Total 24cp Free choice of electives. STM90022 Latin America: Specialist Country Studies STM90093 Film and Video stream stream CBK90039 Media Arts choice 976502 Contemporary Latin(o) Americas 8ср 16cp CBK90040 Media Production choice 16cp CBK90491 Spanish Language and Culture 16cp Total 48cp Total 24cp STM90094 New Media stream STM90023 Spain: Specialist Country Studies stream CBK90239 400-level Media Arts subjects 8cp CBK90491 Spanish Language and Culture 16ср CBK90504 New Media choice Contemporary Spain 8cp 8cp Total 24cp CBK90505 Media Production choice 16cp Total 48cp STM90068 Capstone project + electives STM90095 Sound stream Capstone Project 6ср CBK90240 Electives 8ср Select 6 credit points of electives 6ср CBK90241 Electives (Sound) 8ср Total 12cp CBK90274 Media Arts subjects 8cp STM90070 Physical Modelling subjects Total 48cp Free choice of electives. STM90096 Media Arts and Production project (two STM90078 Project

semesters)

Free choice of electives.

24cp

Total 24cp

24cp

STM90097 Option 1: Project (one semester)

Free choice of electives.

STM90098 Option 2: Project (two semesters)

Free choice of electives.

STM90099 Option 3: No project

57026	Strategic Communication and Negotiation	8ср
	_	Total 24cp

Select one of the following:

49058

STM90079 Project

Free choice of electives.

Graduate Project (24cp in 1 semester)

STM901	NN Project (two semesters)		77716	International Trade Law	6ср
STM90100 Project (two semesters) Free choice of electives.			78109	Globalisation and International Economic	-
STM901	02 Practical Legal Training stream		78160	Law Rights and Obligations in the International	6ср
75402	Property Transactions	6ср	F0201	Legal System	6cp
75403	Commercial and Estate Practice	6cp	78201	International Development Law	6cp
75420	Ethics and Professional Conduct	6cp	78010 78016	International Criminal Law International Humanitarian Law	6cp
75421	Civil Litigation	6ср	78107	Climate Law and Carbon Markets	6ср 6ср
		Total 24cp	78126	Corporate Governance	6cp
STM901	06 Core subjects		78141	International and Comparative Family	1
68037	Physical Modelling	6ср		Law	6ср
33130	Mathematical Modelling 1	6cp	78153	International Commercial Transactions	6ср
33230	Mathematical Modelling 2	6cp	78156	International Environmental Law: Policy	6 cm
48230	Engineering Communication	6cp	78158	and Implementation Private International Law	6ср 6ср
48240	Design Fundamentals	6cp	78162	Global Governance and Social Justice	6ср
48250	Engineering Economics and Finance	6cp	78182	Human Rights Law	6cp
48270	Entrepreneurship and Commercialisation	6cp	78212	Communications and Technology:	1
48260	Engineering Project Management	6cp Total 48cp		A Primer	6ср
		iotai 40cp	78188	Intellectual Property Commercialisation	6ср
STM901	07 Core subjects (Engineering)		78184	Intellectual Property: Law and Policy	6cp
68037	Physical Modelling	6ср	78218 78222	Animal Law and Policy in Australia Law of Slavery and Human Trafficking	6ср 6ср
33130	Mathematical Modelling 1	6cp	78216	Competition Law in a Global Context	6ср
48230	Engineering Communication	6cp	78225	Environmental and Sustainable	ocp
33230	Mathematical Modelling 2	6cp		Development Law of China	6ср
48240	Design Fundamentals	6cp	78218	Animal Law and Policy in Australia	6ср
48250 48260	Engineering Economics and Finance Engineering Project Management	6cp	78206	International Organisations	6ср
40200	Engineering i toject Management	6cp Total 42cp			Total 24cp
		10tai 12cp	STM901	13 Non-law graduate entrant stream	
STM901	08 Core subjects (Business)		77885	Legal Process and Legal Research	6ср
23115	Economics for Business	6ср		credit points from the following options:	18cp
22107	Accounting for Business Decisions A	6cp	77704	European Union Law	6ср
24108	Marketing Foundations	6cp	77724	International Banking and Finance Law	6cp
26100	Integrating Business Perspectives	6ср	77935	International Business Law	6ср
25300 21129	Fundamentals of Business Finance Managing People and Organisations	6cp	77751	International Commercial	
22207	Accounting for Business Decisions B	6ср 6ср	77976	Arbitration	6ср
	Treeounting for Business Beelstons B	Total 42cp	77976	World Trade Organisation Law and Practice	6ср
		1	77740	Research Paper	6ср
	09 No specified specialisation		77783	International Commercial Dispute	1
	credit points from the following options:	24cp		Resolution	6ср
020965	Drawing	6cp	78008	Law of the Sea	6ср
020966 020967	Painting and Printmaking Structure and Sequence in 3-Dimensional	6ср	78011 78023	International Sale of Goods International Trade Law and the	6ср
020707	Arts	6ср	76023	Environment	6ср
024915	The Multi-arts of Children's Literature	6cp	77701	International Economic Law (PG)	6cp
024918	Australian Children's Literature	6cp	78015	Global Aspects of Intellectual Property	1
020963	Arts in the Community	6ср		Law	6ср
020964	Creative Arts Method	6cp	78026	Business and Law in China	6ср
024913 020203	Literary Theory	6cp	77716	International Trade Law	6ср
020203	Music, Media and Children Creative Arts Practice	6ср 6ср	78109	Globalisation and International Economic Law	6cn
020702	Creative Arts Fractice	Total 24cp	78160	Rights and Obligations in the International	6ср
			70100	Legal System	6ср
STM901	11 Research project (Law PG)		78201	International Development Law	6cp
777251	Research Project 1 (PG)	6cp	78188	Intellectual Property Commercialisation	6ср
777252	Research Project 2	6cp	78184	Intellectual Property: Law and Policy	6ср
		Total 12cp	78010 78016	International Criminal Law International Humanitarian Law	6ср 6ср
STM901	12 Law graduate entrant stream		78107	Climate Law and Carbon Markets	6ср
	credit points from the following options:	24cp	78126	Corporate Governance	6ср
78026	Business and Law in China	6ср	78141	International and Comparative Family	1
77704	European Union Law	6cp		Law	6ср
78015	Global Aspects of Intellectual Property		78153 78156	International Commercial Transactions	6ср
===00	Law	6ср	78156	International Environmental Law: Policy and Implementation	6ср
77783	International Commercial Dispute	600	78158	Private International Law	6ср
77724	Resolution International Banking and Finance Law	6ср 6ср	78162	Global Governance and Social Justice	6ср
77935	International Business Law	6cp	78182	Human Rights Law	6cp
77751	International Commercial	1	78212	Communications and Technology:	_
	Arbitration	6ср	F0040	A Primer	6ср
77701	International Economic Law (PG)	6ср	78218	Animal Law and Policy in Australia	6cp
78011	International Sale of Goods	6ср	78222 78216	Law of Slavery and Human Trafficking Competition Law in a Global Context	6ср 6ср
78023	International Trade Law and the	6cn	78225	Environmental and Sustainable	оср
77976	Environment World Trade Organisation Law and	6ср	. 00	Development Law of China	6ср
	Practice	6ср	78218	Animal Law and Policy in Australia	6cp
78008	Law of the Sea	6cp	78206	International Organisations	6cp
77740	Research Paper	6cp			Total 24cp

67 110011				H 004.6		,
	4 Law graduate entrant stream		4.0	78016 78107		6cp
	redit points from the following options:	,	48cp	78107		6ср 6ср
77704	European Union Law	6cp		78141	International and Comparative Family	оср
77724	International Banking and Finance Law	6cp		70141		6ср
77935 77751	International Business Law International Commercial	6ср		78153		бср 6ср
///31	Arbitration	6cn		78156	International Environmental Law: Policy	o c P
77740	Research Paper	6cp				бср
77783	International Commercial Dispute	оср		78158	Private International Law	бср
,,,,,,	Resolution	6ср		78162	Global Governance and Social Justice	6ср
77976	World Trade Organisation Law and	ocp		78182		6ср
	Practice	6ср		78212	Communications and Technology:	
78008	Law of the Sea	6cp				бср
78011	International Sale of Goods	6cp		78222	Law of Slavery and Human Trafficking	бср
78023	International Trade Law and the	1		78216		бср
	Environment	6ср		78225	Environmental and Sustainable	_
78026	Business and Law in China	6ср		2004 0	Development Law of China	бср
77701	International Economic Law (PG)	6ср		78218		6ср
78015	Global Aspects of Intellectual Property			78206	0	6cp Total 48cm
	Law	6cp				Total 48cp
	Research project (Law PG)	12cp		STM901	41 Performance Studies stream	
77716	International Trade Law	6ср				
78109	Globalisation and International Economic			27149	Performance Studies 1: Gymnastics and Dance	
70170	Law	6ср		27249	Performance Studies 2: Dance and Athletics	6cp
78160	Rights and Obligations in the International			27349	Performance Studies 3: Sport and Aquatics	6cp
70201	Legal System	6cp		27449	Performance Studies 4: Skill Acquisition (Spor	
78201	International Development Law	6cp				Total 24cp
78010 78016	International Criminal Law International Humanitarian Law	6cp		STM901	42 Project (two semesters)	
78107	Climate Law and Carbon Markets	6cp				
78107 78126	Corporate Governance	6cp		Free choi	ce of electives.	
78141	International and Comparative Family	оср		STM901	43 Project (two semesters)	
70141	Law	6ср				
78153	International Commercial Transactions	6ср		Free choi	ce of electives.	
78156	International Environmental Law: Policy	оср		CTM001	61 Contextual Studies	
,0100	and Implementation	6ср				10
78158	Private International Law	6cp		CBK9046	52 Electives	12cp
78162	Global Governance and Social Justice	6cp				Total 36cp
78182	Human Rights Law	6cp		CTM001	74 Coro subjects	
78212	Communications and Technology:	1			76 Core subjects	
	A Primer	6ср		27342	Sociocultural Concepts for Leisure, Sport and	6
78188	Intellectual Property Commercialisation	6ср		27100	Tourism	6ср
78184	Intellectual Property: Law and Policy	6ср		27180	Functional Kinesiology	6cp
78222	Law of Slavery and Human Trafficking	6ср		27111 21129	Mechanics of Human Motion	6cp
78216	Competition Law in a Global Context	6ср		27152	Managing People and Organisations	6ср
78225	Environmental and Sustainable			2/132	Measurement and Development of Physical Capacity	6ср
	Development Law of China	6ср		22107	Accounting for Business Decisions A	6ср
78218	Animal Law and Policy in Australia	6cp		27252	The Sport Industry	6ср
78206	International Organisations	6ср	1.40	27171	Applied Kinesiology	6ср
		Tota	1 48cp	27160	Sport and Exercise Psychology	6ср
CTM0011	E Non Jaw graduate entrant stream			27307	Sport Management	6cp
	5 Non-law graduate entrant stream			27155	Research for Human Movement	6cp
77885	Legal Process and Legal Research		6cp	27175	Energetics of Human Movement	6cp
	credit points from the following options:		42cp	27222	Exercise Prescription	6cp
77704	European Union Law	6cp		27105	Nutrition for Health and Physical Activity	6ср
77724 77935	International Banking and Finance Law	6cp		24108	Marketing Foundations	6ср
77933 77751	International Business Law International Commercial	6ср		27308	Exercise Management for Special Populations	6ср
77731	Arbitration	6ср		27324	Strategic Management in Leisure, Sport and	
77976	World Trade Organisation Law and	оср			Tourism Organisations	6ср
77770	Practice	6ср		27628	Law for Leisure, Sport and Tourism	6ср
77740	Research Paper	6ср		27350	Professional Internship (Capstone)	6ср
77783	International Commercial Dispute	оср		27161	Sport Marketing	6cp
77700	Resolution	6ср			1	otal 120cp
78008	Law of the Sea	6ср		CTM004	TT 0	
78011	International Sale of Goods	6ср			77 Graduate project	
78023	International Trade Law and the	1		Free choi	ce of electives.	
	Environment	6ср		C=1.4004	70.0	
77701	International Economic Law (PG)	6cp			78 Core subjects	
78015	Global Aspects of Intellectual Property	1		27342	Sociocultural Concepts for Leisure, Sport and	
	Law	6ср			Tourism	6ср
STM90111	Research project (Law PG)	12cp		27180	Functional Kinesiology	6ср
78026	Business and Law in China	6ср		27111	Mechanics of Human Motion	6ср
77716	International Trade Law	6ср		91429	Physiological Bases of Human Movement	6ср
78109	Globalisation and International Economic	_		27152	Measurement and Development of Physical	,
	Law	6ср		277220	Capacity	6cp
78160	Rights and Obligations in the International			27228	Lifespan Development	6cp
# 05 - :	Legal System	6cp		27252	The Sport Industry	6cp
78201	International Development Law	6cp		27171 27160	Applied Kinesiology	6cp
78188	Intellectual Property Commercialisation	6cp		27150	Sport and Exercise Psychology Research for Human Movement	6cp
78184	Intellectual Property: Law and Policy	6cp		27133	Energetics of Human Movement	6ср 6ср
78010	International Criminal Law	6ср		_, 1, 0		оср

27222	Exercise Prescription	6ср	STM902	12 Management stream
27105 27331 27227 27308	Nutrition for Health and Physical Activity Skill Acquisition Critical Issues in Health and Wellbeing Exercise Management for Special Populations	6cp 6cp 6cp 6cp	Managen	21914 Readings and Reflecting on Manage nent and Organisation Seminars are only ava e completed MAJ08046 Extended Manage
27341	Health Promotion	6cp	Complet	ion requirements
27174 27350 27173	Analysis of Human Motion Professional Internship (Capstone) Human Performance in Sport and Exercise Tota	6cp 6cp 6cp l 120cp	21908 21910 Select on	Advanced Management and Organisati Methods Researching Organisations and Manage e of the following:
	181 Project (Social Inquiry) (two semesters) ice of electives.		2190 2191	 Research Methods and Approaches Management and Organisations Readings and Reflecting on
STM901	182 Thesis stream		6.1.4	Management
25230 25231	Thesis in Mathematics and Finance (Honours) 1 Thesis in Mathematics and Finance (Honours) 2 Tot	6ср 6ср al 12ср	2190 2191	Management Theorising Management and Organisation
	184 Locating Oneself in Global Learning strea ice of electives.	m	21912 21913	Seminars Thesis Proposal in Management (Honor Thesis in Management (Honours)
	190 Chinese Language stream			
Free cho	ice of electives.			13 Marketing stream
STM901	191 French Language stream		24901 24770	Philosophy of Science and Theory Thesis in Marketing (Honours) 1

STM90195 Italian Language stream Free choice of electives.	
STM90192 German Language stream Free choice of electives.	
Free choice of electives.	

STM90196 Japanese Language stream

Free choice of electives.

STM90199 Spanish Language stream

Free choice of electives.

STM90202 Programming and Design stream

Free choice of electives.

STM90203 Distributed Network Computing stream

Free choice of electives.

STM90205 Honours Thesis (two semesters)

Free choice of electives.

STM90206 Honours Thesis (three semesters)

Free choice of electives.

STM90210 Accounting stream

22901	Accounting Research and Consulting Skills	6ср
22902	Financial Reporting, Capital Markets and	-
	Disclosure	6ср
22903	Contemporary Issues in Management Accounting	-
	Research	6ср
22908	Economics of Auditing and Assurance Services	6cp
22906	Thesis in Accounting	24cp
	Total	l 48cp

STM90211 Finance and Economics stream

Select 48 credit points from the following options:	48cp
CBK90536 Finance strand	48cp
CBK90537 Economics strand	48cp
	Total 48cp

gement and 21915 vailable to students ement.

21908	Advanced Management and Organisation R	esearc	h
	Methods		6ср
21910	Researching Organisations and Managemen	t	6ср
Select one	of the following:		6ср
21907	Research Methods and Approaches in		
	Management and Organisations	6ср	
21914	Readings and Reflecting on	-	
	Management	6ср	
Select one	of the following:	_	6ср
21909	Advanced Organisation and		_
	Management Theorising	6ср	
21915	Management and Organisation		
	Seminars	6ср	
21912	Thesis Proposal in Management (Honours)		6ср
21913	Thesis in Management (Honours)		18cp
		Total	l 48cp
STM9021	3 Marketing stream		

24901	Philosophy of Science and Theory		6ср
24770	Thesis in Marketing (Honours) 1		6cp
24771	Thesis in Marketing (Honours) 2		18cp
Select one	of the following:		6ср
24902	Research Methodology and Data		•
	Analysis Techniques	6ср	
24758	Readings in Marketing	6ср	
Select one of the following:		-	6ср
24908	Research Design and Data Collection		•
	Techniques	6ср	
21751	Management Research Methods	6ср	
Select one	of the following:	-	6ср
24331	Marketing Analytics and Decisions	6ср	_
23908	Economic Modelling	6ср	
	<u> </u>	Total	48cp

STM90216 Core subjects

Free choice of electives.

STM90225 Core subjects (SMD)

50830	Contemporary Music 1	6ср
50831	Sonology	6ср
50832	Electronic Music Composition	6ср
50833	Speech, Music, Sound	6ср
50834	Audio Production	6ср
50835	Audio Culture	6ср
50836	Sonic Art	6ср
50837	Contemporary Music 2	6ср
50838	Professional Practice (SMD)	6ср
		Total 54cp

STM90226 Core subjects

Free choice of electives.

STM90228 Core subjects

Free choice of electives.

STM90253 Project (Cultural Studies) (two semesters)

976502 Contemporary Latin(o) Americas

CBK90491 Spanish Language and Culture

Free choice of electives.

STM90266 Latino USA: Specialist Country Studies stream

CDIC/01	or opinion banguage and cantale	Total 24cp
STM90	271 Engineering practice program	
48121	Engineering Practice Preview 1	Зср
48110	Engineering Experience 1	0cp
48122	Engineering Practice Review 1	3cp
48141	Engineering Practice Preview 2	3ср
48130	Engineering Experience 2	0cp
48142	Engineering Practice Review 2	3ср
		Total 12cp

8cp

16cp

STM00272 Care subjects (Engines		CTM00	200 Cara subjects	
STM90272 Core subjects (Enginee	-		288 Core subjects	1
68037 Physical Modelling	6cp	27342	Sociocultural Concepts for Leisure, Sport and	
33130 Mathematical Modelling 1 33230 Mathematical Modelling 2	6cp	27126	Tourism Event and Leisure Industries	6cp
48230 Engineering Communication	6cp on 6cp	24108	Marketing Foundations	6ср 6ср
48240 Design Fundamentals	6ср	21129	Managing People and Organisations	6ср
48260 Engineering Project Manage		27326	Diversity Management	6ср
21.g.n.cern.g r roject manag	Total 36cp	23115	Economics for Business	6ср
	1	27703	Event Management	6cp
STM90273 Core subjects (Busines	ss)	22107	Accounting for Business Decisions A	6ср
22107 Accounting for Business De	ecisions A 6cp	27115	Arts and Entertainment Industries	6cp
21129 Managing People and Orga		27192	Event Impacts and Legacies	6ср
24108 Marketing Foundations	6ср	27344	Research Foundations for Leisure Sport and	_
23115 Economics for Business	6ср	05117	Tourism	6ср
25300 Fundamentals of Business I	1	27116	e-Marketing and Management of Services	6ср
26134 Business Statistics	6ср	27323	Government and Policy for Leisure, Sport and Tourism	6cn
26100 Integrating Business Perspectation 22207 Accounting for Business December 22207		27350	Professional Internship (Capstone)	6ср 6ср
Accounting for Business De	ecisions B 6cp Total 48cp	27361	Industry Project 1	6ср
	10ш 40ср	27324	Strategic Management in Leisure, Sport and	° -r
STM90274 Core subjects (Biotechi	nology)		Tourism Organisations	6ср
65111 Chemistry 1	6ср	27216	Venue Management	6cp
91161 Cell Biology and Genetics	6cp	27362	Industry Project 2	6cp
65212 Chemistry 2	6cp	27628	Law for Leisure, Sport and Tourism	6ср
91140 BioNanotechnology	6cp	27345	Creating Event Experiences	6ср
91320 Metabolic Biochemistry	6cp			Total 120cp
91314 General Microbiology	6ср	CTMON'	289 Core subjects	
91142 Biotechnology	6ср			1
91144 Plant Biotechnology	6ср	27342	Sociocultural Concepts for Leisure, Sport and Tourism	
91369 Biobusiness and Environme		27184	Dimensions of Tourism	6cp
Select one of the following:	6ср	24108	Marketing Foundations	6ср 6ср
91335 Molecular Biology 2 91359 Advanced Immunolog	6cp	23115	Economics for Business	6ср
91132 Molecular Biology 1	у 6ср 6ср	27648	The Tourism Business	6ср
91368 Bioreactors and Bioprocessi		27327	Tourism and Sustainability	6cp
Select 6 credit points from the followin		21129	Managing People and Organisations	6cp
91326 Analytical Biochemistry	6cp	22107	Accounting for Business Decisions A	6cp
91330 Epidemiology and Public H		27642	Tourism Marketing	6ср
Microbiology	6ср	27185	The Tourist Experience	6ср
91401 Introductory Haematology		27344	Research Foundations for Leisure Sport and	
Immunology	6cp	27117	Tourism	6cp
	Total 78cp	27116 27323	e-Marketing and Management of Services Government and Policy for Leisure, Sport	6ср
STM0029/ Cara subjects (Piotoshi	nology)	27323	and Tourism	6ср
STM90284 Core subjects (Biotechi		27350	Professional Internship (Capstone)	6ср
91161 Cell Biology and Genetics 65111 Chemistry 1	6cp	27361	Industry Project 1	6ср
91400 Human Anatomy and Phys	6cp siology 6cp	27324	Strategic Management in Leisure, Sport and	1
65212 Chemistry 2	6ср		Tourism Organisations	6ср
91320 Metabolic Biochemistry	6cp	27523	Planning for Sustainable Destinations	6ср
91314 General Microbiology	6cp	27362	Industry Project 2	6ср
91132 Molecular Biology 1	6cp	27628	Law for Leisure, Sport and Tourism	6ср
91330 Epidemiology and Public H	Iealth Microbiology 6cp	27348	Critical Issues in Global Tourism	6cp
91142 Biotechnology	6ср			Total 120cp
91326 Analytical Biochemistry	6ср	STMON	290 Core subjects	
91401 Introductory Haematology		27642	Tourism Marketing	6cn
Select one of the following:	6ср	27184	Dimensions of Tourism	6ср 6ср
91359 Advanced Immunolog 91335 Molecular Biology 2	уу 6ср 6ср	27344	Research Foundations for Leisure Sport and	жр
91369 Biobusiness and Environme		2,311	Tourism	6ср
91368 Bioreactors and Bioprocessi		27185	The Tourist Experience	6cp
91144 Plant Biotechnology	6cp	27648	The Tourism Business	6cp
Select 6 credit points from the followin	g options: 6cp	27327	Tourism and Sustainability	6cp
91129 Transfusion Science	6cp	27703	Event Management	6ср
91345 Biochemistry, Genes and Di	isease 6cp	27116	e-Marketing and Management of Services	6ср
91352 Parasitology	6ср	27324	Strategic Management in Leisure, Sport and	
	Total 96cp	27522	Tourism Organisations	6cp
CTM0020E Cama audit at 14 au	in al	27523	Planning for Sustainable Destinations	6cp
STM90285 Core subjects (Account				Total 60cp
22107 Accounting for Business De		STM902	291 Core subjects	
22207 Accounting for Business De 22157 Australian Corporate Envir		21134	Introduction to Community Management	6ср
22157 Australian Corporate Envir 26100 Integrating Business Perspe		21143	Current Issues in the Community Sector	6ср
25300 Fundamentals of Business I		21043	Australian Indigenous Studies	6cp
23115 Economics for Business	6cp	013953	Adult Learning in Context	6cp
24108 Marketing Foundations	6cp	21224	Indigenous Community Research	6cp
22605 Accounting Information Sy		21225	Managing Human Resources in Indigenous	_
26134 Business Statistics	6cp	046005	Organisations	6ср
	Total 54cp	013980	Identity, Culture and Communication	6ср
		21041	Australian Indigenous Social and Political	(
			Development	6ср

013954	Program Design	6ср	STM903	25 Key Learning Areas	
21136	Resource Management in Nonprofit		012208	English Education 1	6ср
21223	Organisations	6ср	012209	English Education 2	6ср
21223	Social Analysis and Indigenous Community Organisations	6ср	012210	Mathematics Teaching and Learning 1	6cp
013977	Teaching and Learning in Practice	6ср	012211 012212	Mathematics Teaching and Learning 2 Mathematics Teaching and Learning 3	6cp 6cp
21044	Strategic Management of Nonprofit	T	012212	Learning in Science and Technology 1	6ср
	Organisations	6ср	012214	Learning in Science and Technology 2	6ср
015033	Programming for Community Learning	6ср	012215	Social and Environmental Education 1	6cp
21140	Monitoring Organisational Performance	6ср	012216	Social and Environmental Education 2	6ср
21185 21042	Social Change and Community Practice Australian Indigenous Studies Research Projection	6cp	012217	Personal Development, Health and Physica	
21184	Government and Community Sector	ect 6cp 6cp	012210	Education 1	6cp
013978	Research and Inquiry	6ср	012218	Personal Development, Health and Physica Education 2	
21058	Management Project	6ср	012219	Music, Movement and Dance	6ср 6ср
21183	Funds Development	6cp	012220	Visual Arts Education	6cp
21040	Advocacy and Social Change	6cp			Total 78cp
21211	Indigenous Community Organisation Practic		C=1.4000		
21045	Career Development in Indigenous Commur Management	иту 6ср		26 Contextual Studies	
	Walagement	Total 144cp	012221	Philosophical and Ethical Practice in Educa	
		rottar 111ep	012222 012223	Child Development	6cp
STM9031	17 Core subjects (Quantitative Finance)		012223	Research in Learning Sociology of Education	6ср 6ср
25832	Financial Markets Instruments	6ср	012225	Issues in Indigenous Australian Education	6ср
25834	Portfolio Analysis	6cp			Total 30cp
25837	Financial Econometrics	6cp			1
25849 25850	Financial Risk Management	6cp	STM903	28 Professional Experience	
25851	Credit Risk Mathematical Finance	6ср 6ср	012231	Professional Experience 1: Beginning Teach	ing 6cp
25852	Numerical Analysis for Quantitative Finance		012232	Professional Experience 2: Developing	
25853	Computational Methods and Model	1	012233	Classroom Management Professional Experience 3: Integrating	6ср
	Implementation	6ср	012233	Learning Technologies	6ср
25854	Statistical Methods for Quantitative Finance	6ср	012234	Professional Experience 4: Integrating Dive	
25855	Fundamentals of Derivative Security Pricing	. *		Contexts in Education	6ср
25856 25857	Probability Theory and Stochastic Processes	6cp	012235	Professional Experience 5: Teaching Studen	
23637	Interest Rate Modelling	6ср Total 72ср	0.4.0.0.0.6	with Special Educational Needs	6ср
		тошт / 2ср	012236	Professional Experience 6: Programming	(
STM9031	18 Core subjects (Quantitative Finance)		012237	and Assessing in Education Professional Experience 7: Meeting the Eng	6cp
25832	Financial Markets Instruments	6ср	012207	Language Needs of Learners	6ср
25834	Portfolio Analysis	6cp	012238	Professional Experience 8: Reflecting on	···r
25837	Financial Econometrics	6cp		Educational Practice	6ср
25854 25855	Statistical Methods for Quantitative Finance	6cp			Total 48cp
25856	Fundamentals of Derivative Security Pricing Probability Theory and Stochastic Processes	6ср 6ср	CTMOOS	20 Core subjects (Investigative Jaurnali	1
CBK90424	Options	12cp		29 Core subjects (Investigative Journali	
	1	Total 48cp	57161 57152	Investigative Journalism Investigative Research in the Digital	8ср
CT14000			0,102	Environment	8ср
	24 Mathematics foundation subjects	,			Total 16cp
35101 35140	Introduction to Linear Dynamical Systems Introduction to Quantitative Management	6cp	CT14000		
35140	Introduction to Quantitative Management Introduction to Analysis and Multivariable	6ср		30 Standard entry (BN)	0.6
00102	Calculus	6ср		0 Core subjects	96cp
35151	Introduction to Statistics	6ср	S1M90/1	1 Core subjects	48cp Total 144cp
35212	Computational Linear Algebra	6cp			101а1 144ср
35231	Differential Equations	6cp	STM903	31 Accelerated entry (BN)	
35111 35363	Applications of Discrete Mathematics Stochastic Models	6cp		e of the following:	144cp
35353	Regression Analysis	6ср 6ср			144ср
35383	High Performance Computing	6cp			144cp
	credit points from the following options:	12cp	STM	190553 Enrolled Nurse Entry 2	144cp
35241	Optimisation in Quantitative Management	6ср			Total 144cp
35232	Advanced Calculus	6ср	STM903	34 Core subjects (Finance)	
35252	Mathematical Statistics	6ср	25705	Financial Modelling and Forecasting	6ср
35322 35335	Advanced Analysis Mathematical Methods	6cp	25741	Capital Markets	6ср
35340	Quantitative Management Practice	6ср 6ср	25721	Investment Management	6cp
35342	Nonlinear Methods in Quantitative	оср	22747	Accounting for Managerial Decisions	6ср
	Management	6ср	25742	Financial Management	6ср
35344	Network and Combinatorial	=	25765	Corporate Finance	6cp
2525	Optimisation	6ср	25731	International Finance	6cp Total 48cp
35355	Quality Control	6cp			Total 48cp
35356 35361	Design and Analysis of Experiments Stochastic Processes	6ср 6ср	STM903	35 Core subjects	
35391	Seminar (Mathematics)	6cp	25742	Financial Management	6ср
35393	Seminar (Statistics)	6ср	22747	Accounting for Managerial Decisions	6ср
		Total 72cp	25741	Capital Markets	6ср
					Total 24cp

STM903	41 Core subjects (Accounting and Financ	ce)	STM903	52 Sustainable Energy Systems stream		
25742	Financial Management	6ср	48661	Heat Transfer		6ср
22747	Accounting for Managerial Decisions	6cp	49322	Airconditioning		6cp
79708	Contemporary Business Law	6ср Total 24ср	49312 48670	Advanced Flow Modelling Mechanical and Mechatronic Design		6ср 6ср
		•	10070	Weethanical and Weethatforne Design	Total	24cp
	43 Core subjects (Accounting Information	n	CTMOOO	FO latelline at Contame at the con-		•
Systems				53 Intelligent Systems stream		(
22708	Accounting Information Systems	6cp	49274 49275	Advanced Robotics Neural Networks and Fuzzy Logic		6ср 6ср
22747 22759	Accounting for Managerial Decisions Accounting and ERP	6ср 6ср	49261	Biomedical Instrumentation		6ср
22766	Assurance for Enterprise Systems	6ср	48670	Mechanical and Mechatronic Design		6ср
	1	Total 24cp			Total	24cp
CTMONS	44 Core subjects		STM903	54 Computer-aided Design stream		
27800	Applied Leadership and Strategy	8ср	49325	Computer-aided Mechanical Design		6ср
25841	Decision Making Tools	8cp	49312	Advanced Flow Modelling		6ср
21875	Organisational Behaviour in Practice	8cp	48662	Mechanical Applications		6ср
22814	Accounting Information for Managers	8cp	48670	Mechanical and Mechatronic Design	Total	6cp
23845	Managerial Economics	8cp			Total	24CP
21874 25846	Corporate Governance and Sustainability Managerial Finance	8cp 8cp	STM903	55 Biomedical Technology stream		
24800	Managerial Marketing	8cp	91400	Human Anatomy and Physiology		6ср
21873	Global Business Strategies	8cp		e of the following:		6ср
		Total 72cp	9170		6cp	
CTMONS	45 Core subjects		9170 49261	3 Physiological Systems Biomedical Instrumentation	6ср	6ср
21878	Organisational Dialogue: Theory and Practi	се 6ср	48670	Mechanical and Mechatronic Design		6ср
21800	Management and Organisations	6ср		O	Total	24cp
22747	Accounting for Managerial Decisions	6cp	CT14000	5/0 1: .		
23706	Economics for Management	6ср		56 Core subjects		
21844	Managing Work and People	6cp	33130	Mathematical Modelling 1		6cp
25742 24734	Financial Management Marketing Management	6ср 6ср	3323	e of the following: 30 Mathematical Modelling 2	6ср	6ср
21715	Strategic Management	6cp	4807		6ср	
		Total 48cp	48230	Engineering Communication	1	6ср
			48240	Design Fundamentals		6ср
	48 Core subjects (Medical Science)		48250 68037	Engineering Economics and Finance Physical Modelling		6ср 6ср
65111 91161	Chemistry 1 Cell Biology and Genetics	6cp	00037	Trysical Wodening	Total	
65212	Chemistry 2	6ср 6ср				r
91400	Human Anatomy and Physiology	6cp	STM903	57 No specified major		
91320	Metabolic Biochemistry	6cp		e of the following:		6ср
91314	General Microbiology	6cp	4822		6cp	
91703 91706	Physiological Systems Neuroscience	6cp	4802 48210	23 Programming Fundamentals Interrogating Technology: Sustainability,	6ср	
91705	Medical Devices and Diagnostics	6ср 6ср	40210	Environment and Social Change		6ср
91707	Pharmacology 1	6cp	Select 72	credit points from the following options:		72cp
91708	Medical and Applied Physiology	6cp	48024	Applications Programming	6ср	
91709	Pharmacology 2	6ср	48433	Software Architecture	6cp	
91239	Human Pathophysiology	6cp Total 78cp	48440 48770	Software Engineering Practice Continuous Communications	6ср 6ср	
		тотат тоср	48771	Discrete Communications	6ср	
STM903	49 Core subjects (Medical Science)		48780	Mobile Communications	6cp	
91161	Cell Biology and Genetics	6ср	48730	Authentication and System Security	6cp	
65111	Chemistry 1	6cp	48740 48750	Communications Networks	6cp	
91400 65212	Human Anatomy and Physiology Chemistry 2	6cp	48510	Network Planning and Management Introduction to Electrical Engineering	6ср 6ср	
91314	General Microbiology	6ср 6ср	48441	Introductory Digital Systems	6ср	
91703	Physiological Systems	6ср	48521	Fundamentals of Electrical Engineering	6ср	
68041	Physical Aspects of Nature	6cp	48520	Electronics and Circuits	6cp	
91707	Pharmacology 1	6cp	48531 48530	Electromechanical Automation Circuit Analysis	6cp	
91320	Metabolic Biochemistry	6cp	68038	Advanced Mathematics and Physics	6ср 6ср	
91705 91706	Medical Devices and Diagnostics Neuroscience	6ср 6ср	48540	Signals and Systems	6ср	
91708	Medical and Applied Physiology	6ср	48572	Power Circuit Theory	6cp	
91709	Pharmacology 2	6cp	48451	Advanced Digital Systems	6cp	
91239	Human Pathophysiology	6ср	48570 48571	Data Acquisition and Distribution Electrical Machines	6ср 6ср	
	9 Elective (Medical Science)	6cp	48560	Introductory Control	6ср	
91132	redit points from the following options: Molecular Biology 1	6ср 6ср	48610	Introduction to Mechanical and	1	
91330	Epidemiology and Public Health	~ - r	,	Mechatronic Engineering	6cp	
	Microbiology	6ср	48621	Manufacturing Engineering	6cp	
91401	Introductory Haematology and		48620 48600	Fundamentals of Mechanical Engineering	6cp	
	Immunology	6cp Total 96cp	48640	Mechanical Design 1 Machine Dynamics	6ср 6ср	
		Total 96cp	48642	Strength of Engineering Materials	6ср	
			48651	Thermodynamics	6cp	
			48660	Dynamics and Control	6ср	

48023	Programming Fundamentals	6ср	25765	Corporate Finance	6ср
48541	Signal Theory	6cp	25731	International Finance	6cp
48720	Network Fundamentals	6ср	25743	Corporate Financial Analysis	6ср
48080	Introduction to Innovation	6ср	20, 10	corporate rinariciar rinaryozo	Total 54cp
48840	Water Supply and Wastewater Engineering	6ср			rotar o rep
48850	Environmental Planning and Law	6ср	STM903	68 Honours Thesis (PT)	
48821	Ecological Engineering	6ср		Honours Thesis (PT) 2	12 cm
65111	Chemistry 1	6ср	015430		12cp
48331	Mechanics of Solids	. *	015431	Honours Thesis (PT) 3	12cp
48330	Soil Behaviour	6cp			Total 24cp
48641		6cp	CTMOOO	(0.0	
	Fluid Mechanics	6cp	51M903	69 Core subjects	
48340	Construction Materials	6cp	83119	Thinking Fashion	6ср
48352	Construction Materials	6cp	83121	Fashion Communication: An Introduction	6ср
48353	Concrete Design	6cp	83231	Fashion Cultures	6ср
48350	Environmental and Sanitation Engineering	6ср	83233	Fashion Illustration Fundamentals 2	6ср
		Total 84cp	83341	Fashion, Gender and Identity	6cp
			83343	Studio: Bespoke Fashion	6cp
S1M903	59 New Media stream		83344	Fashion Communication: Drawing and	1
CBK90255	New Media choice	8ср		Digital Media	6ср
CBK90256	6 400-level Media Arts subjects	8cp	83772	International Design	6cp
	,	Total 48cp	83773	Fashion and Textiles Research Dissertation	6ср
		1	83777	Professional Practice for Fashion and Textile	оср
STM9038	60 Writing stream		00777	Designers	6ср
57041	Narrative Writing	9 cm	85502		
57041		8cp		Researching Design History	6cp
37031	Non-fiction Writing	8cp	85503	Design Thinking	6cp
		Total 16cp			Total 120cp
CTMOOO	2 Advortising street		CTMOOO	70 Cara subjects	
	32 Advertising stream			70 Core subjects	
Free choic	e of electives.		84110	Aesthetics in Industrial Design	6ср
			84111	Understanding Three-dimensional Form	6ср
STM9036	33 Public Relations stream		84112	Integrated Product Design Communications	6ср
Free choice	e of electives.		84113	Problem Solving in Industrial Design	6ср
			84114	Integrated Product Design Digital	-
STM9038	54 Core subjects			Communication	6ср
013953	Adult Learning in Context	6an	84115	Informing Integrated Product Design	6cp
013954	Program Design	6cp	84120	Structure, Form and Material in Industrial	1
		6cp		Design	6ср
013955	Assessing Learning	6cp	84121	Computer-aided Industrial Design	6ср
013963	Cultural Diversity at Work	6cp	84122	Ergonomics and Industrial Design	6cp
013966	e-Learning Experiences	6ср	84123	Material Manipulation	6ср
013055	Organisational Workplace Learning	6cp	84124	Sustainability and Design	6ср
013974	The Psychology of Adult Learning	6ср	84130	Product Technology	6ср
013959	Communication and Learning	6ср	84131		
013978	Research and Inquiry	6ср	84133	Industrial Design Directions	6cp
013982	Aboriginal Cultures	6ср		Industrial Design Theory	6ср
		Total 60cp	84134	Integrated Product Design Professional	(
			0.4105	Communication	6cp
STM9036	55 No specified major		84135	Ecodesign Practice	6ср
Select 84 c	credit points from the following options:	84cp	84771	Industrial Design Project 700A	6ср
21129	Managing People and Organisations	6ср	84772	Industrial Design Professional Practice	6ср
21229	Management Knowledge	6ср	84780	Research Dissertation ID	6ср
21440	Management Skills	6ср	84880	Major Project ID	24cp
21555	Human Resource Management	6ср	85502	Researching Design History	6ср
013151	Project Management	. *	85503	Design Thinking	6ср
013131		6ср]	Total 150cp
013979	Organisational Learning and Change: Local and Global	6an			
21591		6cp	STM903'	72 Core subjects	
	Transnational Management	6cp	85502	Researching Design History	6ср
21630	Global Strategic Management	6ср	85503	Design Thinking	6cp
013097	Human Resource Development in	6 000	87100	VC Project: Ways of Seeing	6ср
012077	Organisations	6cp	87117	VC Technology: Visible Language	6ср
013976	Strategic Human Resource Development	6cp	87118	VC Studies: Image Experimentation	6ср
013973	Adult Education Policy in Context	6cp	87221	VC Studies: Histories of Visual Communication	on 6cp
013124	Work and People	6ср	87222	VC Project: Symbols and Systems	6ср
010076	Professional Practice 1 Organisational		87333		
	Learning	6ср	87335	VC Technology: Typography, Text and Form	6cp
010077	Professional Practice 2 Organisational			VC Project: Sequence and Narrative	6cp
	Learning	6ср	87441	VC Studies: Contexts of Visual Communication	1
013972	Organisational Learning	6ср	87443	VC Project: Typography in Context	6cp
013980	Identity, Culture and Communication	6ср	87445	VC Project: Visualising Experience	6ср
21510	The Global Context of Management	6cp	87447	VC Technology: Motion Graphics	6cp
21511	Global Operations and Supply Chain		87551	VC Studies: Concepts of Professionalism	6ср
	Management	6ср		e of the following:	6ср
	-	Total 84cp	8755		6cp
		-	8750		6ср
STM9038	66 Core subjects (Finance)			e of the following:	6ср
25705	Financial Modelling and Forecasting	6ср	8766	,	6ср
25741	Capital Markets	6ср	8750		6ср
25721	Investment Management	6ср		e of the following:	6ср
22747	Accounting for Managerial Decisions	6ср	8777	,	6ср
23706	Economics for Management		8750		6ср
25742		6cp	87780	VC Studies: Research Dissertation	6ср
ZJ/4Z	Financial Management	6ср	87880	Major Project VC	24cp
					Total 132cp
					-

STM903					
311.1700	373 Core subjects		11204	Integrated Services	6ср
16103	Materials Science	6ср	11247	Architectural History and Theory:	_
16105	Cost Management 1: Measurement	6ср		Current Events and Debates	6ср
16109	Construction Technology 1	6ср	11248	Architectural History and Theory:	
16203	Cost Management 2: Estimating	6ср		Urbanism and the City	6cp
16265	Construction Technology 2	6ср			Total 120cp
16206	Structures	6ср	671400	NT (0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
16207	Cost Management 3: Cost Planning	6ср		376 Core subjects (Management)	
16307	Project Management Integration	6ср	21129	Managing People and Organisations	6ср
16263	Design Team Management	6ср	21229	Management Knowledge	6ср
16314	Construction Technology 3	6ср	21440	Management Skills	6ср
16422	Construction Technology 4	6ср	21555	Human Resource Management	6ср
16423	Procurement and Contract Management	6ср			Total 24cp
16912	Site Management	6ср			
16913	Time and Quality Management	6ср	STM903	378 Core subjects (Law UG)	
16914	Human Resources and Communications		70211	Contracts	8ср
	Management	6ср	70311	Torts	8cp
16468	Introduction to the Built Environment	6ср	70616	Australian Constitutional Law	8ср
16137	Digital Built Environment	6ср	70317	Real Property	8ср
16138	Site Establishment	6ср	70417	Corporate Law	8ср
16212	Digital Design and Construction 1	6ср	70617	Administrative Law	8cp
16317	Risk and Safety Management	6ср	71116	Remedies	6ср
16412	Cost Management 4: Advanced Estimating	6ср	70115	Perspectives on Law	8cp
16470	Digital Design and Construction 2	6ср	70120	Legal Method and Research	6ср
16467	Built Environment Law	6ср	70218	Criminal Law	8ср
16466	Built Environment Economics	6ср	70517	Equity and Trusts	8ср
16266	Sustainable Urban Design and Development	6ср	70717	Evidence and Criminal Procedure	6ср
11204	Integrated Services	6ср	70327	Commercial Law	6ср
16264	Accounting and Business Management	6ср			Total 96cp
16469	Professional Practice	6ср			
	Total	l 168cp	STM903	379 Core subjects	
c=1.400	N=10		31478	Project Management and Quality Assurance	6ср
STM903	374 Core subjects		31479	Information Technology Professional and	1
16266	Sustainable Urban Design and Development	6ср		Society	6ср
16264	Accounting and Business Management	6ср	31480	Strategic Information Technology Planning	1
16466	Built Environment Economics	6ср		Project	6ср
16127	Building Technology	6ср		,	Total 96cp
16467	Built Environment Law	6ср			1
16231	Property Management	6ср	STM903	380 IT Experience program	
16232	Property and Political Economy	6ср	31136	Preparation for and Review of IT Experience	6ср
16233	Urban Planning Process	6ср	31137	IT Experience 1	0ср
16234	Valuation Methods	6ср	31138	Review of IT Experience	6ср
16235	Urban Economics	6ср	31139	IT Experience 2	0ср
16236	Property Cash Flow Analysis	6ср	01107	II Experience 2	Total 12cp
16237	Property Taxation	6ср			тош т2ер
4 (000	Research Methods	6ср	CT14000	381 Core subjects	
16238	Research Methods	UCP	SIMPH		
16238 16332	Investment and Portfolio			•	8an
		6ср	58324	Investigating Media, Reflective Practices	8cp
16332 16333	Investment and Portfolio Statutory Valuation and Litigation	6ср 6ср		•	8cp
16332	Investment and Portfolio	6cp 6cp 6cp	58324	Investigating Media, Reflective Practices	
16332 16333 16261	Investment and Portfolio Statutory Valuation and Litigation Development Management	6cp 6cp 6cp 6cp	58324 58226	Investigating Media, Reflective Practices Media, Mediation, Power	8cp
16332 16333 16261 16335	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation	6cp 6cp 6cp 6cp 6cp	58324 58226 STM903	Investigating Media, Reflective Practices Media, Mediation, Power	8cp
16332 16333 16261 16335 16469	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment	6cp 6cp 6cp 6cp 6cp 6cp	58324 58226 STM903	Investigating Media, Reflective Practices Media, Mediation, Power	8cp
16332 16333 16261 16335 16469 16468	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment	6cp 6cp 6cp 6cp 6cp 6cp 6cp	58324 58226 STM903 Free cho	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives.	8cp
16332 16333 16261 16335 16469 16468 16137	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis	6cp 6cp 6cp 6cp 6cp 6cp 6cp	58324 58226 STM903 Free cho	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects	8cp
16332 16333 16261 16335 16469 16468 16137 16267	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	58324 58226 STM903 Free cho	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives.	8cp
16332 16333 16261 16335 16469 16468 16137 16267 16331	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation	6cp 6cp 6cp 6cp 6cp 6cp 6cp	58324 58226 STM903 Free cho STM903	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives.	8cp
16332 16333 16261 16335 16469 16468 16137 16267 16331 16345	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	58324 58226 STM903 Free cho STM903 Free cho	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives. 884 Core subjects	8cp
16332 16333 16261 16335 16469 16468 16137 16267 16331 16345	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	58324 58226 STM903 Free cho STM903 Free cho	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives.	8cp
16332 16333 16261 16335 16469 16468 16137 16267 16331 16345 16344	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	58324 58226 STM903 Free cho STM903 Free cho	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives. 884 Core subjects ice of electives.	8cp
16332 16333 16261 16335 16469 16468 16137 16267 16331 16345 16344	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets Total	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	58324 58226 STM903 Free cho STM903 Free cho	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives. 884 Core subjects	8cp
16332 16333 16261 16335 16469 16468 16137 16267 16331 16345 16344 STM903	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets Total 875 Core subjects Architectural Design: Forming	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	58324 58226 STM903 Free cho STM903 Free cho STM903	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives. 884 Core subjects ice of electives.	8cp
16332 16333 16261 16335 16469 16468 16137 16267 16331 16345 16344 STM903 11211 11212	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets Total 875 Core subjects Architectural Design: Forming Architectural History and Theory: Orientations	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 1144cp	58324 58226 STM903 Free cho STM903 Free cho STM903	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives. 884 Core subjects ice of electives. 885 Core subjects	8cp
16332 16333 16261 16335 16469 16468 16137 16267 16331 16345 16344 STM903 11211 11212 11205	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets Tota 875 Core subjects Architectural Design: Forming Architectural History and Theory: Orientations Architecture Culture and Environment	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	58324 58226 STM903 Free cho STM903 Free cho STM903 Free cho	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives. 884 Core subjects ice of electives. 885 Core subjects ice of electives.	8cp
16332 16333 16261 16335 16469 16468 16137 16267 16331 16345 16344 STM903 11211 11212	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets Total 875 Core subjects Architectural Design: Forming Architectural History and Theory: Orientations Architecture Culture and Environment Architectural Design: Architectural	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 1144cp	58324 58226 STM903 Free cho STM903 Free cho STM903 Free cho STM903	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives. 884 Core subjects ice of electives. 885 Core subjects ice of electives. 886 Core subjects	8cp Total 36cp
16332 16333 16261 16335 16469 16468 16137 16267 16331 16345 16344 STM903 11211 11212 11205 11214	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets Tota 875 Core subjects Architectural Design: Forming Architectural History and Theory: Orientations Architectural Design: Architectural Communications	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	58324 58226 STM903 Free cho STM903 Free cho STM903 Free cho	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives. 884 Core subjects ice of electives. 885 Core subjects ice of electives.	8cp Total 36cp
16332 16333 16261 16335 16469 16468 16137 16267 16331 16345 16344 STM903 11211 11212 11205 11214	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets Tota 875 Core subjects Architectural Design: Forming Architectural History and Theory: Orientations Architectural Design: Architectural Communications Architectural Design: Architectural Communications Architectural Design: Making	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 1144cp	58324 58226 STM903 Free cho STM903 Free cho STM903 Free cho STM903	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives. 884 Core subjects ice of electives. 885 Core subjects ice of electives. 886 Core subjects	8cp Total 36cp
16332 16333 16261 16335 16469 16468 16137 16267 16331 16345 16344 STM903 11211 11212 11205 11214	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets Tota 875 Core subjects Architectural Design: Forming Architectural History and Theory: Orientations Architectural Design: Architectural Communications Architectural Design: Architectural Communications Architectural Design: Making Architectural History and Theory: Modernity	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 1144cp	58324 58226 STM903 Free cho STM903 Free cho STM903 Free cho STM903 50190	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives. 884 Core subjects ice of electives. 885 Core subjects ice of electives. 886 Core subjects Professional Information Project	8cp Total 36cp
16332 16333 16261 16335 16469 16468 16137 16267 16331 16345 16344 STM903 11211 11212 11205 11214 11209 11216	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets Tota 875 Core subjects Architectural Design: Forming Architectural History and Theory: Orientations Architectural Design: Architectural Communications Architectural Design: Making Architectural History and Theory: Modernity and Modernism	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	58324 58226 STM903 Free cho STM903 Free cho STM903 Free cho STM903 50190	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives. 884 Core subjects ice of electives. 885 Core subjects ice of electives. 886 Core subjects Professional Information Project	8cp Total 36cp
16332 16333 16261 16335 16469 16468 16137 16267 16331 16345 16344 STM903 11211 11212 11205 11214	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets Tota 875 Core subjects Architectural Design: Forming Architectural History and Theory: Orientations Architectural Design: Architectural Communications Architectural Design: Making Architectural History and Theory: Modernity and Modernism Introduction to Construction and Structural	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	58324 58226 STM903 Free cho STM903 Free cho STM903 Free cho STM903 50190	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives. 884 Core subjects ice of electives. 885 Core subjects ice of electives. 886 Core subjects Professional Information Project	8cp Total 36cp
16332 16333 16261 16335 16469 16468 16137 16267 16331 16345 16344 STM903 11211 11212 11205 11214 11209 11216	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets Tota 875 Core subjects Architectural Design: Forming Architectural History and Theory: Orientations Architectural Design: Architectural Communications Architectural Design: Making Architectural History and Theory: Modernity and Modernism Introduction to Construction and Structural Synthesis	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 1144cp	58324 58226 STM903 Free cho STM903 Free cho STM903 Free cho STM903 50190 STM903 Free cho	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives. 884 Core subjects ice of electives. 885 Core subjects ice of electives. 886 Core subjects ice of electives. 887 100-level disciplinary core subjects ice of electives.	8cp Total 36cp
16332 16333 16261 16335 16469 16468 16137 16267 16331 16345 16344 STM903 11211 11212 11205 11214 11209 11216 11206	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets Tota 875 Core subjects Architectural Design: Forming Architectural History and Theory: Orientations Architectural Design: Architectural Communications Architectural History and Theory: Modernity and Modernism Introduction to Construction and Structural Synthesis Architectural Design:	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	58324 58226 STM903 Free cho STM903 Free cho STM903 Free cho STM903 50190 STM903 Free cho	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives. 884 Core subjects ice of electives. 885 Core subjects ice of electives. 886 Core subjects ice of electives. 887 100-level disciplinary core subjects ice of electives.	8cp Total 36cp
16332 16333 16261 16335 16469 16468 16137 16267 16331 16345 16344 STM903 11211 11212 11205 11214 11209 11216 11206 11208	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets Tota 875 Core subjects Architectural Design: Forming Architectural History and Theory: Orientations Architectural Design: Architectural Communications Architectural Design: Making Architectural History and Theory: Modernity and Modernism Introduction to Construction and Structural Synthesis Architectural Design: Architectural Design: Architectural Communications 2	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	58324 58226 STM903 Free cho STM903 Free cho STM903 Free cho STM903 50190 STM903 Free cho	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives. 884 Core subjects ice of electives. 885 Core subjects ice of electives. 886 Core subjects ice of electives. 887 100-level disciplinary core subjects ice of electives. 888 Professional Experience stream (LLN) Professional Experience 2:	8cp Total 36cp
16332 16333 16261 16335 16469 16468 16137 16267 16331 16345 16344 STM903 11211 11212 11205 11214 11209 11216 11206	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets Total 875 Core subjects Architectural Design: Forming Architectural History and Theory: Orientations Architectural Design: Architectural Communications Architectural Design: Making Architectural History and Theory: Modernity and Modernism Introduction to Construction and Structural Synthesis Architectural Design: Architectural Communications 2 Architectural Design: Strategy	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	58324 58226 STM903 Free cho STM903 Free cho STM903 Free cho STM903 50190 STM903 Free cho	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives. 884 Core subjects ice of electives. 885 Core subjects ice of electives. 886 Core subjects ice of electives. 887 100-level disciplinary core subjects ice of electives.	8cp Total 36cp 8cp Total 68cp
16332 16333 16261 16335 16469 16468 16137 16267 16331 16345 16344 STM903 11211 11212 11205 11214 11209 11216 11208 11208	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets Total 875 Core subjects Architectural Design: Forming Architectural History and Theory: Orientations Architectural Design: Architectural Communications Architectural Design: Making Architectural History and Theory: Modernity and Modernism Introduction to Construction and Structural Synthesis Architectural Design: Architectural Communications 2 Architectural Design: Strategy Architectural History and Theory: Critique	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	58324 58226 STM903 Free cho STM903 Free cho STM903 Free cho STM903 50190 STM903 Free cho	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives. 884 Core subjects ice of electives. 885 Core subjects ice of electives. 886 Core subjects ice of electives. 887 100-level disciplinary core subjects ice of electives. 888 Professional Experience stream (LLN) Professional Experience 2:	8cp Total 36cp
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16332 16333 16261 16335 16469 16468 16137 16267 16331 16345 16344 STM903 11211 11212 11205 11214 11209 11216 11208 11208	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets Tota 875 Core subjects Architectural Design: Forming Architectural History and Theory: Orientations Architectural Design: Architectural Communications Architectural Design: Making Architectural History and Theory: Modernity and Modernism Introduction to Construction and Structural Synthesis Architectural Design: Strategy Architectural History and Theory: Critique Architectural History and Theory: Critique Architectural History and Theory: Critique Architectural Design: Performance Thermal Design and Environmental Control Architectural Design and Construction	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	58324 58226 STM903 Free cho STM903 Free cho STM903 Free cho STM903 50190 STM903 Free cho STM903 STM903 STM903	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives. 884 Core subjects ice of electives. 885 Core subjects ice of electives. 886 Core subjects Professional Information Project 887 100-level disciplinary core subjects ice of electives. 888 Professional Experience stream (LLN) Professional Experience 2: Teaching and Learning in Context	8cp Total 36cp 8cp Total 68cp
16332 16333 16261 16335 16469 16468 16137 16267 16331 16345 16344 STM903 11211 11212 11205 11214 11209 11216 11208 11221 11222 11227 11225 11207	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets Tota 875 Core subjects Architectural Design: Forming Architectural History and Theory: Orientations Architectural Design: Architectural Communications Architectural Design: Making Architectural History and Theory: Modernity and Modernism Introduction to Construction and Structural Synthesis Architectural Design: Strategy Architectural History and Theory: Critique Architectural Design: Performance Thermal Design and Environmental Control Architectural Design and Construction Architectural Design and Construction Architectural Design: Field	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	58324 58226 STM903 Free cho	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives. 884 Core subjects ice of electives. 885 Core subjects ice of electives. 886 Core subjects Professional Information Project 887 100-level disciplinary core subjects ice of electives. 888 Professional Experience stream (LLN) Professional Experience 2: Teaching and Learning in Context 889 Core subjects ice of electives.	8cp Total 36cp 8cp Total 68cp
16332 16333 16261 16335 16469 16468 16137 16267 16331 16345 16344 STM903 11211 11212 11205 11214 11209 11216 11208 11221 11222 11227 11225 11207 11231	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets Tota 875 Core subjects Architectural Design: Forming Architectural History and Theory: Orientations Architectural Design: Architectural Communications Architectural Design: Making Architectural History and Theory: Modernity and Modernism Introduction to Construction and Structural Synthesis Architectural Design: Strategy Architectural History and Theory: Critique Architectural History and Theory: Critique Architectural History and Theory: Critique Architectural Design: Performance Thermal Design and Environmental Control Architectural Design and Construction	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	\$8324 58226 \$TM903 Free cho \$TM903 Free cho \$TM903 Free cho \$TM903 50190 \$TM903 Free cho \$TM903 Free cho \$TM903 Free cho \$TM903 Free cho	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives. 884 Core subjects ice of electives. 885 Core subjects ice of electives. 886 Core subjects Professional Information Project 887 100-level disciplinary core subjects ice of electives. 888 Professional Experience stream (LLN) Professional Experience 2: Teaching and Learning in Context 889 Core subjects ice of electives.	8cp Total 36cp 8cp Total 68cp
16332 16333 16261 16335 16469 16468 16137 16267 16331 16345 16344 STM903 11211 11212 11205 11214 11209 11216 11208 11221 11222 11227 11225 11207 11231	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets Tota 875 Core subjects Architectural Design: Forming Architectural History and Theory: Orientations Architectural Design: Architectural Communications Architectural Design: Making Architectural History and Theory: Modernity and Modernism Introduction to Construction and Structural Synthesis Architectural Design: Strategy Architectural Design: Performance Thermal Design and Environmental Control Architectural Design and Construction Architectural Design and Construction Architectural Design: Field Lighting, Acoustics and Advanced	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	\$8324 58226 \$TM903 Free cho \$TM903 Free cho \$TM903 Free cho \$TM903 50190 \$TM903 Free cho \$TM903 Free cho \$TM903 Free cho \$TM903 Free cho	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives. 884 Core subjects ice of electives. 885 Core subjects ice of electives. 886 Core subjects Professional Information Project 887 100-level disciplinary core subjects ice of electives. 888 Professional Experience stream (LLN) Professional Experience 2: Teaching and Learning in Context 889 Core subjects ice of electives.	8cp Total 36cp 8cp Total 68cp
16332 16333 16261 16335 16469 16468 16137 16267 16331 16345 16344 STM903 11211 11205 11214 11209 11216 11208 11221 11222 11227 11225 11227 11225 11207 11231 11232	Investment and Portfolio Statutory Valuation and Litigation Development Management Advanced Valuation Professional Practice Introduction to the Built Environment Digital Built Environment Property Title and Spatial Data Analysis Specialised Valuation Property Trusts and Funds Property Markets Tota 875 Core subjects Architectural Design: Forming Architectural History and Theory: Orientations Architectural Design: Architectural Communications Architectural Design: Making Architectural History and Theory: Modernity and Modernism Introduction to Construction and Structural Synthesis Architectural Design: Strategy Architectural Design: Strategy Architectural History and Theory: Critique Architectural Design: Performance Thermal Design and Environmental Control Architectural Design; Field Lighting, Acoustics and Advanced Environmental Control	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	\$8324 58226 \$TM903 Free cho \$TM903 Free cho \$TM903 Free cho \$TM903 50190 \$TM903 Free cho \$TM903 Free cho \$TM903 Free cho \$TM903 Free cho	Investigating Media, Reflective Practices Media, Mediation, Power 882 Core subjects ice of electives. 883 Core subjects ice of electives. 884 Core subjects ice of electives. 885 Core subjects ice of electives. 886 Core subjects Professional Information Project 887 100-level disciplinary core subjects ice of electives. 888 Professional Experience stream (LLN) Professional Experience 2: Teaching and Learning in Context 889 Core subjects ice of electives.	8cp Total 36cp 8cp Total 68cp

STM9039	71 Core subjects 1 (TESOL)		31281	Systems Development Project	12cp
015421	Language Teaching Methodology	6ср	31272	Project Management and the Professional	6cp
015253	Professional Experience 2: Teaching and Learning		31260	Interface Design	6cp
	in Context	6ср	35101	Introduction to Linear Dynamical Systems	6ср
	To	tal 24cp	35102	Introduction to Analysis and Multivariable	
			05111	Calculus	6ср
	22 Core subjects		35111 35140	Applications of Discrete Mathematics Introduction to Quantitative Management	6ср 6ср
023001	Psychology of Secondary Students	6ср	35151	Introduction to Statistics	6ср
023124	Professional Practice in the Secondary School	6ср	35353	Regression Analysis	6ср
023137	Professional Practice in Catering for Difference	,	35363	Stochastic Models	6cp
022120	and Special Needs	6ср	35383	High Performance Computing	6cp
023138	Social and Philosophical Aspects of Secondary Education	6ср	48440	Software Engineering Practice	6cp
		tal 24cp			Total 120cp
		r	CTM00/	02 Cana auhianta	
STM9039	3 Honours Thesis (Education)			03 Core subjects	
015428	Honours Thesis 1	6ср	Free choic	ce of electives.	
	of the following:	24cp	STM90/	04 Practicum (SpecEd) stream	
01542	` /		023111		8 cm
STMS	90368 Honours Thesis (PT) 24cj		023111	Practicum 1: Beginning Teaching Practicum 2: Developing Classroom	8cp
	10	otal 30cp	020112	Management Severophing Classroom	8ср
STM9039	94 Core subjects		023118	Practicum 8: Analysing Current Issues	· ·r
	e of electives.			in Australian Education	6ср
rice choic	e of electives.				Total 62cp
STM9039	75 Practicum stream		O=1.400.4		
023111	Practicum 1: Beginning Teaching	8ср		05 Core subjects (Design PG)	
023112	Practicum 2: Developing Classroom	···r	89301	Design Communication and Criticism	6cp
	Management	8ср	89302	Practice Management and Leadership	6cp
023118	Practicum 8: Analysing Current Issues	1	89303 89304	Client and User-centred Designing	6cp 6cp
	in Australian Education	6ср	09304	Social Change Design	Total 24cp
	To	tal 62cp			rotur 2 rep
CTMON20	24 Cara subjects		STM904	09 Facility Management subjects (PG)	
	% Core subjects	4	15321	Workplace Ecology	6ср
021311 024213	Computer-mediated Learning for Children English Education 3	4cp	15322	Engineering Services and Systems	6cp
024213	Science and Technology Education 1	6ср 4ср	15323	Development Management	6ср
020211		tal 88cp	15324	Facility Obsolescence	6ср
		Year or a F			Total 24cp
STM9039	77 Special Education stream		STM00/	10 Core subjects (Facility Management)	
023821	Special Education 1: Managing Challenging				1200
	Behaviours	6ср	15341 15342	Sustainable Development Environmental Design	12ср 12ср
023822	Special Education 2: Preventing and Remediatin		15343	Strategic Facility Planning	12cp
022022	Difficulties in Reading and Spelling	6ср	15344	Facility Performance	12cp
023823	Special Education 3: Educating Students who have Difficulties with Written Text	6cn		,	Total 48cp
023824	Special Education 4: Numeracy Instruction	6ср			-
020021	for Students with Learning Difficulties			11 Core subjects (Planning)	
	and Disabilities	6ср		Planning Theory and Decision Making	6ср
023825	Special Education 5: Educating Students with	•	15302	Major Project: Methods	6ср
	Moderate and High Support Needs	6ср	15303 15304	Major Project: Analysis Major Project: Outcomes	6cp
023826	Special Education 6: Educating Students with		15504	Major i Toject. Outcomes	6cp Total 24cp
	Delayed or Disordered Communication	6cp			rotur 21cp
	10	otal 36cp	STM904	12 Core subjects (Planning)	
STM9039	9 100-level core subjects (Journalism/Law	<i>(</i>)	15211	Planning Project Development Assessment	6ср
	e of electives.	•	15221	Urban Design and Management	6cp
			15231	Planning Project Implementation	6cp
STM9040	00 Humanities stream		15241	Urban Economics and Finance	6cp
STM90399	9 100-level core subjects (Journalism/Law)	24cp			Total 24cp
	B Electives (Journalism)	8cp	STM90/	13 Core subjects (Planning)	
	2 200-level professional choice: Journalism	16cp	15121		600
	3 300-level professional choice: Journalism	16cp	15111	Urban Analysis Planning Project Analysis	6ср 6ср
5110190363	3 Core subjects	36cp al 100cp	15141	Sustainable Development	6cp
	100	ат тооср	15131	Planning Project Visioning	6cp
STM9040	01 Law stream			0 ,	Total 24cp
	3 Core subjects (Law UG)	96cp	A=1.55	440	_
CBK90042		24cp		14 Core subjects (Property)	
	Options/PLT	24cp	17518	Advanced Property Development	6cp
	Tot	al 144cp	17704	Property Development Finance	6cp
CT1400/0	12 Cara subjects				Total 12cp
)2 Core subjects		STM904	15 Property Fundamentals subjects (PG)
48023	Programming Fundamentals Web Systems	6cp	12511	Building Technology and Regulation	6ср
31268 48024	Web Systems Applications Programming	6ср 6ср	12518	Property Transactions	6ср
31266	Introduction to Information Systems	6ср 6ср	17701	Environment and Control	6cp
31251	Data Structures and Algorithms	6ср	17771	Valuation Methodology	6ср
31271	Database Fundamentals	6cp			Total 24cp
31269	Business Requirements Modelling	6cp			

STM90416 Core subjects 2 (TESOL)

Free choice of electives.

STM90417 Core subjects

Free choice of electives.

STM90418 Core subjects

Free choice of electives.

STM90419 Core subjects

Free choice of electives.

STM90420 Core subjects

Free choice of electives.

STM90421 Core subjects

Free choice of electives.

STM90423 Core subjects

Free choice of electives.

STM90424 Core subjects

Free choice of electives.

STM90425 Core subjects

Free choice of electives.

STM90426 Core subjects

Free choice of electives.

STM90427 Core subjects

024903	Research Methodology	6ср
024914	Research Project	12cp
	,	Total 18cp

STM90428 Core subjects

Free choice of electives.

STM90429 Core subjects

015393	Psychology of Secondary Students	Зср
015394	Meeting Special Needs in the Secondary School	Зср
015421	Language Teaching Methodology	6ср
	Tota	1 42cp

STM90430 Honours subjects

Free choice of electives.

STM90431 Mathematics specialisation

Free choice of electives.

STM90432 Science and Technology specialisation

028411	Science and Technology Study 1:	
	The Human Body	6ср
028412	Science and Technology Study 2:	
	Science and Technology in Daily Life	6ср
028413	Science and Technology Study 3:	
	Issues in Science, Technology and Society	6ср
028414	Science and Technology Study 4: Planet Earth	6ср
	T	otal 24cp

STM90433 Educational Computing specialisation

021412	Educational Computing Study 2	6ср
		Total 24cp

STM90434 Education specialisation

023411	Education Study 1:	
	History of Australian Education	6ср
023412	Education Study 2: Value	6ср
023413	Education Study 3: Changing Schools	6ср
023414	Education Study 4: Educational Policy Studies	6ср
	Total	al 24cp

STM90435 International specialisation

029410	International Study	24cp
		Total 24cn

STM90436 English specialisation

024411	English Study 1: Shapes and Patterns in	
	Literary Narrative from Sendak to	
	Shakespeare	6ср
024412	English Study 2: Images of Australia, the	1
	Place and the People - Literary Representation	ons
	in Prose, Poetry and Drama	6ср
024413	English Study 3: The Literature of Protest	6ср
024414	English Study 4: Cultural and Textual	1
	Cross-currents	6ср
		Total 24cp

STM90437 Human Society and its Environment specialisation

022203	HSIE Study 2: Conflicts and Resolutions	6ср
022204	HSIE Study 3: Multicultural Australia in its	
	Asia-Pacific Regional Context, Implications for	
	Teaching	6ср
022210	HSIE Study 4: Family History in its Social	•
	Context	6ср
023200	HSIE Study 1: Social Issues and Social Action	6ср
	T	otal 24cp

STM90438 Languages specialisation

Select 24 credit points from the following options:		24cp
CBK90494 Chinese Language and Culture	24cp	-
CBK90495 Japanese Language and Culture	24cp	
CBK90497 French Language and Culture	24cp	
CBK90498 Spanish Language and Culture	24cp	
CBK90499 German Language and Culture	24cp	
CBK90500 Italian Language and Culture	24cp	
	Tota	1 24cn

STM90439 PDHPE specialisation

027411	PDHPE Study 1: Theory and Practice of	
	Personal Development Health and Physical	
	Education and Support	6ср
027412	Personal Development Health and Physical	-
	Education: Teachers and Physical Activity	6ср
027413	Specialisation Study 3: Issues in Personal	_
	Development, Health and Physical Education	6ср
	-	Total 24cp

STM90440 Art specialisation

020411	Art Study 1: People in Art	6ср
020412	Art Study 2: A Sense of Place	6ср
020413	Art Study 3: Stories, Myths and Truth	6ср
020414	Art Study 4: Design and Power	6cp
	, ,	Total 24cp

STM90441 Children's Theatre and the Creative Arts specialisation

024421	Children's Theatre and the Creative Arts 1:	
	Overview of World Theatre, Production Roles	,
	Script Writing	6ср
024422	Children's Theatre and Creative Arts Study 2:	-
	Acting and Performing Skills - Genres for	
	Children	6ср
024423	Children's Theatre and Creative Arts Study 3:	-
	Production and Direction	6ср
024424	Children's Theatre and Creative Arts 4:	1
	Staging Performances	6ср
		Total 24cp

STM90442 Music specialisation

026411	Music Study 1	6ср
026412	Music Study 2	6cp
	,	Total 24cp

STM90443 Practicum stream

023112	Practicum 2: Developing Classroom	
	Management	8ср
023118	Practicum 8: Analysing Current Issues	_
	in Australian Education	6ср
023111	Practicum 1: Beginning Teaching	8ср
	- 0	Total 54cp

STM90444 100-level disciplinary core subjects (MAP/Law)

Free choice of electives.

STM90445 Humanities stream		STM904	57 Honours subjects (SpecEd) final year	
STM90444 100-level disciplinary core subjects (MAP/Law)	24cp	023625	Research Seminar	6ср
CBK90014 200-level disciplinary choice: Cultural Studies	8cp	023628	Advanced Studies in Special Education 1:	mad.
CBK90015 300-level disciplinary choice: Cultural Studies CBK90024 200-level professional choice: Media Arts and	8cp		Educating Students with Delayed or Disorde Communication	rea 6cp
Production	16cp	023629	Advanced Studies in Special Education 2:	···r
CBK90025 300-level professional choice: Media Arts and	16		Numeracy Instruction for Students with Lear	
Production STM90384 Core subjects	16ср 12ср		Difficulties and Disabilities	6cp Total 48cp
CBK90314 Electives (Media Arts and Production)	8cp			rotar rocp
CBK90745 200/300-level disciplinary choice	8cp		558 PLT stream	
Tot	al 100cp	75412 75402	Legal Skills	6cp
STM90446 Social Inquiry/Law stream		75402 75403	Property Transactions Commercial and Estate Practice	6ср 6ср
Free choice of electives.		75413	Advocacy	6cp
CTM00//7 Unmanities stream		75420	Ethics and Professional Conduct	6ср
STM90447 Humanities stream STM90446 Social Inquiry / Law stream	24cp	75421 75411	Civil Litigation Practical Experience	6ср 0ср
CBK90016 200-level disciplinary choice:	24cp	,0111	Tructicul Experience	Total 36cp
Social, Political, Historical Studies	8cp	CTM00/	//0 0	•
CBK90017 300-level disciplinary choice:	0 000		663 Core subjects	600
Social, Political, Historical Studies CBK90315 Electives (Social Inquiry)	8ср 8ср	49003 49002	Economic Evaluation Managing Projects	6ср 6ср
CBK90030 200-level professional choice: Social Inquiry	8cp	49309	Quality Planning and Analysis	6cp
CBK90032 300-level professional choice: Social Inquiry	0	49004	Systems Engineering for Managers	6cp
Block A CBK90033 300-level professional choice: Social Inquiry	8ср			Total 36cp
Block B	8ср	STM904	664 MBA stream	
STM90382 Core subjects	28cp	21800	Management and Organisations	6ср
Tot	al 100cp	23706	Economics for Management	6cp
STM90448 100-level core subjects (Public		24734 25742	Marketing Management Financial Management	6ср 6ср
Communication/Law)		21878	Organisational Dialogue: Theory and Practice	е 6ср
Free choice of electives.		21715	Strategic Management	6ср
CTM00//0 Humanitian atmans		Select 12 49006	credit points from the following options: Risk Management in Engineering	12cp 6cp
STM90449 Humanities stream STM90448 100-level core subjects		49013	Managing Information Technology in	оср
(Public Communication/Law)	24cp	1000	Engineering	6ср
CBK90316 Electives (Public Communication)	8cp	49306	Quality and Operations Management Systems	6ср
STM90381 Core subjects CBK90451 Professional choice: Public Communication	36ср 32ср	49016	Technology and Innovation	оср
	tal 100cp		Management	6ср
	1			Total 48cp
STM90450 100-level core subjects (Writing and Cult	tural	STM904	65 MEM stream	
Studies/Law) Free choice of electives.		49001	Judgment and Decision Making	6ср
The choice of electives.		22747	Accounting for Managerial Decisions	6cp
STM90451 Humanities stream		21844 49002	Managing Work and People Managing Projects	6ср 6ср
STM90450 100-level core subjects		49004	Systems Engineering for Managers	6cp
(Writing and Cultural Studies/Law) CBK90014 200-level disciplinary choice: Cultural Studies	24cp	49309	Quality Planning and Analysis	6cp
CBK90317 Electives (Writing and Cultural Studies)	8ср 8ср	Select 12 49006	credit points from the following options: Risk Management in Engineering	12cp 6cp
CBK90034 200-level professional choice: Writing	16cp	49013	Managing Information Technology in	ocp
CBK90035 300-level professional choice: Writing	16cp	1000	Engineering	6ср
STM90385 Core subjects CBK90015 300-level disciplinary choice: Cultural Studies	12ср 8ср	49306	Quality and Operations Management Systems	6ср
CBK90745 200/300-level disciplinary choice	8cp	49016	Technology and Innovation	оср
Tot	al 100cp		Management	6ср
STM90452 100-level disciplinary core subjects				Total 48cp
Free choice of electives.		STM904	666 Human-centred Design	
CTM00/F2 Humanitian atmans		32509	Interaction Design	6ср
STM90453 Humanities stream	24 cm		credit points from the following options:	18cp
STM90452 100-level disciplinary core subjects STM90386 Core subjects	24cp 68cp	32405 32027	User-Centred Design Methods Multimedia Systems Design	6cp 6cp
CBK90318 Electives	8cp	32029	Interactive Arts	6ср
Tot	tal 100cp			Total 24cp
STM90454 Subjects credited from C10206		STM904	667 Data Mining	
Free choice of electives.		32130	Fundamentals of Data Analytics	6ср
CTM00/E/ Cubiosts and ited from 040007			credit points from the following options:	18cp
STM90456 Subjects credited from C10207 Free choice of electives.		32131 32146	Data Mining and Visualisation Data Visualisation and Visual Analytics	6cp 6cp
THE CHOICE OF EIECHVES.		32513	Advanced Data Mining Algorithms	6ср
		32133	e-Market Trading Technology	6ср
		32530	Building Intelligent Agents	6cp Total 24cp
				20tai 21CP

STM90	468 Software Engineering			STM904	76 IT Management	
	3 credit points from the following options:	1	.8ср	32147	Introduction to IT Management	6ср
32148	Enterprise Computing	6ср	оср		credit points from the following options:	24cp
32536	Advanced Software Modelling			32208	Information Systems Strategy	
32336		6cp				6cp
	Agile Method Engineering	6cp		32541	Project Management	6ср
32535	Database in Distributed Environments	6cp		49016	Technology and Innovation	(
32039	Recent Advances in Software Engineering	6ср		22/02	Management	6cp
32570	Enterprise Software Architecture and	,		32603	Systems Quality Management	6ср
22554	Middleware	6cp		32027	Multimedia Systems Design	6ср
32571	Enterprise Software Testing	6ср		32029	Interactive Arts	6ср
		Total 2	24cp	32509	Interaction Design	6ср
				32531	Global Information Systems	6ср
STM90	469 IT Management			32990	IT Contracts and Outsourcing	6ср
32147	Introduction to IT Management		6ср	32995	People Management for IT	6ср
Select 18	3 credit points from the following options:		.8ср			Total 30cp
32208	Information Systems Strategy	6ср	1			
32541	Project Management	6cp		STM904	77 e-Business Technology	
49016	Technology and Innovation	I		32120	Introduction to e-Business Technology	6ср
	Management	6ср		32516	Internet Programming	6cp
32603	Systems Quality Management	6cp		32549	Advanced Internet Programming	6cp
32027	Multimedia Systems Design	6ср		32148	Enterprise Computing	6ср
32029	Interactive Arts	6ср		32525	Web Services Technologies and Applications	6ср
32509	Interaction Design	6ср		02020	vveb services rectitorogies and rippileadons	Total 30cp
32531	Global Information Systems					iotai socp
32990		6cp		CTM00/	70 Computer Graphics and Gamina	
	IT Contracts and Outsourcing	6cp			79 Computer Graphics and Gaming	
32995	People Management for IT	6cp	11	32501	Computer Graphics	6ср
		Total 2	4cp	32543	3D Animation	6ср
CT1400	/50 D : T			32544	Advanced Image Synthesis Techniques	6ср
51M90	470 e-Business Technology			32003	Computer Game Design	6ср
32120	Introduction to e-Business Technology		6ср	32004	Game Programming	6ср
Select 18	3 credit points from the following options:	1	.8ср			Total 30cp
32516	Internet Programming	6ср	-			*
32549	Advanced Internet Programming	6ср		STM904	82 Third-year subjects	
32148	Enterprise Computing	6ср		92282	Australian Health Care System	6ср
32525	Web Services Technologies and	1		92283	Challenges in Midwifery Practice	6cp
	Applications	6ср		92284	Rural Midwifery Practice	6ср
32013	.NET Enterprise Development	6cp		92285	Collaborative Midwifery Practice	6ср
32530	Building Intelligent Agents	6cp		92286	International Perspectives in Midwifery	6ср
02000	Danamig Intelligent rigents	Total 2	4cn	92287		
		10111 2	· rep		Midwifery Caseload Practice	6cp
STMON	472 Computer Graphics and Gaming			92288	Focused Midwifery Practice	6ср
			,	92923	Continuity of Midwifery Care	6cp
32501	Computer Graphics		6ср			Total 48cp
32543	3D Animation		6ср	CT1400/	20.0	
32544	Advanced Image Synthesis Techniques		6ср		83 Core subjects	
	credit points from the following options:		6ср	013953	Adult Learning in Context	6ср
32003	Computer Game Design	6ср		013954	Program Design	6ср
32004	Game Programming	6ср		013955	Assessing Learning	6ср
		Total 2	24ср	013977	Teaching and Learning in Practice	6cp
				013970	Using Information Technology for Learning	6cp
STM90	473 Human-centred Design			013959	Communication and Learning	6cp
32509	Interaction Design		6ср	013978	Research and Inquiry	6cp
	credit points from the following options:		4cp	013982	Aboriginal Cultures	6cp
32405	User-Centred Design Methods	6ср	····	010702	Tibolightar Cartares	Total 48cp
32027	Multimedia Systems Design	6ср				rotar rocp
32029	Interactive Arts	6ср		STM904	84 Master's option without project	
0202)	interactive 711to	Total 3	ROcn.			0
		10tai 5	оср	57182	Rethinking Media	8cp
CTMOO	/7/ Data Mining			CBK9034	8 Electives	8cp
	474 Data Mining					Total 16cp
32130	Fundamentals of Data Analytics		6ср			
		2	.4cp	STM904	89 Clinical Accreditation Program (SLHD	J
32131	credit points from the following options:				5 .	
32146	Data Mining and Visualisation	6ср		92869	Specialty Clinical Practice	
00510		6ср		92869		6ср
32513	Data Mining and Visualisation			92869		
32513	Data Mining and Visualisation Data Visualisation and Visual Analytics	6ср 6ср	80ср		Specialty Clinical Practice	6cp Total 6cp
32513	Data Mining and Visualisation Data Visualisation and Visual Analytics	6ср 6ср 6ср	80ср	STM904	Specialty Clinical Practice 90 Clinical Accreditation Program (NSLH)	6cp Total 6cp
	Data Mining and Visualisation Data Visualisation and Visual Analytics Advanced Data Mining Algorithms	6ср 6ср 6ср	30ср		Specialty Clinical Practice	6cp Total 6cp D)
STM90	Data Mining and Visualisation Data Visualisation and Visual Analytics Advanced Data Mining Algorithms 475 Software Engineering	6cp 6cp 6cp Total 3		STM904	Specialty Clinical Practice 90 Clinical Accreditation Program (NSLH)	6cp Total 6cp
STM904 Select 24	Data Mining and Visualisation Data Visualisation and Visual Analytics Advanced Data Mining Algorithms 475 Software Engineering A credit points from the following options:	6cp 6cp 6cp Total 3	80cp 9.4cp	STM904 92869	90 Clinical Accreditation Program (NSLH Specialty Clinical Practice	6cp Total 6cp D)
STM90 4 Select 24 32148	Data Mining and Visualisation Data Visualisation and Visual Analytics Advanced Data Mining Algorithms 475 Software Engineering A credit points from the following options: Enterprise Computing	6cp 6cp 6cp Total 3		STM904 92869 STM904	90 Clinical Accreditation Program (NSLH Specialty Clinical Practice 91 No specified major	6cp Total 6cp D) 6cp Total 6cp
STM90 4 Select 24 32148 32536	Data Mining and Visualisation Data Visualisation and Visual Analytics Advanced Data Mining Algorithms 475 Software Engineering I credit points from the following options: Enterprise Computing Advanced Software Modelling	6cp 6cp 6cp Total 3		STM904 92869 STM904 CBK9054	90 Clinical Accreditation Program (NSLH Specialty Clinical Practice 91 No specified major 9 Options	6cp Total 6cp D) 6cp Total 6cp
STM90 4 Select 24 32148 32536 32106	Data Mining and Visualisation Data Visualisation and Visual Analytics Advanced Data Mining Algorithms 475 Software Engineering I credit points from the following options: Enterprise Computing Advanced Software Modelling Agile Method Engineering	6cp 6cp 6cp Total 3		STM904 92869 STM904 CBK9054	90 Clinical Accreditation Program (NSLH Specialty Clinical Practice 91 No specified major	6cp Total 6cp D) 6cp Total 6cp 36cp 12cp
STM90 4 Select 24 32148 32536 32106 32535	Data Mining and Visualisation Data Visualisation and Visual Analytics Advanced Data Mining Algorithms 475 Software Engineering I credit points from the following options: Enterprise Computing Advanced Software Modelling Agile Method Engineering Database in Distributed Environments	6cp 6cp 6cp Total 3		STM904 92869 STM904 CBK9054	90 Clinical Accreditation Program (NSLH Specialty Clinical Practice 91 No specified major 9 Options	6cp Total 6cp D) 6cp Total 6cp
STM90 4 Select 24 32148 32536 32106	Data Mining and Visualisation Data Visualisation and Visual Analytics Advanced Data Mining Algorithms 475 Software Engineering I credit points from the following options: Enterprise Computing Advanced Software Modelling Agile Method Engineering	6cp 6cp 6cp Total 3	4ср	STM904 92869 STM904 CBK9054 STM9064	90 Clinical Accreditation Program (NSLH Specialty Clinical Practice 91 No specified major 9 Options 5 Core subjects	6cp Total 6cp D) 6cp Total 6cp 36cp 12cp
STM90 4 Select 24 32148 32536 32106 32535	Data Mining and Visualisation Data Visualisation and Visual Analytics Advanced Data Mining Algorithms 475 Software Engineering I credit points from the following options: Enterprise Computing Advanced Software Modelling Agile Method Engineering Database in Distributed Environments	6cp 6cp 6cp Total 3	4ср	STM904 92869 STM904 CBK9054 STM9064	90 Clinical Accreditation Program (NSLH Specialty Clinical Practice 91 No specified major 9 Options	6cp Total 6cp D) 6cp Total 6cp 36cp 12cp
STM90 4 Select 24 32148 32536 32106 32535	Data Mining and Visualisation Data Visualisation and Visual Analytics Advanced Data Mining Algorithms 475 Software Engineering I credit points from the following options: Enterprise Computing Advanced Software Modelling Agile Method Engineering Database in Distributed Environments	6cp 6cp 6cp Total 3	4ср	STM904 92869 STM904 CBK9054 STM9064	90 Clinical Accreditation Program (NSLH Specialty Clinical Practice 91 No specified major 9 Options 5 Core subjects	6cp Total 6cp D) 6cp Total 6cp 36cp 12cp
STM90 4 Select 24 32148 32536 32106 32535	Data Mining and Visualisation Data Visualisation and Visual Analytics Advanced Data Mining Algorithms 475 Software Engineering I credit points from the following options: Enterprise Computing Advanced Software Modelling Agile Method Engineering Database in Distributed Environments	6cp 6cp 6cp Total 3	4ср	STM904 92869 STM904 CBK9054 STM9064 STM9064	90 Clinical Accreditation Program (NSLH Specialty Clinical Practice 91 No specified major 9 Options 5 Core subjects 92 No specified major	6cp Total 6cp D) 6cp Total 6cp 36cp 12cp Total 48cp
STM90 4 Select 24 32148 32536 32106 32535	Data Mining and Visualisation Data Visualisation and Visual Analytics Advanced Data Mining Algorithms 475 Software Engineering I credit points from the following options: Enterprise Computing Advanced Software Modelling Agile Method Engineering Database in Distributed Environments	6cp 6cp 6cp Total 3	4ср	STM904 92869 STM904 CBK9054 STM9064 STM9064	90 Clinical Accreditation Program (NSLH Specialty Clinical Practice 91 No specified major 9 Options 5 Core subjects 92 No specified major 9 Options	Total 6cp Total 6cp 6cp Total 6cp 36cp 12cp Total 48cp 36cp

2 I M 2 N 4	93 Structures stream		STM905	05 Minor project + electives stream	
48349	Structural Analysis	6ср	15301	Planning Theory and Decision Making	6ср
48366	Steel and Timber Design	6cp	15345	Minor Project	6ср
48353	Concrete Design	6cp		credit points from the following options:	12cp
48371	Advanced Engineering Computing	6cp	171200	Conservation and Heritage	6ср
48389	Computer Modelling and Design	6cp	17551	Property Market and Risk Analysis	6cp
48370	redit points from the following options: Road and Transport Engineering	6ср 6ср	17704 15251	Property Development Finance Spatial Analysis in Planning and Property	6ср 6ср
48350	Environmental and Sanitation Engineering		17774	Green Building Evaluation	6cp
		Total 36cp	17775	Land Acquisition Statutory Valuation and	· · · r
CT1400/				Litigation	6cp
	694 Construction stream	(12535	Valuation Application	6cp Total 24cp
48349 48353	Structural Analysis Concrete Design	6ср 6ср			10tai 24cp
16912	Site Management	6ср	STM905	06 Latino USA: Specialist Country Studi	es stream
16265	Construction Technology 2	6cp	976502	Contemporary Latin(o) Americas	8ср
	credit points from the following options:	12cp	CBK9049	1 Spanish Language and Culture	16cp
16314	Construction Technology 3	6ср			Total 24cp
16913 16422	Time and Quality Management	6cp	STMONE	07 Quebec: Specialist Country Studies s	troam
48850	Construction Technology 4 Environmental Planning and Law	6ср 6ср	976602	Contemporary Canada (Quebec)	
48370	Road and Transport Engineering	6ср		0 French Language and Culture	8ср 16ср
	1 0 0	Total 36cp	CDICOTO	o Trenen Banguage and Cunture	Total 24cp
CTM00/	96 Civil stream		CTMOOF	(O. Codles de de (Franch) Considiat Ossa	
48349	Structural Analysis	6ср		08 Switzerland (French): Specialist Cou	ntry
48366	Steel and Timber Design	6ср	Studies		0
48353	Concrete Design	6cp	976404 CRK9040	Contemporary Switzerland O French Language and Culture	8ср 16ср
48370	Road and Transport Engineering	6cp	CDK9045	o Hench Language and Culture	Total 24cp
48350	Environmental and Sanitation Engineering				тош 21ср
48389	Computer Modelling and Design	6cp Total 36cp	STM905	09 Switzerland (German): Specialist Co	untry
		10таг зоср	Studies	stream	
STM904	98 Exchange electives		976404	Contemporary Switzerland	8cp
979501	Exchange Elective 1	6ср	CBK9049	2 German Language and Culture	16cp
979502	Exchange Elective 2	6cp			Total 24cp
979503	Exchange Elective 3	6cp	STM905	10 Alternative to PLT	
979504	Exchange Elective 4	6cp Total 24cp	75420	Ethics and Professional Conduct	6ср
		10tai 24cp	75421	Civil Litigation	6cp
STM904	99 Exchange electives			credit points from the following options:	12cp
979505	Exchange Elective 5	8ср	76002	Sports Law	6ср
979506	Exchange Elective 6	8cp	76003 76005	Asian Law and Legal Systems Islamic Law	6cp
979507	Exchange Elective 7	8cp	76005	Public International Law	6ср 6ср
		Total 24cp	76007	International Human Rights Law	6ср
STM905	000 Core subjects (Information and Medi	a)	76008	Jurisprudence	6ср
50190	Professional Information Project	8ср	76012	Criminology	6ср
	,	Total 68cp	76015 76016	Labour Law Advanced Revenue Law	6ср 6ср
			76023	Deceptive Trade Practices and Product	оср
	601 Humanities stream			Liability	6ср
	52 100-level disciplinary core subjects	24cp	76024	Environmental Law	6ср
	00 Core subjects (Information and Media)	68cp			
CDIC/001	IX HIACTIVAS		76027	Competition Law	6ср
	18 Electives	8cp	76039	Jessup International Moot	6ср
		8cp Total 100cp	76039 76040	Jessup International Moot Research Thesis	
STM905	io Electives O2 Core subjects (Property and Planning	8cp Total 100cp	76039	Jessup International Moot Research Thesis Electronic Communications Content	6ср 6ср
15142	502 Core subjects (Property and Planning Introduction to Property and Planning	8cp Total 100cp	76039 76040	Jessup International Moot Research Thesis	6ср
15142 15146	502 Core subjects (Property and Planning Introduction to Property and Planning Sustainable Urban Development	8cp Total 100cp g) 6cp 6cp	76039 76040 76042 76045 76047	Jessup International Moot Research Thesis Electronic Communications Content Regulation Medicine and Law Advanced Contracts	6cp 6cp 6cp 6cp 6cp
15142 15146 17700	502 Core subjects (Property and Planning Introduction to Property and Planning Sustainable Urban Development Planning and Environmental Law	8cp Total 100cp g) 6cp 6cp 6cp	76039 76040 76042 76045 76047 76048	Jessup International Moot Research Thesis Electronic Communications Content Regulation Medicine and Law Advanced Contracts Citizenship and Immigration Law	6cp 6cp 6cp 6cp 6cp 6cp
15142 15146 17700 Select on	502 Core subjects (Property and Planning Introduction to Property and Planning Sustainable Urban Development Planning and Environmental Law te of the following:	8cp Total 100cp g) 6cp 6cp 6cp 6cp	76039 76040 76042 76045 76047 76048 76052	Jessup International Moot Research Thesis Electronic Communications Content Regulation Medicine and Law Advanced Contracts Citizenship and Immigration Law Dispute Resolution Advocacy	6cp 6cp 6cp 6cp 6cp 6cp 6cp
15142 15146 17700	502 Core subjects (Property and Planning Introduction to Property and Planning Sustainable Urban Development Planning and Environmental Law te of the following: Valuation Application	8cp Total 100cp g) 6cp 6cp 6cp 6cp 6cp	76039 76040 76042 76045 76047 76048 76052 76053	Jessup International Moot Research Thesis Electronic Communications Content Regulation Medicine and Law Advanced Contracts Citizenship and Immigration Law Dispute Resolution Advocacy Industrial Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp
15142 15146 17700 Select on 1253	502 Core subjects (Property and Planning Introduction to Property and Planning Sustainable Urban Development Planning and Environmental Law te of the following: Valuation Application	8cp Total 100cp g) 6cp 6cp 6cp 6cp	76039 76040 76042 76045 76047 76048 76052	Jessup International Moot Research Thesis Electronic Communications Content Regulation Medicine and Law Advanced Contracts Citizenship and Immigration Law Dispute Resolution Advocacy	6cp 6cp 6cp 6cp 6cp 6cp 6cp
15142 15146 17700 Select on 1253 1522	Introduction to Property and Planning Sustainable Urban Development Planning and Environmental Law ee of the following: Valuation Application Urban Design	8cp Total 100cp g) 6cp 6cp 6cp 6cp 6cp 6cp	76039 76040 76042 76045 76047 76048 76052 76053 76063 76066 76068	Jessup International Moot Research Thesis Electronic Communications Content Regulation Medicine and Law Advanced Contracts Citizenship and Immigration Law Dispute Resolution Advocacy Industrial Law Media Law Children and the Law Indigenous Peoples and the Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
15142 15146 17700 Select on 1253 1522 STM905	502 Core subjects (Property and Planning Introduction to Property and Planning Sustainable Urban Development Planning and Environmental Law se of the following: 35 Valuation Application 22 Urban Design	8cp Total 100cp g) 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp	76039 76040 76042 76045 76047 76048 76052 76053 76063 76066 76068 76069	Jessup International Moot Research Thesis Electronic Communications Content Regulation Medicine and Law Advanced Contracts Citizenship and Immigration Law Dispute Resolution Advocacy Industrial Law Media Law Children and the Law Indigenous Peoples and the Law Community Justice Studies	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
15142 15146 17700 Select on 1253 1522 STM905 15143	Introduction to Property and Planning Sustainable Urban Development Planning and Environmental Law ee of the following: 35 Valuation Application 22 Urban Design 603 Level 2 core subjects (Planning) Group Project A: Urban Renewal	8cp Total 100cp g) 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp	76039 76040 76042 76045 76047 76048 76052 76053 76063 76066 76068 76069 76070	Jessup International Moot Research Thesis Electronic Communications Content Regulation Medicine and Law Advanced Contracts Citizenship and Immigration Law Dispute Resolution Advocacy Industrial Law Media Law Children and the Law Indigenous Peoples and the Law Community Justice Studies Biomedical Law and Bioethics	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
15142 15146 17700 Select on 1253 1522 STM905 15143 15145	502 Core subjects (Property and Planning Introduction to Property and Planning Sustainable Urban Development Planning and Environmental Law se of the following: 35 Valuation Application 22 Urban Design 503 Level 2 core subjects (Planning) Group Project A: Urban Renewal Development Negotiation	8cp Total 100cp g) 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp	76039 76040 76042 76045 76047 76048 76052 76053 76063 76066 76068 76069 76070 76074	Jessup International Moot Research Thesis Electronic Communications Content Regulation Medicine and Law Advanced Contracts Citizenship and Immigration Law Dispute Resolution Advocacy Industrial Law Media Law Children and the Law Indigenous Peoples and the Law Community Justice Studies Biomedical Law and Bioethics Australian Civil Liberties Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
15142 15146 17700 Select on 1253 1522 STM905 15143	Introduction to Property and Planning Sustainable Urban Development Planning and Environmental Law ee of the following: 35 Valuation Application 22 Urban Design 603 Level 2 core subjects (Planning) Group Project A: Urban Renewal	8cp Total 100cp g) 6cp 6cp 6cp 6cp 6cp 6cp Total 24cp	76039 76040 76042 76045 76047 76048 76052 76053 76063 76066 76068 76069 76070	Jessup International Moot Research Thesis Electronic Communications Content Regulation Medicine and Law Advanced Contracts Citizenship and Immigration Law Dispute Resolution Advocacy Industrial Law Media Law Children and the Law Indigenous Peoples and the Law Community Justice Studies Biomedical Law and Bioethics	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
15142 15146 17700 Select on 1253 1522 STM905 15143 15145	502 Core subjects (Property and Planning Introduction to Property and Planning Sustainable Urban Development Planning and Environmental Law se of the following: 35 Valuation Application 22 Urban Design 503 Level 2 core subjects (Planning) Group Project A: Urban Renewal Development Negotiation	8cp Total 100cp 6cp 6cp 6cp 6cp 6cp Total 24cp	76039 76040 76042 76045 76047 76048 76052 76053 76063 76066 76068 76069 76070 76074 76075	Jessup International Moot Research Thesis Electronic Communications Content Regulation Medicine and Law Advanced Contracts Citizenship and Immigration Law Dispute Resolution Advocacy Industrial Law Media Law Children and the Law Indigenous Peoples and the Law Community Justice Studies Biomedical Law and Bioethics Australian Civil Liberties Law Contemporary Legal Studies 1 Contemporary Legal Studies 2 Finance Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
15142 15146 17700 Select on 1253 1522 STM905 15143 15145 15241	502 Core subjects (Property and Planning Introduction to Property and Planning Sustainable Urban Development Planning and Environmental Law se of the following: 35 Valuation Application 22 Urban Design 503 Level 2 core subjects (Planning) Group Project A: Urban Renewal Development Negotiation	8cp Total 100cp 6cp 6cp 6cp 6cp 6cp Total 24cp	76039 76040 76042 76045 76047 76048 76052 76053 76063 76066 76069 76070 76074 76075 76076 76080 76115	Jessup International Moot Research Thesis Electronic Communications Content Regulation Medicine and Law Advanced Contracts Citizenship and Immigration Law Dispute Resolution Advocacy Industrial Law Media Law Children and the Law Indigenous Peoples and the Law Community Justice Studies Biomedical Law and Bioethics Australian Civil Liberties Law Contemporary Legal Studies 1 Contemporary Legal Studies 2 Finance Law Insolvency	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
15142 15146 17700 Select on 1253 1522 STM905 15143 15145 15241 STM905 15301	Introduction to Property and Planning Sustainable Urban Development Planning and Environmental Law se of the following: Valuation Application Urban Design SO3 Level 2 core subjects (Planning) Group Project A: Urban Renewal Development Negotiation Urban Economics and Finance SO4 Major Project stream Planning Theory and Decision Making	8cp Total 100cp g) 6cp 6cp 6cp 6cp 6cp Total 24cp 6cp 6cp 6cp 6cp 6cp	76039 76040 76042 76045 76047 76048 76052 76053 76066 76068 76070 76074 76075 76076 76080 76115 76516	Jessup International Moot Research Thesis Electronic Communications Content Regulation Medicine and Law Advanced Contracts Citizenship and Immigration Law Dispute Resolution Advocacy Industrial Law Media Law Children and the Law Indigenous Peoples and the Law Community Justice Studies Biomedical Law and Bioethics Australian Civil Liberties Law Contemporary Legal Studies 1 Contemporary Legal Studies 2 Finance Law Insolvency Family Law	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
15142 15146 17700 Select on 1253 1522 STM905 15143 15145 15241 STM905 15301 15302	Introduction to Property and Planning Sustainable Urban Development Planning and Environmental Law se of the following: The Valuation Application Urban Design Urban Design Urban Project A: Urban Renewal Development Negotiation Urban Economics and Finance Urban Project stream Planning Theory and Decision Making Major Project: Methods	8cp Total 100cp g) 6cp 6cp 6cp 6cp 6cp Total 24cp 6cp 6cp 6cp 6cp	76039 76040 76042 76045 76047 76048 76052 76053 76066 76068 76070 76074 76075 76076 76080 76115 76516	Jessup International Moot Research Thesis Electronic Communications Content Regulation Medicine and Law Advanced Contracts Citizenship and Immigration Law Dispute Resolution Advocacy Industrial Law Media Law Children and the Law Indigenous Peoples and the Law Community Justice Studies Biomedical Law and Bioethics Australian Civil Liberties Law Contemporary Legal Studies 1 Contemporary Legal Studies 2 Finance Law Insolvency Family Law Succession	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
15142 15146 17700 Select on 1253 1522 STM905 15143 15145 15241 STM905 15301 15302 15303	Introduction to Property and Planning Sustainable Urban Development Planning and Environmental Law se of the following: So Valuation Application Urban Design Gos Level 2 core subjects (Planning) Group Project A: Urban Renewal Development Negotiation Urban Economics and Finance Gos Major Project stream Planning Theory and Decision Making Major Project: Methods Major Project: Analysis	8cp Total 100cp g) 6cp 6cp 6cp 6cp 7otal 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	76039 76040 76042 76045 76047 76048 76052 76053 76066 76068 76070 76074 76075 76076 76080 76115 76516	Jessup International Moot Research Thesis Electronic Communications Content Regulation Medicine and Law Advanced Contracts Citizenship and Immigration Law Dispute Resolution Advocacy Industrial Law Media Law Children and the Law Indigenous Peoples and the Law Community Justice Studies Biomedical Law and Bioethics Australian Civil Liberties Law Contemporary Legal Studies 1 Contemporary Legal Studies 2 Finance Law Insolvency Family Law Succession Intellectual Property and Traditional	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
15142 15146 17700 Select on 1253 1522 STM905 15143 15145 15241 STM905 15301 15302	Introduction to Property and Planning Sustainable Urban Development Planning and Environmental Law se of the following: The Valuation Application Urban Design Urban Design Urban Project A: Urban Renewal Development Negotiation Urban Economics and Finance Urban Project stream Planning Theory and Decision Making Major Project: Methods	8cp Total 100cp g) 6cp 6cp 6cp 6cp Total 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	76039 76040 76042 76045 76047 76048 76052 76053 76066 76068 76070 76074 76075 76076 76080 76115 76516	Jessup International Moot Research Thesis Electronic Communications Content Regulation Medicine and Law Advanced Contracts Citizenship and Immigration Law Dispute Resolution Advocacy Industrial Law Media Law Children and the Law Indigenous Peoples and the Law Community Justice Studies Biomedical Law and Bioethics Australian Civil Liberties Law Contemporary Legal Studies 1 Contemporary Legal Studies 2 Finance Law Insolvency Family Law Succession	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
15142 15146 17700 Select on 1253 1522 STM905 15143 15145 15241 STM905 15301 15302 15303	Introduction to Property and Planning Sustainable Urban Development Planning and Environmental Law se of the following: So Valuation Application Urban Design Gos Level 2 core subjects (Planning) Group Project A: Urban Renewal Development Negotiation Urban Economics and Finance Gos Major Project stream Planning Theory and Decision Making Major Project: Methods Major Project: Analysis	8cp Total 100cp g) 6cp 6cp 6cp 6cp 7otal 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	76039 76040 76042 76045 76047 76048 76052 76053 76063 76066 76068 76070 76074 76075 76076 76080 76115 76516 76517 76521	Jessup International Moot Research Thesis Electronic Communications Content Regulation Medicine and Law Advanced Contracts Citizenship and Immigration Law Dispute Resolution Advocacy Industrial Law Media Law Children and the Law Indigenous Peoples and the Law Community Justice Studies Biomedical Law and Bioethics Australian Civil Liberties Law Contemporary Legal Studies 1 Contemporary Legal Studies 2 Finance Law Insolvency Family Law Succession Intellectual Property and Traditional Knowledge Indigenous Peoples, the Environment and	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
15142 15146 17700 Select on 1253 1522 STM905 15143 15145 15241 STM905 15301 15302 15303	Introduction to Property and Planning Sustainable Urban Development Planning and Environmental Law se of the following: So Valuation Application Urban Design Gos Level 2 core subjects (Planning) Group Project A: Urban Renewal Development Negotiation Urban Economics and Finance Gos Major Project stream Planning Theory and Decision Making Major Project: Methods Major Project: Analysis	8cp Total 100cp g) 6cp 6cp 6cp 6cp Total 24cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp	76039 76040 76042 76045 76047 76048 76052 76053 76066 76066 76070 76074 76075 76076 76080 76115 76516 76517	Jessup International Moot Research Thesis Electronic Communications Content Regulation Medicine and Law Advanced Contracts Citizenship and Immigration Law Dispute Resolution Advocacy Industrial Law Media Law Children and the Law Indigenous Peoples and the Law Community Justice Studies Biomedical Law and Bioethics Australian Civil Liberties Law Contemporary Legal Studies 1 Contemporary Legal Studies 2 Finance Law Insolvency Family Law Succession Intellectual Property and Traditional Knowledge Indigenous Peoples, the Environment and	6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp

76803	Exchange Subject 3	6ср	STM905	518 Urban Design	
76804	Exchange Subject 4	6cp		_	(
76900	Moot	. *	11522	Master Class Urban Design	6cp
		6cp	Select 12	credit points from the following options:	12cp
76901	Vis Arbitral Moot	6ср	15146	Sustainable Urban Development	6ср
77704	European Union Law	6ср	17700	Planning and Environmental Law	6cp
77715	Banking Law	6ср	15241	Urban Economics and Finance	6cp
77794	International Environmental Law	6ср	171200	Conservation and Heritage	6ср
77901	Securities Markets Law	6cp	11521		
78008	Law of the Sea	6cp	11321	Digital Theory	6cp
78021		оср			Total 42cp
70021	Contemporary Issues in Constitutional	(
	Law	6ср	STM905	519 Design Technologies	
78025	Intellectual Property: Law and Policy	6ср	11521	Digital Theory	6ср
76081	Gender, Law and Sexuality	6ср	11524	Master Class Design Technologies 2	6cp
78040	The Law and Education	6ср		Master Class Design Technologies 2 Master Class Design Technologies 1	
78042	Environmental Planning and	1	11523	Master Class Design Technologies 1	6cp
	DevelopmentLaw	6ср			Total 42cp
76082	International Regulation of Financial	ocp			
70002	Institutions	600	SIM905	520 Core subjects	
7/025		6cp	33130	Mathematical Modelling 1	6ср
76025	International Organisations	6ср	Select on	e of the following:	6cp
76033	Animal Law and Policy in Australia	6ср	3323		6ср
76034	Law of Slavery and Human Trafficking	6ср	4807		6cp
76036	International Trade Law and the			0 0 1	оср
	Environment	6ср	48210	Interrogating Technology: Sustainability,	
76038	Law and Mental Health	6cp		Environment and Social Change	6ср
76041	Climate Law and Carbon Markets	6ср	48230	Engineering Communication	6ср
76043	Building and Construction Law	6ср	48240	Design Fundamentals	6ср
76056		оср	48250	Engineering Economics and Finance	6ср
76036	Intellectual Property Commercialisation		68037	Physical Modelling	6cp
	Overview	6ср		,	Total 42cp
76904	Price International Media Law Moot	6ср			10tai 12cp
		Total 24cp	CTMOOF	24 Come audicate (Accounting and Finance	1
		•		521 Core subjects (Accounting and Financ	ej
STM905'	11 Core subjects		22754	Corporate Accounting	6ср
21751		6 010	25731	International Finance	6ср
	Management Research Methods	6cp	25721	Investment Management	6cp
27733	The Experience Economy	6cp	79708	Contemporary Business Law	6cp
22747	Accounting for Managerial Decisions	6ср	22747	Accounting for Managerial Decisions	
27729	Legal Issues for the Experience and Not-for	-Profit	25742		6cp
	Industries	6ср		Financial Management	6cp
27734	Marketing for the Experience Industries	6cp	22743	Business Valuation and Financial Analysis	6ср
	0 1	Total 30cp	25741	Capital Markets	6ср
		тоштооср	25765	Corporate Finance	6ср
CTMONE?	12 Journalism stream		22748	Financial Reporting and Analysis	6ср
		_	22730	Auditing and Assurance Services	6cp
58110	Introduction to Journalism	8cp		8	Total 72cp
58111	Reporting with Sound and Image	8ср			10tai 72cp
50111					
58112	Reporting and Editing for Print and Online	•	CTMONE	22 Professional stream	
	Reporting and Editing for Print and Online Iournalism	8cp		22 Professional stream	
	Reporting and Editing for Print and Online Journalism	8cp Total 24cp	60901	Advanced Communication Skills in Science	6ср
		8cp Total 24cp	60901		6ср 6ср
58112	Journalism		60901	Advanced Communication Skills in Science to 6 the following:	6ср
58112 STM905	Journalism 13 Records Management stream	Total 24cp	60901 Select on 6090	Advanced Communication Skills in Science te of the following: The Scientific Method	6cp
58112 STM905 ′ 57100	Journalism 13 Records Management stream People, Information and Knowledge	Total 24cp 8cp	60901 Select on 6090 3521	Advanced Communication Skills in Science te of the following: 22 The Scientific Method 12 Computational Linear Algebra	6cp 6cp 6cp
58112 STM905 ′ 57100 57181	Journalism 13 Records Management stream	Total 24cp	60901 Select on 6090 3522 4802	Advanced Communication Skills in Science te of the following: 22 The Scientific Method 12 Computational Linear Algebra 23 Programming Fundamentals	6cp 6cp 6cp 6cp
58112 STM905 ′ 57100	Journalism 13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals	Total 24cp 8cp 8cp	60901 Select on 6090 352: 4802 60903	Advanced Communication Skills in Science te of the following: The Scientific Method Computational Linear Algebra Programming Fundamentals Project Management in Science	6cp 6cp 6cp
58112 STM905 ′ 57100 57181	Journalism 13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisal	Total 24cp 8cp 8cp tion 8cp	60901 Select on 6090 3522 4802	Advanced Communication Skills in Science te of the following: The Scientific Method Computational Linear Algebra Programming Fundamentals Project Management in Science Innovation, Entrepreneurship and	6cp 6cp 6cp 6cp
58112 STM905 ′ 57100 57181 57087 57147	Journalism 13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisat Enterprise Content Management	8cp 8cp 8cp tion 8cp 8cp	60901 Select on 6090 352: 4802 60903	Advanced Communication Skills in Science te of the following: The Scientific Method Computational Linear Algebra Programming Fundamentals Project Management in Science	6cp 6cp 6cp 6cp 6cp
STM905 ′ 57100 57181 57087 57147 57153	Journalism 13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisal Enterprise Content Management Digital Curation	8cp 8cp 8cp tion 8cp 8cp 8cp	60901 Select on 6090 352: 4802 60903	Advanced Communication Skills in Science te of the following: The Scientific Method Computational Linear Algebra Programming Fundamentals Project Management in Science Innovation, Entrepreneurship and	6cp 6cp 6cp 6cp
58112 STM9057 57100 57181 57087 57147 57153 57089	Journalism 13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisal Enterprise Content Management Digital Curation Information Research and Data Analysis	8cp 8cp 8cp tion 8cp 8cp 8cp 8cp 8cp	60901 Select on 6090 3521 4802 60903 60904	Advanced Communication Skills in Science of the following: The Scientific Method Computational Linear Algebra Programming Fundamentals Project Management in Science Innovation, Entrepreneurship and Commercialisation	6cp 6cp 6cp 6cp 6cp
58112 STM9057 57100 57181 57087 57147 57153 57089 CBK90418	Journalism 13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisal Enterprise Content Management Digital Curation Information Research and Data Analysis Elective	8cp 8cp stion 8cp 8cp 8cp 8cp 8cp 8cp	60901 Select on 6090 3521 4802 60903 60904	Advanced Communication Skills in Science te of the following: The Scientific Method Computational Linear Algebra Programming Fundamentals Project Management in Science Innovation, Entrepreneurship and	6cp 6cp 6cp 6cp 6cp
58112 STM9057 57100 57181 57087 57147 57153 57089 CBK90418	Journalism 13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisal Enterprise Content Management Digital Curation Information Research and Data Analysis	8cp 8cp 8cp tion 8cp 8cp 8cp 8cp 8cp 8cp	60901 Select on 6090 352: 4802 60903 60904	Advanced Communication Skills in Science of the following: The Scientific Method Computational Linear Algebra Programming Fundamentals Project Management in Science Innovation, Entrepreneurship and Commercialisation	6cp 6cp 6cp 6cp 6cp
58112 STM9057 57100 57181 57087 57147 57153 57089 CBK90418	Journalism 13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisal Enterprise Content Management Digital Curation Information Research and Data Analysis Elective	8cp 8cp stion 8cp 8cp 8cp 8cp 8cp 8cp	60901 Select on 6090 352: 4802 60903 60904	Advanced Communication Skills in Science of the following: The Scientific Method Computational Linear Algebra Programming Fundamentals Project Management in Science Innovation, Entrepreneurship and Commercialisation S23 Standard stream Major/Two sub-majors/Sub-major +	6cp 6cp 6cp 6cp 6cp Total 24cp
58112 STM9057 57100 57181 57087 57147 57153 57089 CBK90418 CBK90416	Journalism 13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisal Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option	8cp 8cp 8cp tion 8cp 8cp 8cp 8cp 8cp 8cp	60901 Select on 6090 352: 4802 60903 60904 STM905 CBK9017	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation Scandard stream Major/Two sub-majors/Sub-major + four electives	6cp 6cp 6cp 6cp 6cp Total 24cp
58112 STM9057 57100 57181 57087 57147 57153 57089 CBK90418 CBK90416	Journalism 13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisal Enterprise Content Management Digital Curation Information Research and Data Analysis Elective	8cp 8cp 8cp tion 8cp 8cp 8cp 8cp 8cp 8cp	60901 Select on 6090 352: 4802 60903 60904 STM905 CBK9017	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Programming Fundamentals Project Management in Science Innovation, Entrepreneurship and Commercialisation Scan Standard stream Major/Two sub-majors/Sub-major +	6cp 6cp 6cp 6cp 6cp Total 24cp
\$TM9057 57100 57181 57087 57147 57153 57089 CBK90416 CBK90416	Journalism 13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisal Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 16cp Total 72cp	60901 Select on 6090 352: 4802 60903 60904 STM905 CBK9017	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation Scandard stream Major/Two sub-majors/Sub-major + four electives	6cp 6cp 6cp 6cp 6cp Total 24cp
\$TM9057 57100 57181 57087 57147 57153 57089 CBK90416 STM9057 58116	Journalism 13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisal Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 7cp 16cp Total 72cp	60901 Select on 6090 352: 4802 60903 60904 STM905 CBK9016	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation To Major/Two sub-majors/Sub-major + four electives Major choice (Business)	6cp 6cp 6cp 6cp 6cp Total 24cp
58112 STM905 ² 57100 57181 57087 57147 57153 57089 CBK90416 CBK90416 STM905 ² 58116 58117	Journalism 13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisat Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication Principles of Public Relations	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 7cp 16cp Total 72cp	60901 Select on 6090 352: 4802 60903 60904 STM905 CBK9016	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation Scandard stream Major/Two sub-majors/Sub-major + four electives	6cp 6cp 6cp 6cp 6cp Total 24cp
\$TM9057 57100 57181 57087 57147 57153 57089 CBK90416 STM9057 58116	Journalism 13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisal Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication	8cp 8cp 8cp 8cp 8cp 8cp 8cp 16cp Total 72cp	60901 Select on 6090 352: 4802 60903 60904 STM905 CBK9016	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation S23 Standard stream Major/Two sub-majors/Sub-major + four electives Major choice (Business)	6cp 6cp 6cp 6cp 6cp Total 24cp
58112 STM905 ² 57100 57181 57087 57147 57153 57089 CBK90416 CBK90416 STM905 ² 58116 58117	Journalism 13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisat Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication Principles of Public Relations	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 7cp 16cp Total 72cp	60901 Select on 6090 352: 4802 60903 60904 STM905 CBK9016	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation Standard stream Major/Two sub-majors/Sub-major + four electives Major choice (Business) Major Extended major Extended major choice	6cp 6cp 6cp 6cp 6cp Total 24cp 48cp Total 96cp
\$TM9057 57100 57181 57087 57147 57153 57089 CBK90416 CBK90416 \$TM9057 58116 58117 58118	Journalism 13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisat Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication Principles of Advertising	8cp 8cp 8cp 8cp 8cp 8cp 8cp 16cp Total 72cp	60901 Select on 6090 352: 4802 60903 60904 STM905 CBK9016	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation S23 Standard stream Major/Two sub-majors/Sub-major + four electives Major choice (Business)	6cp 6cp 6cp 6cp Total 24cp 6cp Total 24cp 48cp 48cp Total 96cp
\$TM9057 57100 57181 57087 57147 57153 57089 CBK90416 CBK90416 \$TM9057 58116 58117 58118	Journalism 13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisat Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication Principles of Public Relations	8cp 8cp 8cp 8cp 8cp 8cp 8cp 16cp Total 72cp	60901 Select on 6090 352: 4802 60903 60904 STM905 CBK9016	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation Standard stream Major/Two sub-majors/Sub-major + four electives Major choice (Business) Major Extended major Extended major choice	6cp 6cp 6cp 6cp 6cp Total 24cp 48cp Total 96cp
\$TM9057 57100 57181 57087 57147 57153 57089 CBK90416 CBK90416 \$TM9057 58116 58117 58118	Journalism 13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisat Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication Principles of Advertising	8cp 8cp 8cp 8cp 8cp 8cp 16cp Total 72cp 8cp 8cp	60901 Select on 6090 352: 4802 60903 60904 STM905 CBK9016 STM905 CBK9064 CBK9064	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation S23 Standard stream Major/Two sub-majors/Sub-major + four electives Major choice (Business) Major choice (Business) S24 Extended major Sub-major/Four electives	6cp 6cp 6cp 6cp Total 24cp 6cp Total 24cp 48cp 48cp Total 96cp
\$TM905' 57100 57181 57087 57147 57153 57089 CBK90416 CBK90416 \$TM905' 58116 58117 58118	Journalism 13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisat Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication Principles of Public Relations Principles of Advertising 15 Writing and Cultural Studies stream Text and Context	8cp 8cp 8cp 8cp 8cp 8cp 8cp 16cp Total 72cp 8cp 8cp Total 72cp	60901 Select on 6090 352: 4802 60903 60904 STM908 CBK9016 CBK9066 STM908	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation S23 Standard stream Major/Two sub-majors/Sub-major + four electives Major choice (Business) Major choice (Business) S24 Extended major Sub-major/Four electives Sub-major/Four electives	6cp 6cp 6cp 6cp Total 24cp 6cp Total 24cp 48cp 48cp Total 96cp
\$TM905' 57100 57181 57087 57147 57153 57089 CBK90416 CBK90416 \$TM905' 58116 58117 58118 \$TM905' 58119 58120	People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisal Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication Principles of Public Relations Principles of Advertising 15 Writing and Cultural Studies stream Text and Context Creativity and Culture	8cp 8cp 8cp 8cp 8cp 8cp 8cp 16cp Total 72cp 8cp 8cp 7otal 72cp	60901 Select on 6090 352: 4802 60903 60904 STM908 CBK9016 STM908 CBK9064 CBK9064 STM908 21779	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation S23 Standard stream Major/Two sub-majors/Sub-major + four electives Major choice (Business) S24 Extended major S25 Extended major choice S25 Core subjects (HRM) Management Skills	6cp 6cp 6cp 6cp Total 24cp Total 24cp 48cp Total 96cp 72cp 24cp Total 96cp
\$TM905' 57100 57181 57087 57147 57153 57089 CBK90416 CBK90416 \$TM905' 58116 58117 58118	Journalism 13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisat Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication Principles of Public Relations Principles of Advertising 15 Writing and Cultural Studies stream Text and Context	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 7ctal 72cp 8cp 8cp 8cp 16cp Total 72cp 8cp 8cp 8cp 8cp	60901 Select on 6090 352: 4802 60903 60904 STM908 CBK9016 CBK9066 STM908	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation S23 Standard stream Major/Two sub-majors/Sub-major + four electives Major choice (Business) S24 Extended major Sub-major/Four electives Sub-major/Four electives Sub-major/Four electives Sub-major/Four electives Sub-major/Four electives Sub-major/Four electives	6cp 6cp 6cp 6cp 6cp Total 24cp Total 24cp 48cp 48cp Total 96cp
\$TM905' 57100 57181 57087 57147 57153 57089 CBK90416 CBK90416 \$TM905' 58116 58117 58118 \$TM905' 58119 58120	People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisal Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication Principles of Public Relations Principles of Advertising 15 Writing and Cultural Studies stream Text and Context Creativity and Culture	8cp 8cp 8cp 8cp 8cp 8cp 8cp 16cp Total 72cp 8cp 8cp 7otal 72cp	60901 Select on 6090 352: 4802 60903 60904 STM908 CBK9016 STM908 CBK9064 CBK9064 STM908 21779	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation S23 Standard stream Major/Two sub-majors/Sub-major + four electives Major choice (Business) S24 Extended major S25 Extended major choice S25 Core subjects (HRM) Management Skills	6cp 6cp 6cp 6cp 6cp Total 24cp Total 24cp 72cp 24cp Total 96cp
58112 STM9057 57100 57181 57087 57147 57153 57089 CBK90416 STM9057 58116 58117 58118 STM9057 58119 58120 58121	People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisal Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication Principles of Public Relations Principles of Advertising 15 Writing and Cultural Studies stream Text and Context Creativity and Culture Fictional Forms	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 7cp 8cp 8cp 8cp 8cp 16cp Total 72cp 8cp 8cp 8cp 8cp 8cp	60901 Select on 6090 352: 4802 60903 60904 STM905 CBK9016 STM905 CBK9064 CBK9064 STM905 21779 21720	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation S23 Standard stream Major/Two sub-majors/Sub-major + four electives Major choice (Business) S24 Extended major Sub-major/Four electives Sub-major/Four electives Sub-major/Four electives Sub-major/Four electives Sub-major/Four electives Sub-major/Four electives	6cp 6cp 6cp 6cp 6cp Total 24cp 48cp 48cp 48cp Total 96cp 72cp 24cp Total 96cp
\$TM905' 57100 57181 57087 57147 57153 57089 CBK90416 STM905' 58116 58117 58118 \$TM905' 58120 58121 \$TM905'	13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisat Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication Principles of Public Relations Principles of Advertising 15 Writing and Cultural Studies stream Text and Context Creativity and Culture Fictional Forms	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 7ctal 72cp 8cp 8cp 8cp 16cp Total 72cp 8cp 8cp 8cp 8cp 8cp 7ctal 24cp	60901 Select on 6090 352: 4802 60903 60904 STM908 CBK9012 CBK9016 STM908 CBK9064 STM908 21779 21720 21844 21800	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation S23 Standard stream Major/Two sub-majors/Sub-major + four electives Major choice (Business) S24 Extended major S25 Extended major choice S26 Sub-major/Four electives S27 Core subjects (HRM) Management Skills Human Resource Management Managing Work and People Management and Organisations	6cp 6cp 6cp 6cp 6cp Total 24cp Total 96cp Total 96cp
\$112 \$TM9057 57100 57181 57087 57147 57153 57089 CBK90416 \$TM9057 58116 58117 58118 \$TM9057 58120 \$TM9057 58121	13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisat Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication Principles of Public Relations Principles of Advertising 15 Writing and Cultural Studies stream Text and Context Creativity and Culture Fictional Forms 16 Social Inquiry stream Introduction to Social Inquiry	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 7cp 8cp 8cp 8cp 8cp 16cp Total 72cp 8cp 8cp 8cp 8cp 8cp	60901 Select on 6090 352: 4802 60903 60904 STM908 CBK9016 STM908 CBK9064 STM908 21779 21720 21844 21800 21827	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Programming Fundamentals Project Management in Science Innovation, Entrepreneurship and Commercialisation Fast Standard stream Major/Two sub-majors/Sub-major + four electives Major choice (Business) Fast Extended major Sub-major/Four electives Fast Extended major choice Sub-major/Four electives Fast Core subjects (HRM) Management Skills Human Resource Management Managing Work and People Management and Organisations Change Management	6cp 6cp 6cp 6cp 6cp 6cp 7ctal 24cp 48cp 48cp 48cp Total 96cp 7ctal 96cp
\$TM905' 57100 57181 57087 57147 57153 57089 CBK90416 STM905' 58116 58117 58118 \$TM905' 58120 58121 \$TM905'	13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisat Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication Principles of Public Relations Principles of Advertising 15 Writing and Cultural Studies stream Text and Context Creativity and Culture Fictional Forms	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 7ctal 72cp 8cp 8cp 8cp 16cp Total 72cp 8cp 8cp 8cp 8cp 8cp 7ctal 24cp	60901 Select on 6090 352: 4802 60903 60904 STM905 CBK9016 STM905 CBK9064 STM905 21779 21720 21844 21800 21827 21833	Advanced Communication Skills in Science of the following: The Scientific Method Computational Linear Algebra Programming Fundamentals Project Management in Science Innovation, Entrepreneurship and Commercialisation 523 Standard stream Major/Two sub-majors/Sub-major + four electives Major choice (Business) 524 Extended major Extended major choice Sub-major/Four electives 525 Core subjects (HRM) Management Skills Human Resource Management Managing Work and People Management and Organisations Change Management International Human Resources Management International Human Resources Management	6cp 6cp 6cp 6cp 6cp 6cp Total 24cp 48cp 48cp 48cp Total 96cp 72cp 24cp Total 96cp 6cp 6cp 6cp 6cp 6cp
\$112 \$TM9057 57100 57181 57087 57147 57153 57089 CBK90416 \$TM9057 58116 58117 58118 \$TM9057 58120 \$TM9057 58121	13 Records Management stream People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisat Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication Principles of Public Relations Principles of Advertising 15 Writing and Cultural Studies stream Text and Context Creativity and Culture Fictional Forms 16 Social Inquiry stream Introduction to Social Inquiry	8cp 8cp 8cp 8cp 8cp 16cp Total 72cp 8cp 8cp 16cp Total 72cp 8cp 8cp 8cp 7otal 24cp	60901 Select on 6090 352: 4802 60903 60904 STM908 CBK9016 STM908 CBK9064 STM908 21779 21720 21844 21800 21827 21833 21702	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation S23 Standard stream Major/Two sub-majors/Sub-major + four electives Major choice (Business) S24 Extended major S25 Extended major electives S26 Sub-major/Four electives S27 Core subjects (HRM) Management Skills Human Resource Management Managing Work and People Management and Organisations Change Management International Human Resources Management Industrial Relations	6cp 6cp 6cp 6cp 6cp Total 24cp Total 24cp 72cp 24cp Total 96cp 6cp 6cp 6cp 6cp 6cp 6cp
\$112 \$TM905' 57100 57181 57087 57147 57153 57089 CBK90416' \$TM905' 58116 58117 58118 \$TM905' 58120 58122 58123	People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisal Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication Principles of Public Relations Principles of Advertising 15 Writing and Cultural Studies stream Text and Context Creativity and Culture Fictional Forms 16 Social Inquiry stream Introduction to Social Inquiry Society, Economy and Globalisation	8cp 8cp 8cp 8cp 8cp 8cp 8cp 16cp Total 72cp 8cp 8cp 8cp Total 24cp 8cp 8cp 8cp 8cp	60901 Select on 6090 352: 4802 60903 60904 STM905 CBK9016 CBK9016 CBK9066 STM905 21779 21720 21844 21800 21827 21833 21702 21760	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation S23 Standard stream Major/Two sub-majors/Sub-major + four electives Major choice (Business) S24 Extended major Sub-major/Four electives Sub-major/Four electives Sub-major/Four electives S25 Core subjects (HRM) Management Skills Human Resource Management Managing Work and People Management and Organisations Change Management International Human Resources Management International Human Resources Management Industrial Relations Performance and Talent Management	6cp 6cp 6cp 6cp 6cp 6cp Total 24cp 48cp 48cp 48cp Total 96cp 72cp 24cp Total 96cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
\$112 \$TM905' 57100 57181 57087 57147 57153 57089 CBK90416' \$TM905' 58116 58117 58118 \$TM905' 58120 58122 58123	People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisal Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication Principles of Public Relations Principles of Advertising 15 Writing and Cultural Studies stream Text and Context Creativity and Culture Fictional Forms 16 Social Inquiry stream Introduction to Social Inquiry Society, Economy and Globalisation	8cp 8cp 8cp 8cp 8cp 16cp Total 72cp 8cp 8cp 16cp Total 72cp 8cp 8cp 8cp 7otal 24cp	60901 Select on 6090 352: 4802 60903 60904 STM908 CBK9016 STM908 CBK9064 STM908 21779 21720 21844 21800 21827 21833 21702	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation S23 Standard stream Major/Two sub-majors/Sub-major + four electives Major choice (Business) S24 Extended major S25 Extended major electives S26 Sub-major/Four electives S27 Core subjects (HRM) Management Skills Human Resource Management Managing Work and People Management and Organisations Change Management International Human Resources Management Industrial Relations	6cp 6cp 6cp 6cp 6cp 6cp Total 24cp 48cp 48cp 48cp Total 96cp 72cp 24cp Total 96cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
\$TM905' 57100 57181 57087 57147 57153 57089 CBK90416 STM905' 58116 58117 58118 \$TM905' 58120 58121 \$TM905' 58122 58123 58124	People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisat Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication Principles of Public Relations Principles of Advertising 15 Writing and Cultural Studies stream Text and Context Creativity and Culture Fictional Forms 16 Social Inquiry stream Introduction to Social Inquiry Society, Economy and Globalisation Local Transformations	8cp 8cp 8cp 8cp 8cp 8cp 8cp 16cp Total 72cp 8cp 8cp 8cp Total 24cp 8cp 8cp 8cp 8cp	60901 Select on 6090 352: 4802 60903 60904 STM905 CBK9016 CBK9016 CBK9066 STM905 21779 21720 21844 21800 21827 21833 21702 21760	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation S23 Standard stream Major/Two sub-majors/Sub-major + four electives Major choice (Business) S24 Extended major Sub-major/Four electives Sub-major/Four electives Sub-major/Four electives S25 Core subjects (HRM) Management Skills Human Resource Management Managing Work and People Management and Organisations Change Management International Human Resources Management International Human Resources Management Industrial Relations Performance and Talent Management	6cp 6cp 6cp 6cp 6cp 6cp Total 24cp 48cp 48cp 48cp Total 96cp 72cp 24cp Total 96cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
\$112 \$TM9057 57100 57181 57087 57147 57153 57089 CBK90416 STM9057 58116 58117 58118 \$TM9057 58120 58121 \$TM9057 58122 58123 58124	People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisat Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication Principles of Public Relations Principles of Advertising 15 Writing and Cultural Studies stream Text and Context Creativity and Culture Fictional Forms 16 Social Inquiry stream Introduction to Social Inquiry Society, Economy and Globalisation Local Transformations 17 Information and Media stream	8cp 8cp 8cp 8cp 8cp 8cp 8cp 16cp Total 72cp 8cp 8cp 8cp Total 24cp 8cp 8cp 8cp 8cp Total 24cp	60901 Select on 6090 352: 4802 60903 60904 STM905 CBK9016 CBK9016 CBK9066 STM905 21779 21720 21844 21800 21827 21833 21702 21760	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation S23 Standard stream Major/Two sub-majors/Sub-major + four electives Major choice (Business) S24 Extended major Sub-major/Four electives Sub-major/Four electives Sub-major/Four electives S25 Core subjects (HRM) Management Skills Human Resource Management Managing Work and People Management and Organisations Change Management International Human Resources Management International Human Resources Management Industrial Relations Performance and Talent Management	6cp 6cp 6cp 6cp 6cp 6cp Total 24cp 48cp 48cp 48cp Total 96cp 72cp 24cp Total 96cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
\$112 \$TM905' 57100 57181 57087 57147 57153 57089 CBK90416 \$TM905' 58116 58117 58118 \$TM905' 58120 58121 \$TM905' 58122 58123 58124 \$TM905' 58125	People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisat Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication Principles of Public Relations Principles of Advertising 15 Writing and Cultural Studies stream Text and Context Creativity and Culture Fictional Forms 16 Social Inquiry stream Introduction to Social Inquiry Society, Economy and Globalisation Local Transformation Design 17 Information and Media stream Creative Information Design	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 16cp Total 72cp 8cp 8cp 8cp 7otal 24cp 8cp 8cp 8cp Total 24cp	60901 Select on 6090 352: 4802 60903 60904 STM905 CBK9016 CBK9016 CBK9066 STM905 21779 21720 21844 21800 21827 21833 21702 21760	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation S23 Standard stream Major/Two sub-majors/Sub-major + four electives Major choice (Business) S24 Extended major Sub-major/Four electives Sub-major/Four electives Sub-major/Four electives S25 Core subjects (HRM) Management Skills Human Resource Management Managing Work and People Management and Organisations Change Management International Human Resources Management International Human Resources Management Industrial Relations Performance and Talent Management	6cp 6cp 6cp 6cp 6cp 6cp Total 24cp 48cp 48cp 48cp Total 96cp 72cp 24cp Total 96cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
\$112 \$TM9057 57100 57181 57087 57147 57153 57089 CBK90416 STM9057 58116 58117 58118 \$TM9057 58120 58121 \$TM9057 58122 58123 58124	People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisat Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication Principles of Public Relations Principles of Advertising 15 Writing and Cultural Studies stream Text and Context Creativity and Culture Fictional Forms 16 Social Inquiry stream Introduction to Social Inquiry Society, Economy and Globalisation Local Transformations 17 Information and Media stream	8cp 8cp 8cp 8cp 8cp 8cp 8cp 16cp Total 72cp 8cp 8cp 8cp Total 24cp 8cp 8cp 8cp 8cp Total 24cp	60901 Select on 6090 352: 4802 60903 60904 STM905 CBK9016 CBK9016 CBK9066 STM905 21779 21720 21844 21800 21827 21833 21702 21760	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation S23 Standard stream Major/Two sub-majors/Sub-major + four electives Major choice (Business) S24 Extended major Sub-major/Four electives Sub-major/Four electives Sub-major/Four electives S25 Core subjects (HRM) Management Skills Human Resource Management Managing Work and People Management and Organisations Change Management International Human Resources Management International Human Resources Management Industrial Relations Performance and Talent Management	6cp 6cp 6cp 6cp 6cp 6cp Total 24cp 48cp 48cp 48cp Total 96cp 72cp 24cp Total 96cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
\$112 \$TM905' 57100 57181 57087 57147 57153 57089 CBK90416 \$TM905' 58116 58117 58118 \$TM905' 58120 58121 \$TM905' 58122 58123 58124 \$TM905' 58125	People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisat Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication Principles of Public Relations Principles of Advertising 15 Writing and Cultural Studies stream Text and Context Creativity and Culture Fictional Forms 16 Social Inquiry stream Introduction to Social Inquiry Society, Economy and Globalisation Local Transformation Design 17 Information and Media stream Creative Information Design	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 16cp Total 72cp 8cp 8cp 8cp 7otal 24cp 8cp 8cp 8cp Total 24cp	60901 Select on 6090 352: 4802 60903 60904 STM905 CBK9016 CBK9016 CBK9066 STM905 21779 21720 21844 21800 21827 21833 21702 21760	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation S23 Standard stream Major/Two sub-majors/Sub-major + four electives Major choice (Business) S24 Extended major Sub-major/Four electives Sub-major/Four electives Sub-major/Four electives S25 Core subjects (HRM) Management Skills Human Resource Management Managing Work and People Management and Organisations Change Management International Human Resources Management International Human Resources Management Industrial Relations Performance and Talent Management	6cp 6cp 6cp 6cp 6cp 6cp Total 24cp 48cp 48cp 48cp Total 96cp 72cp 24cp Total 96cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
\$112 \$TM905' 57100 57181 57087 57147 57153 57089 CBK90416 \$TM905' 58116 58117 58118 \$TM905' 58120 58121 \$TM905' 58122 58123 58124 \$TM905' 58125 58125 58126	People, Information and Knowledge Recordkeeping Fundamentals Knowledge Management and the Organisat Enterprise Content Management Digital Curation Information Research and Data Analysis Elective Master's option 14 Public Communication stream The Ecology of Public Communication Principles of Public Relations Principles of Advertising 15 Writing and Cultural Studies stream Text and Context Creativity and Culture Fictional Forms 16 Social Inquiry stream Introduction to Social Inquiry Society, Economy and Globalisation Local Transformations 17 Information and Media stream Creative Information Design Information Discovery and Analysis	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 16cp Total 72cp 8cp 8cp 8cp 7otal 24cp 8cp 8cp 8cp Total 24cp	60901 Select on 6090 352: 4802 60903 60904 STM905 CBK9016 CBK9016 CBK9066 STM905 21779 21720 21844 21800 21827 21833 21702 21760	Advanced Communication Skills in Science to of the following: The Scientific Method Computational Linear Algebra Project Management in Science Innovation, Entrepreneurship and Commercialisation S23 Standard stream Major/Two sub-majors/Sub-major + four electives Major choice (Business) S24 Extended major Sub-major/Four electives Sub-major/Four electives Sub-major/Four electives S25 Core subjects (HRM) Management Skills Human Resource Management Managing Work and People Management and Organisations Change Management International Human Resources Management International Human Resources Management Industrial Relations Performance and Talent Management	6cp 6cp 6cp 6cp 6cp 6cp Total 24cp 48cp 48cp 48cp Total 96cp 72cp 24cp Total 96cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp

STM9052	27 Core subjects		STM905	37 Core subjects (Education PG)		
89105	Design Activism	6ср	013122	Understanding Adult Education and Trainin	ıa	6cn
89106	Researching Contexts	6ср	013142	Adult Learning and Program Development	ıg	6ср 6ср
89107	Innovation and Entrepreneurship: A	6ср	013142	Research Perspectives		6ср
89108	Technology Workshop: Creative Play	6ср	010702	research respectives	Total	18cp
89109	Technology Workshop: Experimental Media	6ср				P
89110	Engaging Texts: Interpreting Contexts	6cp	STM905	38 Major core subjects (PopEdSocChange	e)	
		Total 36cp	013161	Popular Education and Social Movements		6ср
			013163	New Media and Social Change		6ср
	28 Core subjects (Adult Education)		013164	Narrative and Storymaking in Education and	d	
013122	Understanding Adult Education and Training	6cp		Change	- ·	6cp
013142	Adult Learning and Program Development	6cp			Total	18cp
013977	Teaching and Learning in Practice	6cp	CTMODE	20 Major care cubiocts (OrgWrknII rn)		
	•	Гotal 18ср		39 Major core subjects (OrgWrkplLrn)		
STM9052	29 Core subjects (TESOL)		013160	Professional Learning and Practice		6cp
010070			013162 013167	Organisational Learning Contemporary Work and Learning		6cp
010070	Professional Practice 1 Language Literacy and Numeracy	6ср	013107	Contemporary Work and Learning	Total	6ср 18ср
010071	Professional Practice 2 Language Literacy and	оср			1000	тоср
	Numeracy	6ср	STM905	40 Advertising stream		
013102	Introduction to Language	6cp	58118	Principles of Advertising		8ср
013958	Language Teaching Methodology	6cp	58129	Advertising Campaign Practice		8cp
		Гotal 24ср		0 1 0	Total	16cp
						1
	30 Level 1 subjects (Midwifery)		STM905	41 Public Relations stream		
	of the following:	6ср	58117	Principles of Public Relations		8cp
92019	- · · · ·	-	58128	Strategic Public Relations		8cp
0202		cp			Total	16cp
92927 92020	 Evidence-based Practice (Midwifery) 6 Midwifery in Context 	ocp 6an	CTMOOF	/2 a.u. ama durata amtuamt atuaama		
92020	Perinatal Mental Health	6ср 6ср		42 Law graduate entrant stream		40
92620	Family and Community Health Practice	6ср		credit points from the following options:		48cp
32020		Гotal 24ср	78203	Communications and Intellectual Property	0 000	
		-1	78204	Law Overview Legal Perspectives on the Internet	8ср 8ср	
STM9053	31 Level 2 subjects (Midwifery)		78205	Regulatory Issues in the Broadband	оср	
92018	Building Resilience in Mothers and Midwives	6ср	70200	Environment	8ср	
92050	Policy, Power and Politics in Health Care	6cp	78165	Media and Entertainment Law and	···	
92612	Research in Health	6cp		Regulation	8cp	
Select 6 cr	edit points from the following options:	6ср	78179	Telecommunications Law and Regulations	8cp	
CBK90903		cp	78177	Converging Media Industries: Regulatory		
	•	Гotal 24ср		Challenges	8cp	
CTMONE	32 Level 3 subjects (Midwifery)		78183	Global Aspects of Intellectual Property		
92925	Models of Midwifery Care	600	70105	Law Intellectual Property: Law and Policy	8cp	
92923	Midwifery Practice Development	6ср 6ср	78185 78189	Intellectual Property Commercialisation	8ср 8ср	
	redit points from the following options:	12cp	78213	Communications and Technology: A Primer		
92946		бер	70210	communications and reciniology.7111mici		48cp
92947		cp			1000	тоср
CBK90904	Electives (Midwifery) 12	2cp	STM905	43 Non-law graduate entrant stream		
		Гotal 24ср	78203	Communications and Intellectual Property I	Law	
				Overview		8cp
STM9053	33 Core subjects		Select 40	credit points from the following options:		40cp
92022	Improving Quality and Safety in Health Care	6ср	78204	Legal Perspectives on the Internet	8ср	
92051	Health Services Management and Legal Issues		78205	Regulatory Issues in the Broadband		
92606	Issues in Australian Health Services	6ср	F01.6F	Environment	8cp	
92917	Using Health Care Data for Decision Making	6cp Fotal 24cp	78165	Media and Entertainment Law and	8an	
	•	Total 24cp	78179	Regulation Telecommunications Law and Regulations	8ср 8ср	
STM9053	34 Core subjects		78177	Converging Media Industries: Regulatory	оср	
92050	Policy, Power and Politics in Health Care	6ср		Challenges	8ср	
92297	Health Systems and Change	6ср	78183	Global Aspects of Intellectual Property	- 1	
92603	Managing Quality, Risk and Cost in Health Ca			Law	8ср	
92847	Planning and Evaluating Health Services	6ср	78185	Intellectual Property: Law and Policy	8cp	
		Гotal 24ср	78189	Intellectual Property Commercialisation	8cp	
			78213	Communications and Technology: A Primer		. 40
	35 Core subjects (Health Services Manage	ment			Iotal	48cp
and Plan	ning)		CTMONE	// Law graduate entrant stream		
21720	Human Resource Management	6ср		44 Law graduate entrant stream credit points from the following options:		2400
26703	Introductory Health Economics	6cp	78204	Legal Perspectives on the Internet	8ср	24cp
92023	Health Services Resource Management	6cp	78204	Regulatory Issues in the Broadband	жр	
92050	Policy, Power and Politics in Health Care	6ср	, 0200	Environment	8ср	
92051	Health Services Management and Legal Issues	, -	78203	Communications and Intellectual Property	- r	
92295 92296	Advanced Health Services Planning Epidemiology and Population Health	6cp		Law Overview	8cp	
92296	Health Systems and Change	6ср 6ср	78165	Media and Entertainment Law and	•	
92603	Managing Quality, Risk and Cost in Health Ca	re 6cp		Regulation	8cp	
92887	Organisational Management in Health Care	6ср	78179	Telecommunications Law and Regulations	8cp	
92946	Project Part A	6ср	78177	Converging Media Industries: Regulatory	0	
		Гotal 66ср		Challenges	8cp	

78183 78185	Clobal Associate of Intellectual Duomontes		CTMOOF	Tr Companible sta (Adult Litemani and Nu	
	Global Aspects of Intellectual Property Law	8ср		54 Core subjects (Adult Literacy and Nu	meracy
	Intellectual Property: Law and Policy	8cp	Teachin		
78189	Intellectual Property Commercialisation	8cp	013096	Grammar and the Construction of Meaning	,
78213	Communications and Technology: A Primer	8cp	013117	Theory and Practice of Literacy	6ср
0210	Communications and rectatology. 111 Inner	Total 24cp	013122	Understanding Adult Education and Traini	
		rotar 2 rep	013141	Language Programming and Assessment	6ср
STM9054	5 Non-law graduate entrant stream				Total 24cp
78203	Communications and Intellectual Property L	aw	STM905	55 Core subjects (Media Arts and Produ	ction)
	Overview	8ср	57167	Moving Image	8ср
Select 16 c	redit points from the following options:	16cp	57168	Sound and Interaction	8cp
78204	Legal Perspectives on the Internet	8cp	57989	Mise-en-Scene	8cp
78205	Regulatory Issues in the Broadband		0,,00	Mise en seene	Total 24cp
	Environment	8cp			10tu121cp
78165	Media and Entertainment Law and		STM905	556 Core subjects (Non-fiction Writing P	roiectl
	Regulation	8cp	57163	Non-fiction Project Development	_
78179	Telecommunications Law and Regulations	8cp	57164	Non-fiction Writing Project	8cp 16cp
78177	Converging Media Industries: Regulatory		37101	Tront netion vinting Froject	Total 24cp
= 04.0 0	Challenges	8cp			10ш121ср
78183	Global Aspects of Intellectual Property		STM905	57 Core subjects (Non-fiction Writing)	
= 04.0 =	Law	8cp	57031		9 cm
78185	Intellectual Property: Law and Policy	8cp	57061	Non-fiction Writing Issues in Documentary	8cp 8cp
78189	Intellectual Property Commercialisation	8cp	57162	Memory and Life Writing	8ср
78213	Communications and Technology: A Primer		37 102	Memory and the Witting	Total 24cp
		Total 24cp			10tai 24cp
STM9054	6 Major core subjects (AdEd)		STM905	558 Law for Business	
013120	The Psychology of Adult Development	6ср	This stre	am is designed to provide students with a co	mprehensive
013166	Education in Policy Contexts	6ср		anding of legal issues and developments the	
013168	Adult Education: Past, Present, Future	6cp		ness sector. Building upon the core subject, Int	
	, ,	Total 18cp		dents are provided with the opportunity to cho	
		1		of subjects to satisfy the learning requiremen	
STM9054	7 MEM stream			ation. The broad range of subject areas is design	
CBK90154	Core subjects choice	36cp		amework to enhance the planning and applicati	
CBK90743		12cp		re commercial strategies.	
		Total 48cp			
		1	Complet	tion requirements	
STM9054	8 Master's option		70110	Introduction to Law	6ср
57149	Information and Knowledge Management		79013	Industrial and Labour Law	6ср
	Major Paper	8cp	79014	Applied Company Law	6ср
CBK90415	Elective	8cp	79018	Advanced Commercial Law	6ср
		Total 16cp	79032	Competition and Consumer Law	6ср
		•	Select 18	credit points from the following options:	18cp
STM9054	9 Core subjects (Adult Numeracy Teach	ing)	79006	Intellectual Property Commercialisation	6ср
010070	Professional Practice 1 Language Literacy an	d	79011	Marketing Law	6ср
	Numeracy	6ср	79015	Banking Law	6ср
010071	Professional Practice 2 Language Literacy an		79017	Taxation Law	6ср
	Numeracy	6ср	79019	Corporate Environmental Responsibility	6ср
013831	Maths for Numeracy Teachers	6cp	79021	International Aspects of Australian	
013971	Teaching and Learning Numeracy	6cp		Taxation Law	6ср
		Total 24cp	79022	GST and other Indirect Taxes	6ср
			79026	Estate Planning (UG)	6ср
STM9055	0 Core subjects		79027	Retirement Planning (UG)	6ср
58101	Understanding Communication	8cp	79033	Insolvency Administration	6ср
58102	Language and Discourse	8cp	79603	International Business Transactions	
58103	Ideas in History	8cp	5 0.000	and the Law	6ср
58201	Communication and Cultural Industries and		79606	Advanced Taxation Law	6cp
	Practices	8cp			Total 48cp
58202	Regulating Communication: Law, Ethics, Pol		CTMOOF	559 Foundations of Law	
58301	Communication Practice Project	8cp	31111700	137 FOURIDATIONS OF LAW	
		Total 48cp		am caters for business students interested in d	
	4.6			understanding of the law. After developing sk	
	1 Graduate Entry			to the study of law, students undertake fund	
STM9055	Core subjects (Graduate Entry)	120cp		of direct application to the business environme	
	core subjects (Graduate Eritry)	24cp		e an opportunity to specialise in areas rele	vant to their
STM90561	Electives Nursing (UG)			r career focus.	
STM90561		Total 144cp	particula		
STM90561 CBK90393	Electives Nursing (UG)		•	tion requirements	
STM90561 CBK90393 STM9055	Electives Nursing (UG) 2 Enrolled Nurse Entry 1	Total 144cp	Comple	tion requirements	6cn
STM90561 CBK90393 STM9055 STM90562	Electives Nursing (UG) 2 Enrolled Nurse Entry 1 Core subjects (Certificate Entry EN)	Total 144cp 108cp	Complete 70120	tion requirements Legal Method and Research	6cp 8cp
STM90561 CBK90393 STM9055 STM90562 CBK90352	Electives Nursing (UG) 2 Enrolled Nurse Entry 1 Core subjects (Certificate Entry EN) Electives	Total 144cp 108cp 30cp	Complete 70120 70211	tion requirements Legal Method and Research Contracts	8cp
STM90561 CBK90393 STM9055 STM90562	Electives Nursing (UG) 2 Enrolled Nurse Entry 1 Core subjects (Certificate Entry EN) Electives	Total 144cp 108cp 30cp 6cp	Complete 70120 70211 70311	tion requirements Legal Method and Research Contracts Torts	8cp 8cp
STM90561 CBK90393 STM9055 STM90562 CBK90352	Electives Nursing (UG) 2 Enrolled Nurse Entry 1 Core subjects (Certificate Entry EN) Electives	Total 144cp 108cp 30cp	Complete 70120 70211 70311 70317	tion requirements Legal Method and Research Contracts Torts Real Property	8cp 8cp 8cp
STM90561 CBK90393 STM9055 STM90562 CBK90352 CBK90819	Electives Nursing (UG) 2 Enrolled Nurse Entry 1 Core subjects (Certificate Entry EN) Electives Choice	Total 144cp 108cp 30cp 6cp	70120 70211 70311 70317 70327	tion requirements Legal Method and Research Contracts Torts Real Property Commercial Law	8cp 8cp 8cp 6cp
STM90561 CBK90393 STM9055 STM90562 CBK90352 CBK90819 STM9055	Electives Nursing (UG) 2 Enrolled Nurse Entry 1 Core subjects (Certificate Entry EN) Electives Choice 3 Enrolled Nurse Entry 2	108cp 30cp 6cp Total 144cp	Complete 70120 70211 70311 70317 70327 Select 12	Legal Method and Research Contracts Torts Real Property Commercial Law credit points from the following options:	8cp 8cp 8cp 6cp 12cp
STM90561 CBK90393 STM9055 STM90562 CBK90352 CBK90819 STM9055 STM90563	Electives Nursing (UG) 2 Enrolled Nurse Entry 1 Core subjects (Certificate Entry EN) Electives Choice 3 Enrolled Nurse Entry 2 Core subjects (Advanced Diploma Entry EN)	108cp 30cp 6cp Total 144cp	70120 70211 70311 70317 70327 Select 12 76002	Legal Method and Research Contracts Torts Real Property Commercial Law credit points from the following options: Sports Law	8cp 8cp 8cp 6cp
STM90561 CBK90393 STM9055 STM90562 CBK90352 CBK90819 STM90563 CBK90394	Electives Nursing (UG) 2 Enrolled Nurse Entry 1 Core subjects (Certificate Entry EN) Electives Choice 3 Enrolled Nurse Entry 2 Core subjects (Advanced Diploma Entry EN Electives Nursing (UG)	108cp 30cp 6cp Total 144cp	Complete 70120 70211 70311 70317 70327 Select 12	Legal Method and Research Contracts Torts Real Property Commercial Law credit points from the following options: Sports Law Deceptive Trade Practices and Product	8cp 8cp 8cp 6cp 12cp
STM90561 CBK90393 STM9055 STM90562 CBK90352 CBK90819 STM9055 STM90563	Electives Nursing (UG) 2 Enrolled Nurse Entry 1 Core subjects (Certificate Entry EN) Electives Choice 3 Enrolled Nurse Entry 2 Core subjects (Advanced Diploma Entry EN Electives Nursing (UG) Choice	108cp 30cp 6cp Total 144cp	Complete 70120 70211 70311 70317 70327 Select 12 76002 76023	Legal Method and Research Contracts Torts Real Property Commercial Law credit points from the following options: Sports Law Deceptive Trade Practices and Product Liability	8cp 8cp 8cp 6cp 12cp 6cp
STM90561 CBK90393 STM9055 STM90562 CBK90352 CBK90819 STM90563 CBK90394	Electives Nursing (UG) 2 Enrolled Nurse Entry 1 Core subjects (Certificate Entry EN) Electives Choice 3 Enrolled Nurse Entry 2 Core subjects (Advanced Diploma Entry EN Electives Nursing (UG) Choice	108cp 30cp 6cp Total 144cp	70120 70211 70311 70317 70327 Select 12 76002	Legal Method and Research Contracts Torts Real Property Commercial Law credit points from the following options: Sports Law Deceptive Trade Practices and Product	8cp 8cp 8cp 6cp 12cp

76212	Revenue Law	6ср	78193	Trade Marks Practice	8cp
77715	Banking Law	6cp	78194	Designs Law and Practice	8cp
78025	Intellectual Property: Law and Policy	6cp	78195	Copyright Law	8cp
		Total 48cp	78207	International Organisations	8cp
			78208	Taxation of Commercial Enterprises	8cp
	60 Non-Common Law stream		78211	Law and Literature	8cp
78103	Common Law Legal Traditions	8cp	78203	Communications and Intellectual Property	0
	redit points from the following options:	16cp	78213	Law Overview	8cp
78100	Postgraduate Legal Research	8cp	78213 78219	Communications and Technology: A Primer Animal Law and Policy in Australia	
78102 78110	LLM Project by Research	8cp	78223	Law of Slavery and Human Trafficking	8cp 8cp
78110 78112	Banking and Finance Law Securities Regulation	8ср 8ср	78217	Competition Law in a Global Context	8cp
78114	Financial Analysis for the Transactional	оср	78228	Financial Services Law and Compliance in	ocp
70111	Lawyer	8ср		Australia	8cp
78116	International Regulation of Financial	ocp	78226	Environmental and Sustainable	1
	Institutions	8ср		Development Law of China	8ср
78118	Business and Law in China	8cp	78224	International Trade Law and the	
78119	Commercial Arbitration (Domestic)	8cp		Environment	8cp
78121	Corporate Insolvency	8cp	78221	Commercial Equity	8cp
78123	Deceptive Trade Practices	8ср	78215	Finance Law	8cp
78124	Dispute Resolution in Commerce	8cp	78204 78221	Legal Perspectives on the Internet	8cp
78125	Corporate Governance	8cp	78231 78232	Commercial Trade and Transport Law Mining Law and Regulation	8cp
78127	Advanced Mediation	8cp	78232 78233	International Commercial Arbitration	8cp 8cp
78128 78130	Child Law in Australia	8cp	70233	international Commercial / frontation	Total 24cp
78130	Complex Parenting Disputes Complex Financial and Property Disputes	8cp			rotar 2 rep
70132	(in Family Law)	8ср	STM9056	1 Core subjects (Graduate Entry)	
78134	Current Issues in Family Law	8cp	91528	Health and Homeostasis	6ср
78136	Dispute Resolution	8cp	92024	Medical Surgical Nursing (Graduate Entry)	6cp
78137	Facilitation	8cp	92015	Fundamentals of Mental Health Nursing	- 1
78139	Family Dispute Resolution	8cp		(Graduate Entry)	6ср
78140	International and Comparative Family	•	92320	Health and Society	6cp
	Law	8ср	92326	Understanding the Person: Life Transitions	6ср
78142	New Families, New Technologies	8ср	92318	Evidence for Nursing	6ср
78143	Psychology and Dispute Resolution	8cp	91529	Pathophysiology and Pharmacology 1	6ср
78144	Contemporary Issues in Health Law	8cp	92330	Complex Nursing Care: Medical Surgical	6cp
78146	Dilemmas in Biomedical Law	8cp		of the following:	6ср
78148 78149	Law and Medicine	8cp	92319 92315		6cp
78149 78151	Law and Mental Health Human Rights Law	8ср 8ср	92313	Nursing Care of the Older Person Contemporary Indigenous Health and	6ср
78151	International Commercial Transactions	8cp	92317	Wellbeing	6ср
78154	International Criminal Law	8cp	92312	Integrated Nursing Practice	6ср
78155	International Environmental Law: Policy	och	92316	Complex Nursing Care: Mental Health	6cp
	and Implementation	8ср	92329	Accountability in Nursing Practice	6cp
78157	Private International Law	8cp	92325	Professionalism in Context	6cp
78159	Rights and Obligations in the International		91527	Pathophysiology and Pharmacology 3	6ср
	Legal System	8cp	92331	Integrated Nursing Concepts	6ср
78161	Global Governance and Social Justice	8cp	92016	Workshops for Practice Readiness	
78163	Law and Regulation	8cp	02015	(Graduate Entry)	6ср
78165	Media and Entertainment Law and	0	92017	Health Assessment and Nursing Therapeutic	
78167	Regulation Perspectives on Regulation	8ср 8ср	91530 Soloct one	Pathophysiology and Pharmacology 2 of the following:	6cp 6cp
78169	Regulatory Strategies and Compliance	оср	92315		6ср
70107	Principles	8ср	92319		6ср
78171	Crisis Negotiation	8cp			Total 120cp
78172	Dispute Resolution in Civil Practice	8cp			1
78174	Mediation Practice	8cp	STM9056	2 Core subjects (Certificate Entry EN)	
78175	Negotiation	8cp	91527	Pathophysiology and Pharmacology 3	6ср
78176	Workplace Dispute Resolution	8ср	91528	Health and Homeostasis	6ср
78177	Converging Media Industries: Regulatory		91529	Pathophysiology and Pharmacology 1	6ср
70170	Challenges	8cp	91530	Pathophysiology and Pharmacology 2	6ср
78179	Telecommunications Law and Regulations	8cp	92014	Role Transition and Professional Identity	6ср
78183	Global Aspects of Intellectual Property	Q _{cm}	92025	Fundamentals of Mental Health Nursing	
78189	Law Intellectual Property Commercialisation	8cp 8cp	02212	(Enrolled Nurse Entry 1)	6cp
78185	Intellectual Property: Law and Policy	8cp	92312 92315	Integrated Nursing Practice Nursing Care of the Older Person	6cp
78187	Intellectual Property and Traditional	ocp	92316	Complex Nursing Care: Mental Health	6ср 6ср
	Knowledge	8cp	92317	Contemporary Indigenous Health and	оср
78104	Genetics and the Law	8cp	72017	Wellbeing	6ср
78106	Climate Law and Carbon Markets	8cp	92318	Evidence for Nursing	6cp
78108	Globalisation and International Economic	-	92319	Family and Children's Nursing	6cp
	Law	8cp	92320	Health and Society	6cp
78196	Insurance Law	8cp	92322	Medical Surgical Nursing	6ср
78202	International Development Law	8cp	92325	Professionalism in Context	6ср
78198 78200	Corporate Finance Transactions 1	8cp	92329	Accountability in Nursing Practice	6ср
78200 78190	Corporate Finance Transactions 2 Patent Law	8cp 8cp	92330	Complex Nursing Care: Medical Surgical	6cp
78190 78191	Patent Systems	8ср 8ср	92331	Integrated Nursing Concepts	6cp
78192	Trade Marks Law	8cp			Total 108cp
-		1			

STM905	63 Core subjects (Advanced Diploma Entr	y EN)	STM905	73 Professional Experience (SpecEd)	
91527	Pathophysiology and Pharmacology 3	6ср	023881	Special Education Professional Experience 1	:
92014	Role Transition and Professional Identity	6ср		Assesment, Programming and Evaluation	6ср
92312 92316	Integrated Nursing Practice	6cp	023882	Special Education Professional Experience 2	
92316	Complex Nursing Care: Mental Health Contemporary Indigenous Health and	6ср		Collaborative Participation in Inclusive Serv Models	6cp
)2017	Wellbeing	6ср	023157	Professional Experience 7:	оср
92318	Evidence for Nursing	6cp		Reflection on Educational Practice	6ср
92319	Family and Children's Nursing	6cp	023158	Professional Experience 8: Analysing Curren	nt
92320	Health and Society	6ср		Issues in Australian Education	6cp
92322 92325	Medical Surgical Nursing Professionalism in Context	6cp			Total 48cp
92329	Accountability in Nursing Practice	6ср 6ср	STM905	74 Special Education subjects	
92330	Complex Nursing Care: Medical Surgical	6ср	023821	Special Education 1: Managing Challenging	
92331	Integrated Nursing Concepts	6cp		Behaviours	6ср
91529	Pathophysiology and Pharmacology 1	6cp	023822	Special Education 2: Preventing and Remed	
91530	Pathophysiology and Pharmacology 2	6cp Total 90cp	022022	Difficulties in Reading and Spelling	6cp
		тошт эоср	023823	Special Education 3: Educating Students wh Difficulties with Written Text	6cp
STM905	64 Core subjects		023824	Special Education 4: Numeracy Instruction	
15143	Group Project A: Urban Renewal	6ср		for Students with Learning Difficulties	
12518	Property Transactions	6ср		and Disabilities	6ср
17704	Property Development Finance	6ср	023825	Special Education 5: Educating Students with	
17518	Advanced Property Development	6cp Total 24cp	023826	Moderate and High Support Needs Special Education 6: Educating Students wit	6cp
		10tai 24cp	023620	Delayed or Disordered Communication	6ср
STM905	66 Core subjects			Demy en el Diserneren Communication	Total 36cp
31060	Information Systems Principles	6ср			1
31061	Database Principles	6cp		79 Core subjects (Online Journalism)	
31424	Systems Modelling	6ср	57155	Online Journalism	8cp
31478 31479	Project Management and Quality Assurance	6ср			Total 16cp
314/9	Information Technology Professional and Society	6ср	STM905	80 Core subjects (PSM + SMD)	
31480	Strategic Information Technology Planning	оср	50846	Situated Media Installation Studio	12cp
	Project	6ср	50847	Visualisation and Sonification Studio	12cp
31508	Programming Fundamentals	6ср	80046	Smart Object Studio	12cp
31509	Computer Fundamentals	6cp	80064	Interaction-based Designing	6ср
31516	Networking Fundamentals	6cp Total 66cp			Total 42cp
		тошт ооср	STM905	81 Core subjects	
STM905	67 Core subjects (IT)		32543	3D Animation	6ср
31478	Project Management and Quality Assurance	6ср	57108	Film Animation	6cp
31479	Information Technology Professional and		89200	Graphic Visualisation	6cp
	Society	6cp	89201	Animation Genres Seminar	6cp
		Total 72cp	57130 89991	Animation Concepts Seminar Animation Project A	6cp
STM905	68 Entrepreneurial stream		89992	Animation Project B	12cp 12cp
21126	Capstone Project in Business Planning	6ср			Total 54cp
21227	Innovation and Entrepreneurship	6cp			1
22107	Accounting for Business Decisions A	6ср		92 Core subjects	
24108 25300	Marketing Foundations Fundamentals of Business Finance	6cp	11400	Digital Theory	6cp
31060	Information Systems Principles	6ср 6ср	11401 11402	Digital Master Class A Digital Architecture Project A	6ср 12ср
48210	Interrogating Technology: Sustainability,	оср	11402	Digital Master Class B	6cp
	Environment and Social Change	6ср	11404	Digital Architecture Project B	12cp
		Total 54cp		,	Total 42cp
CTMONE	40 Professional Experience		CTMOOF		
023156	69 Professional Experience Professional Experience 6:			95 Domestic students	70
023130	Promoting Student Centred Learning	6ср		credit points from the following options: 3 Advanced Nursing Practice	72cp 72cp
023157	Professional Experience 7:	oc _P		4 Nurse Practitioner	72cp 72cp
	Reflection on Educational Practice	6ср		1 Education	72cp
023158	Professional Experience 8: Analysing Current			5 Health Research	72cp
	Issues in Australian Education	6cp			Total 72cp
		Total 48cp	CTMOOF	O/ International students	
STM905	70 Key Learning Areas			96 International students credit points from the following options:	72 <i>c</i> n
024213	English Education 3	6ср		il Education	72cp 72cp
028222	Society, Science, Technology and the	1		5 Management	72cp
	Environment	6cp	,	O	Total 72cp
		Total 72cp	CT1/00-	OF Demostic at 1	-
STMONE	71 Contextual Studies			97 Domestic students	
	ce of electives.		92790	Evidence-based Practice	6cp
1100 01101	ce of electives.		92606 CBK9051	Issues in Australian Health Services 2 Sub-major/Four electives	6ср 24ср
STM905	72 Honours			4 Electives	12cp
015381	Thesis Development and Appraisal	6ср			Total 48cp
023634	Honours Thesis 1	12cp			-
023625	Research Seminar	6cp			
023635	Honours Thesis 2	12cp Total 36cp			
		10ш100ср			

STM905	98 International students		STM906	12 Project (three semesters) (PT)	
92790	Evidence-based Practice	6ср	49147	Graduate Project 30cp (Part 1 of 3)	
92606 CRK9051	Issues in Australian Health Services 3 Sub-major/Four electives	6ср 24ср	49148	(6cp + 12cp + 12cp) Graduate Project 30cp (Part 2 of 3)	6ср
	4 Electives	12cp	47140	(6cp + 12cp + 12cp)	12cp
		Total 48cp	49149	Graduate Project 30cp (Part 3 of 3) (6cp + 12cp + 12cp)	12ср
STM905	99 Information Management stream			(ocp + 12cp + 12cp)	Total 30cp
57084	Information Architecture and Design	8ср			•
57087	Knowledge Management and the Organisat			13 Project (two semesters)	
57089	Information Research and Data Analysis	8cp	49153	Graduate Project 30cp (Part 1 of 2) (2 x 15cp)	
57100 57146	People, Information and Knowledge Organising Information	8ср 8ср	49154	Graduate Project 30cp (Part 2 of 2) (2 x 15cp)	15cp Total 30cp
57148	Discovering and Accessing Information	8cp			тош зоср
	7 Electives	8cp	STM906	14 Project (three semesters) (FT)	
CBK9056	3 Master's option (Information Management)	16cp	49155	Graduate Project 30cp (Part 1 of 3) (3 x 10cp)	10cp
		Total 72cp	49156	Graduate Project 30cp (Part 2 of 3) (3 x 10cp)	
STM906	00 Knowledge Management stream		49157	Graduate Project 30cp (Part 3 of 3) (3 x 10cp)	10cp Total 30cp
57103	Knowledge Management Strategies	8ср			iotai socp
CBK9052	1 Electives	16cp	STM906	29 Electives	
57087	Knowledge Management and the Organisat		21814	Management Project Design	6ср
57100	People, Information and Knowledge	8cp	21815	Management Project	6cp
57089 CBK9056	Information Research and Data Analysis 5 Master's option (Knowledge Management)	8ср 16ср			Total 12cp
Select on	e of the following:	8cp	STM906	31 Core subjects	
5714	6 Organising Information	8cp	21779	Management Skills	6ср
5714	Enterprise Content Management	8cp	21797	Strategic Supply Chain Management	6cp
		Total 72cp	21743	Business Excellence	6ср
STM906	02 Applied International Business		21741	Managing Operations	6cp
21532	Applied International Business	6ср			Total 24cp
	redit points from the following options:	6ср	STM906	39 Core subjects (Property Development	t)
25421	International Financial Management	6ср	12518	Property Transactions	6ср
79603	International Business Transactions		17518	Advanced Property Development	6cp
22309	and the Law Accounting for Overseas Transactions	6ср 6ср	17704	Property Development Finance	6cp
21630	Global Strategic Management	6cp	17553	Construction Cost Planning	6cp
		Total 12cp			Total 24cp
CTM00/	02 International Management Field Stud	h.	STM906	40 Core subjects (Secondary Education)	
	.03 International Management Field Stud	-	013005	The Secondary School	6ср
21595 Select 6.c	International Management Field Study redit points from the following options:	6ср 6ср	013001	The Psychology of Adolescent Learning	6cp
25421	International Financial Management	6ср	013006 013007	Educating Students with Special Needs Professional Learning Portfolio	6cp
79603	International Business Transactions	1	013007	Issues in Indigenous Australian Education	6ср 3ср
22200	and the Law	6ср	013008	The Socio-cultural Contexts of Secondary	ocp
22309 21630	Accounting for Overseas Transactions Global Strategic Management	6cp		Education	3ср
21030	Global Strategic Management	6cp Total 12cp	013408	Designing Learning for a Digital Generation	
		-1			Total 36cp
	06 Project (two semesters) (FT)		STM906	42 Core subjects	
49183 49184	Graduate Project 18cp (Part 1 of 2) (2 x 9cp) Graduate Project 18cp (Part 2 of 2) (2 x 9cp)	9cp	86001	Strategies for Interior Design	6ср
47104	Graduate Project 16cp (Fart 2 of 2) (2 x 9cp)	9cp Total 18cp	86002	The Human Environment	6ср
		тош тоер	86420 85502	Interior Design Communication Researching Design History	6cp
STM906	07 Project (three semesters)		86110	Interior Design Communication: Digital Med	6cp dia 6cp
49189	Graduate Project 18cp (Part 1 of 3) (3 x 6cp)	6ср	86003	Interior Design Conceptualisation	6cp
49190	Graduate Project 18cp (Part 2 of 3) (3 x 6cp)	6ср	86320	Interior Materiality and Design Detail	6ср
49191	Graduate Project 18cp (Part 3 of 3) (3 x 6cp)	6cp Total 18cp	85503	Design Thinking	6cp
		10кш 10ср	86021 86022	Interior Design History Sustainable Human Futures:	6ср
STM906	08 Project (two semesters) (PT)		30022	Residential Environments	6ср
49195	Graduate Project 18cp (Part 1 of 2) (6cp + 12d		86023	Light, New Materials and Form	6cp
49196	Graduate Project 18cp (Part 2 of 2) (6cp + 12d		86024	Hospitality Environments	6cp
		Total 18cp	86025	Interior Elements and Design Detail	6cp
STM904	09 Project (two semesters) (FT)		86150 86031	Consumer Environments Directions in Spatial Experience	6ср 6ср
49197	Graduate Project 24cp (Part 1 of 2) (9cp + 15	ср) 9ср	86133	Interior Systems and Design Detail	6ср
49198	Graduate Project 24cp (Part 2 of 2) (9cp + 15c		86213	Interpreting Cultural Space	6ср
		Total 24cp	86160	Corporate Environments	6cp
CTM00/	10 Project (three competers)		85701 86041	Research Based Designing Interior Design Major Project: Research and	6ср
49192	110 Project (three semesters) Craduate Project 24cp (Part 1 of 3) (3 x 8cp)	Q	JUU-11	Conceptualisation	12cp
49192 49193	Graduate Project 24cp (Part 1 of 3) (3 x 8cp) Graduate Project 24cp (Part 2 of 3) (3 x 8cp)	8ср 8ср	86042	Interior Design Professional Project	12cp
49194	Graduate Project 24cp (Part 3 of 3) (3 x 8cp)	8cp	86871	Professional Practice for Interior Designers	6ср
	, 1	Total 24cp	86043	Interior Design Major Project: Realisation	12cp Total 156cp
STMON4	11 Project (two semesters) (PT)				10tai 130CP
49187	Graduate Project 24cp (Part 1 of 2) (2 x 12cp)	12cp			
49188	Graduate Project 24cp (Part 2 of 2) (2 x 12cp)				
	, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Total 24cp			

STM906	43 Core subjects		STM9064	47 Core subjects	
84110	Aesthetics in Industrial Design	6ср	21129	Managing People and Organisations	6ср
84111			21129		
	Understanding Three-dimensional Form	6cp		Innovation and Entrepreneurship	6cp
84112	Integrated Product Design Communications	6ср	21440	Management Skills	6ср
84113 84114	Problem Solving in Industrial Design Integrated Product Design Digital	6ср	21555	Human Resource Management	6cp Total 24cp
	Communication	6ср			
84115	Informing Integrated Product Design	6ср	STM9064	48 Core subjects	
85502	Researching Design History	6ср	87100	VC Project: Ways of Seeing	6ср
85503	Design Thinking	6ср	87117	VC Technology: Visible Language	6ср
84120	Structure, Form and Material in Industrial		87118	VC Studies: Image Experimentation	6cp
	Design	6ср	85502	Researching Design History	6cp
84121	Computer-aided Industrial Design	6ср	87222	VC Project: Symbols and Systems	6cp
84122	Ergonomics and Industrial Design	6ср	87333	VC Technology: Typography, Text and Forn	
84123	Material Manipulation	6ср	87221	VC Studies: Histories of Visual Communica	ntion 6cp
84124	Sustainability and Design	6ср	85503	Design Thinking	6cp
84130	Product Technology	6ср	87335	VC Project: Sequence and Narrative	6cp
84135	Ecodesign Practice	6ср	87443	VC Project: Typography in Context	6cp
84131	Industrial Design Directions	6cp	87445	VC Project: Visualising Experience	6cp
84133	Industrial Design Theory	6cp	87447	VC Technology: Motion Graphics	6cp
84134	Integrated Product Design Professional	1	87555	VC Project: Design Practice	6cp
	Communication	6ср	87551	VC Studies: Concepts of Professionalism	6cp
85701	Research Based Designing	6cp	87665	VC Project: The Community	6ср
84902	Industrial Design Major Project: Research and		85701	Research Based Designing	6ср
01702	Conceptualisation	12cp	87773	Visualising Research	12cp
84903	Industrial Design Professional Project	12cp	87880	Major Project VC	
84904	Integrated Product Design Major Project:	1200	87441	VC Studies: Contexts of Visual Communica	tion 6cp
01701	Realisation	12cp	0/441	v C studies. Contexts of visual Communica	Total 138cp
84772	Industrial Design Professional Practice	6cp			10tai 136cp
01772		Total 156cp	STMONA	49 Core subjects	
		rotar roocp			
STM90A	44 Core subjects		013953	Adult Learning in Context	6cp
		(013954	Program Design	6ср
83119	Thinking Fashion	6ср	013955	Assessing Learning	6ср
83881	An Introduction to Patternmaking and	(013956	Professional Practice 1	6ср
02121	Construction	6cp	013957	Professional Practice 2	6ср
83121	Fashion Communication: An Introduction	6ср			Total 30cp
85502	Researching Design History	6cp			
83231	Fashion Cultures	6ср		50 Core subjects	
83882	Foundations in Patternmaking and		013978	Research and Inquiry	6ср
02222	Construction 2	6cp	013982	Aboriginal Cultures	6ср
83233	Fashion Illustration Fundamentals 2	6cp	013974	The Psychology of Adult Learning	6ср
85503	Design Thinking	6cp	013980	Identity, Culture and Communication	6ср
83341	Fashion, Gender and Identity	6ср	013977	Teaching and Learning in Practice	6ср
83883	Couture Techniques	6ср	013970	Using Information Technology for Learning	
83343	Studio: Bespoke Fashion	6ср	013959	Communication and Learning	6ср
83344	Fashion Communication: Drawing and		013973	Adult Education Policy in Context	6cp
	Digital Media	6ср		,	Total 48cp
83888	New Textiles and Technologies	6ср			1
83563	Dress, Body and Couture	6ср	STM906!	51 Core subjects (Information Technolog	gy)
83568	Advanced Fashion and Textile Techniques	6ср	31265	Communication for IT Professionals	6ср
83884	Men's Collection	6ср	31266	Introduction to Information Systems	6cp
83886	Women's Collection	6ср	48023	Programming Fundamentals	6ср
83773	Fashion and Textiles Research Dissertation	6ср	31268	Web Systems	
85701	Research Based Designing	6ср	31269	Business Requirements Modelling	6ср 6ср
83774	Fashion and Textile Research and		31270	Networking Essentials	
	Conceptualisation	12cp	31270	Database Fundamentals	6cp
83777	Professional Practice for Fashion and Textile		31271	Project Management and the Professional	6cp
	Designers	6ср	312/2	1 Toject Management and the 1 Tolessional	6cp Total 48cp
83887	Fashion and Textile Design Major Project	24cp			10tai 48cp
	, , ,	Total 156cp	CTM00/I	E2 Constant Brainet	
		•		52 Capstone Project	
STM906	45 Core subjects			credit points from the following options:	12cp
013952	Research Perspectives	6ср	48012	Capstone Project	12cp
013951	Learning and Change	6cp	48016	Capstone Project Part A	6ср
010701	Zearran 6 arta erantge	Total 12cp	48026	Capstone Project Part B	6ср
		токи теер			Total 12cp
STM90A	46 Core subjects (Management)		6 =1.00	FO.M	
21779	Management Skills	6ср		53 Master's option without project	
21827	Change Management	6ср	57149	Information and Knowledge Management	
21717	International Management			Major Paper	8ср
21717	Managing Work and People	6cp	CBK90562	2 Electives	8cp
21720	Human Resource Management	6cp			Total 16cp
21720		6cp			-
	Managing Operations Management and Organisations	6cp	STM906	54 Master's option without project	
21800	Management and Organisations	6cp	57149	Information and Knowledge Management	
21832	Managing for Sustainability	6cp		Major Paper	8ср
21811	Global Strategic Management	6cp	CBK90564	4 Electives	8cp
		Total 54cp	2210000	- 3	Total 16cp
					P

STM9065	55 Core subjects		48840	Water Supply and Wastewater Engineering	6ср
99201	Global Histories	8ср	48850	Environmental Planning and Law	6ср
99202	Global Work	8cp	48860 65111	Pollution Control and Waste Management	6cp
99203 99204	Global Knowledges Global Governance	8cp	03111	Chemistry 1	6cp Total 84cp
99204	Global Work Project	8ср 8ср			
99206	Global Problem Solving	8cp	STM9067	72 Electrical stream	
	C	Total 48cp	48510	Introduction to Electrical Engineering	6ср
CTM00/	E Halv Danianal Chudian		48441	Introductory Digital Systems	6cp
	55 Italy Regional Studies	24	48521 48520	Fundamentals of Electrical Engineering Electronics and Circuits	6cp 6cp
976431) Italian Language and Culture Contemporary Italy	24cp 8cp	48531	Electromechanical Automation	6ср
970 4 31	Contemporary itary	Total 32cp	48530	Circuit Analysis	6ср
			68038	Advanced Mathematics and Physics	6ср
STM9066	66 France Regional Studies		48540	Signals and Systems	6ср
976411	Contemporary France	8cp	48430 48570	Embedded C Data Acquisition and Distribution	6ср 6ср
CBK90497	French Language and Culture	24cp	48451	Advanced Digital Systems	6cp
		Total 32cp	48572	Power Circuit Theory	6cp
STM9066	57 Germany Regional Studies		48571	Electrical Machines	6ср
976421	Contemporary Germany	8ср	48560	Introductory Control	6cp
	German Language and Culture	24cp			Total 84cp
		Total 32cp	STM9067	73 ICT stream	
CTM00/	(0.0		48023	Programming Fundamentals	6ср
	68 Core subjects (IT)		48410	Introduction to ICT Engineering	6ср
31265	Communication for IT Professionals	6cp	48441	Introductory Digital Systems	6cp
31266 48023	Introduction to Information Systems Programming Fundamentals	6ср 6ср	48471	ICT Analysis	6ср
31268	Web Systems	6ср	48481	ICT Design	6ср
31269	Business Requirements Modelling	6cp	48510 48541	Introduction to Electrical Engineering Signal Theory	6cp
31270	Networking Essentials	6ср	48720	Network Fundamentals	6ср 6ср
31271	Database Fundamentals	6ср		credit points from the following options:	36cp
31272 31257	Project Management and the Professional	6ср		2 Software Innovation choice	36ср
31237	Information System Development Methodologies	6ср		3 Telecommunications Innovation choice	36ср
31247	Collaborative Business Processes	6ср	CBK90864	1 Computer Systems Innovation choice	36cp
31245	Business Process and IT Strategy	6cp			Total 84cp
48024	Applications Programming	6ср	STM9067	74 Mechanical stream	
48440	Software Engineering Practice	6cp	48221	Engineering Computations	6ср
31281	Systems Development Project	12cp Total 90cp	48331	Mechanics of Solids	6cp
		iotai zoep	48510	Introduction to Electrical Engineering	6ср
STM9066	69 Core subjects (Industry)		48600	Mechanical Design 1	6cp
31491	Industry Project 1	9ср	48610	Introduction to Mechanical and Mechatron Engineering	іс 6ср
31489	Industry Study 1	6ср	48620	Fundamentals of Mechanical Engineering	6ср
31492	Industry Project 2	9ср	48621	Manufacturing Engineering	6ср
31490	Industry Study 2	6cp Total 30cp	48642	Strength of Engineering Materials	6ср
		iotai socp	48650	Mechanical Design 2	6ср
STM9067	70 Civil stream		48670 Soloct 24 c	Mechanical and Mechatronic Design credit points from the following options:	6ср 24ср
48221	Engineering Computations	6ср		5 Mechanical Innovation choice	24cp
48310	Introduction to Civil and Environmental	-	0210000	The Charles and Table Table	Total 84cp
40220	Engineering	6ср			1
48320 48321	Surveying Engineering Machanics	6cp		75 Mechanical and Mechatronic stream	
48330	Engineering Mechanics Soil Behaviour	6ср 6ср	48023	Programming Fundamentals	6ср
48331	Mechanics of Solids	6cp	48331 48510	Mechanics of Solids Introduction to Electrical Engineering	6cp
48340	Construction	6cp	48610	Introduction to Mechanical and Mechatron	6cp
48349	Structural Analysis	6ср	10010	Engineering	6ср
48352	Construction Materials	6cp	48620	Fundamentals of Mechanical Engineering	6cp
48360 48362	Geotechnical Engineering Hydraulics and Hydrology	6ср 6ср	48621	Manufacturing Engineering	6ср
48370	Road and Transport Engineering	6ср	48622	Mechatronics 1	6ср
48641	Fluid Mechanics	6cp	48623 48642	Mechatronics 2 Strength of Engineering Materials	6ср 6ср
60101	Chemistry and Materials Science	6ср	48650	Mechanical Design 2	6ср
		Total 84cp	48670	Mechanical and Mechatronic Design	6ср
STMONAT	71 Civil and Environmental stream		48600	Mechanical Design 1	6cp
48221	Engineering Computations	6ср		credit points from the following options:	12cp
48310	Introduction to Civil and Environmental	оср	CBK90866	6 Mechanical and Mechatronics Innovation choice	12cp
	Engineering	6ср		Choice	Total 84cp
48321	Engineering Mechanics	6ср			ш-отер
48330	Soil Behaviour	6ср	STM9067	76 Physical Sciences stream	
48331 48340	Mechanics of Solids Construction	6ср 6ср		9 Foundation stream (Physical Sciences)	48cp
48352	Construction Materials	6ср 6ср		credit points from the following options:	96cp
48362	Hydraulics and Hydrology	6ср		2 Major choice (Applied Chemistry) 5 Major choice (Applied Physics	96ср
48641	Fluid Mechanics	6ср	CDK70030	Nanotechnology)	96ср
48821	Ecological Engineering	6ср		٠ رن	Total 144cp

CTMON47'	7 Life Sciences stream			CTMON40	Core subjects (Medical and Melecular	Diale	and)
	Foundation stream			91320	4 Core subjects (Medical and Molecular Metabolic Biochemistry	Біоц	
3110190000	(Life and Environmental Sciences)	4	8ср	91314	General Microbiology		6ср 6ср
Select 96 cr	edit points from the following options:		6ср 6ср		Molecular Biology 1		6ср
		96ср	···r		Medical and Molecular Biology choice		18cp
	Major choice (Environmental and	-		CBK90579	Elective 1		6ср
		96cp		CBK90580	Elective 2		6cp
	No specified major (Life and	06 an				Tota	l 48cp
	Environmental Sciences)	96cp Total 14	4cp	STM9048	5 Core subjects (Environmental Biology	1	
		1014111	rep	91110	Experimental Design and Sampling	•	6ср
STM90678	B Mathematical Sciences stream			91154	Ecology Ecology		6ср
STM90681	Foundation stream (Mathematical Sciences)	48	8ср	91149	Geological Processes		6cp
CBK90574	Major choice (Mathematical Sciences)	9	6ср	91120	GIS and Remote Sensing		6ср
		Total 14	4ср	91121	Aquatic Ecology		6ср
CTMON470	Foundation stroam (Physical Science	-1		91145	Environmental Protection and Management		6cp
	Foundation stream (Physical Sciences			91363	redit points from the following options: Animal Behaviour and Physiology	6ср	12cp
	Mathematical Modelling for Science Chemistry 1		6ср 6ср		Plant Physiology and Ecophysiology	6ср	
	Foundations of Physics			91159	Environmental Forensics	6ср	
	of the following:		6ср	65621	Environmental Chemistry	6ср	
91161	Cell Biology and Genetics	6ср	1			Tota	l 48cp
91107	The Biosphere	6ср		CTM00/0	/ Comp subjects (Mathematics)		
	Statistics and Mathematics for Science		I		6 Core subjects (Mathematics)		
	Chemistry 2 Physics in Action		6cp	35212 35241	Computational Linear Algebra Optimisation in Quantitative Management		6cp
	Introduction to Materials		6ср 6ср	35363	Stochastic Models		6ср 6ср
00070	introduction to Materials	Total 4	8cp	35232	Advanced Calculus		6ср
			- 1		Differential Equations		6cp
STM90680) Foundation stream (Life and Environn	mental		35353	Regression Analysis		6ср
Sciences)					redit points from the following options:		12cp
91161	Cell Biology and Genetics		6ср	65111	Chemistry 1	6cp	
	Chemistry 1		6ср	68101 91161	Foundations of Physics	6cp	
	The Biosphere		6ср	65212	Cell Biology and Genetics Chemistry 2	6cp 6cp	
	Statistical Design and Analysis		6cp		Physics in Action	6cp	
	Chemistry 2 Physical Aspects of Nature		6ср 6ср		Introduction to Materials	6cp	
	Biocomplexity		6ср 6ср	91107	The Biosphere	6cp	
	Human Anatomy and Physiology		6ср	91123	Biocomplexity	6cp	
	, , ,	Total 4	8cp	91400 65202	Human Anatomy and Physiology	6cp	
C=1.400.40				65410	Organic Chemistry 1 Chemical Safety and Legislation	6cp 6cp	
	Foundation stream (Mathematical Sci				Physical Chemistry 1	6ср	
	Introduction to Quantitative Management		6ср	65409	Analytical Chemistry 2	6cp	
	Introduction to Linear Dynamical Systems Introduction to Statistics		6ср 6ср	65508	Organic Chemistry 2	6ср	
	Foundation subject choice A		6ср 6ср		Inorganic Chemistry 1	6cp	
	Introduction to Sample Surveys		6ср		Physical Chemistry 2	6cp	
	Introduction to Analysis and Multivariable		1	65306 68075	Analytical Chemistry 1 Nanomaterials	6cp	
	Calculus		6ср	68316	Applied Electronics and Interfacing	6cp 6cp	
	Applications of Discrete Mathematics		6ср	68606	Solid-state Science and Nanodevices	6cp	
CBK90/97	Foundation subject choice B	Total 4	6cp 8cp	68315	Imaging Science	6ср	
		10tai 4	оср	68413	Quantum Physics	6cp	
STM90682	2 Core subjects (Chemistry)			68320 68513	Scanning Probe and Electron Microscopy	6cp	
	Organic Chemistry 1		6ср	68513 35252	Optics and Nanophotonics Mathematical Statistics	6cp 6cp	
65307	Physical Chemistry 1		6ср	35322	Advanced Analysis	6ср	
65410	Chemical Safety and Legislation	(6ср	35335	Mathematical Methods	6ср	
	Analytical Chemistry 1		6ср	35340	Quantitative Management Practice	6cp	
	Inorganic Chemistry 1		6cp	35342	Nonlinear Methods in Quantitative	_	
	Organic Chemistry 2 Analytical Chemistry 2		6cp 6cp	2=244	Management	6ср	
	Physical Chemistry 2		6ср 6ср	35344	Network and Combinatorial	600	
	, - :	Total 4		35355	Optimisation Quality Control	6cp	
			-	35356	Design and Analysis of Experiments	6ср	
	3 Core subjects (Physics and Nanotechi	nology)		35361	Stochastic Processes	6cp	
	Mathematics for Physical Science		6ср	35383	High Performance Computing	6ср	
	Nanomaterials		6cp	35391	Seminar (Mathematics)	6cp	
	Applied Electronics and Interfacing		6cp 6cp	35393	Seminar (Statistics)	6cp	1 40
	Solid-state Science and Nanodevices Imaging Science		6ср 6ср			iota	l 48cp
	Quantum Physics			STM9068	7 Core subjects (PLT)		
68320	Scanning Probe and Electron Microscopy				Core subjects		18cp
	Optics and Nanophotonics	(6ср		Option (Law)		6ср
		Total 4	8ср		-	Tota	l 24cp

	38 Core subjects	
70115	Perspectives on Law	8cp
70120	Legal Method and Research	6cp
70218	Criminal Law	8ср
70311	Torts	8ср
70211	Contracts	8cp
70616	Australian Constitutional Law	8ср
70317	Real Property	8cp
70327	Commercial Law	6cp
70517	Equity and Trusts	8cp
70417	Corporate Law	8cp
70617	Administrative Law	8cp
70717	Evidence and Criminal Procedure	6cp
75421	Civil Litigation	6cp
75420	Ethics and Professional Conduct	6cp
		Total 102cp
STM9068	39 Core subjects	
70115	Perspectives on Law	8cp
70120	Legal Method and Research	6cp
Select 16 o	credit points from the following options:	16cp
70218	Criminal Law	8cp
70311	Torts	8cp
70211	Contracts	8cp
70616	Australian Constitutional Law	8ср
70617	Administrative Law	8cp
		Total 30cp
STM9069	70 Core subjects	
75412	Legal Skills	6ср
75413	Advocacy	6cp
75403	Commercial and Estate Practice	6ср
75402	Property Transactions	6cp
75411	Practical Experience	0cp
75421	Civil Litigation	6cp
75420	Ethics and Professional Conduct	6cp
		Total 36cp
		1
	71 Law stream	400
	8 Core subjects	102cp
CBK90383	3 Options	42cp
		Total 144cp
STM9069	92 Core subjects	
11501	Architectural Practice: Advocacy	6ср
11502	Architectural Practice: Finance and Project	, -r
	Management	6ср
11503	Architectural Practice: The Profession	6cp

STM90693 Core subjects

11504

013953	Adult Learning in Context	6ср
013954	Program Design	6ср
013955	Assessing Learning	6ср
		Total 18cp

STM90694 No specified major (Life and Environmental Sciences)

Architectural Practice: The City

The flexibility of this major gives students the opportunity to choose study areas in line with their interests, abilities and career aspirations. Flexibility can be important to students who are uncertain of their career path, students who have not yet decided which area they wish to specialise in, or students who have decided to undertake a general science degree with a cross-disciplinary mix of studies.

Choosing to not specify a major gives students the opportunity to experience and confirm their interests and expectations, and assists them to tease out the study area they are interested in. It also enables students to focus on their career choice according to their interests while keeping their options open.

In addition, students can choose this major for their first year of study. Then, once they have experienced a range of science disciplines in the first year, they can go on to choose a major at the end of their first year.

The majors on offer are: applied chemistry, applied physics, biotechnology, biomedical science, environmental biology, environmental forensics, marine biology, mathematics, medical science, nanotechnology and statistics.

Students can also decide against choosing a major but choose a range of second- and third-year subjects to match their interests and aspirations, leading to a Bachelor of Science award without a specified major. Students can also include sub-majors in other course areas such as business, law, information technology, communication.

Completion requirements

CBK90598	Level 2 subject choice (Life and Environmental	1
	Sciences)	36cp
CBK90599	Level 3 subject choice (Life and Environmental	1
	Sciences)	36cp
CBK90801	Sub-major/Electives	24cp
	ř	Total 96cr

STM90695 Core subjects

32555	Fundamentals of Software Development	6ср
32524	LANS and Routing	6cp
32557	Enabling Enterprise Information Systems	6cp
32606	Database	6cp
		Total 24cp

STM90696 Core subjects

31117007	o ooi e subjects	
22747	Accounting for Managerial Decisions	6ср
25742	Financial Management	6ср
79708	Contemporary Business Law	6ср
23706	Economics for Management	6ср
22748	Financial Reporting and Analysis	6ср
22705	Management Planning and Control	6ср
22753	Cost Management and Analysis	6ср
22754	Corporate Accounting	6ср
77947	Companies and Securities Law	6ср
22730	Auditing and Assurance Services	6ср
22743	Business Valuation and Financial Analysis	6ср
77938	Introduction to Taxation Law	6ср
21878	Organisational Dialogue: Theory and Practice	6ср
		Total 78cp

STM90697 No specified major (Physical Sciences)

The flexibility of this major gives students the opportunity to choose study areas in line with their interests, abilities and career aspirations. Flexibility can be important to students who are uncertain of their career path, students who have not yet decided which area they wish to specialise in, or students who have decided to undertake a general science degree with a cross-disciplinary mix of studies.

Choosing to not specify a major gives students the opportunity to experience and confirm their interests and expectations, and assists them to tease out the study area they are interested in. It also enables students to focus on their career choice according to their interests while keeping their options open.

In addition, students can choose this major for their first year of study. Then, once they have experienced a range of science disciplines in the first year, they can go on to choose a major at the end of their first year.

Majors on offer are: applied chemistry, applied physics, biotechnology, biomedical science, environmental biology, environmental forensics, marine biology, mathematics, medical science, nanotechnology and

Students can also decide against choosing a major but choose a range of second- and third-year subjects to match their interests and aspirations, leading to a Bachelor of Science award without a specified major. Students can also include sub-majors in other course areas such as business, law, information technology, communication.

Completion requirements

6ср

Total 24cp

CBK90606 Level 2 subject choice (Physical Sciences)	36cp
CBK90607 Level 3 subject choice (Physical Sciences)	36cp
CBK90801 Sub-major/Electives	24cp
•	Total 96cp

STM90698 PDHPE stream

27149	Performance Studies 1: Gymnastics and Dan	се 6ср
27249	Performance Studies 2: Dance and Athletics	6ср
27349	Performance Studies 3: Sport and Aquatics	6ср
CBK90610	Elective	6cp
		Total 24cp

STM90699 Control thread

48560	Introductory Control	6ср
48580	Advanced Control	6cp
49274	Advanced Robotics	6cp
		Total 18cp

3114170	700 Electronics thread		92320	Health and Society	6ср
48570	Data Acquisition and Distribution	6ср	92314	Assessment and Therapeutics in Health Ca	are 2 6cp
48581	Digital Electronics	6cp	92328	Workshops for Practice Readiness 2	6ср
48551	Analog Electronics	6cp	92324 92323	Professional Identity	6cp
		Total 18cp	92323	Fundamentals of Mental Health Nursing Nursing Care of the Older Person	6ср 6ср
CTM00'	701 Embedded Systems thread		92322	Medical Surgical Nursing	6ср
48434	Embedded Software	6an	92319	Family and Children's Nursing	6cp
48450	Real-time Operating Systems	6ср 6ср	92317	Contemporary Indigenous Health and	1
48451	Advanced Digital Systems	6ср		Wellbeing	6ср
		Total 18cp	91529	Pathophysiology and Pharmacology 1	6ср
		•	92318 91530	Evidence for Nursing Pathophysiology and Pharmacology 2	6cp
STM90	702 Energy thread		91528	Health and Homeostasis	6ср 6ср
48571	Electrical Machines	6ср	71320	realth and riomeostasis	Total 96cp
48561	Power Electronics and Drives	6cp			1
48550	Renewable Energy Systems	6cp Total 18cp	STM907	711 Core subjects	
		rotar rocp	92330	Complex Nursing Care: Medical Surgical	6ср
STM90'	703 Power Systems thread		92316	Complex Nursing Care: Mental Health	6ср
48583	Power Systems Operation and Protection	6ср	92329 91527	Accountability in Nursing Practice	6cp
48582	Power Systems Analysis and Design	6cp	92331	Pathophysiology and Pharmacology 3 Integrated Nursing Concepts	6ср 6ср
48572	Power Circuit Theory	6cp	92312	Integrated Nursing Practice	6ср
		Total 18cp	92325	Professionalism in Context	6cp
CTM00'	704 Accounting stream		CBK9083	19 Choice	6ср
22319	Financial Statement Analysis (Capstone)	6cn			Total 48cp
22320	Accounting for Business Combinations	6ср 6ср	CTMON	712 Haalth Carvisas Managament (No. m	aiorl
22420	Accounting Standards and Regulations	6ср		712 Health Services Management (No m	-
79017	Taxation Law	6ср	21720 26703	Human Resource Management Introductory Health Economics	6ср 6ср
		Total 24cp	92023	Health Services Resource Management	6ср
CTMOO	70F Finance streets		92887	Organisational Management in Health Car	
	705 Finance stream		STM907	63 Core subjects (Health Services Managemei	
25503 25556	Investment Analysis	6cp		credit points from the following options:	12cp
25557	The Financial System Corporate Finance: Theory and Practice	6ср 6ср	CBK9054	44 Electives	12cp
25622	Quantitative Business Analysis	6ср			Total 72cp
	2	Total 24cp	STM907	713 Core subjects	
		•	92606	Issues in Australian Health Services	6ср
	706 Core subjects (Property)		92847	Planning and Evaluating Health Services	6cp
15143	Group Project A: Urban Renewal	6cp	92917	Using Health Care Data for Decision Maki	
12518	Property Transactions	6cp		O .	Total 18cp
12518	Property Transactions	Total 12cp	CTM00'		Total 18cp
	. ,			714 Core subjects	Total 18cp
	707 Core subjects Photographic History and Theory	Total 12cp	STM907 15604	714 Core subjects Local Government Management Principle	Total 18cp
STM90	707 Core subjects		15604	714 Core subjects Local Government Management Principles Practice 1	Total 18cp s and 6cp
STM90 7 80027 80037 80048	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation	6cp 6cp 6cp		714 Core subjects Local Government Management Principle	Total 18cp s and 6cp 6cp
STM90 7 80027 80037 80048 80066	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image	6cp 6cp 6cp 6cp 12cp	15604 15611	714 Core subjects Local Government Management Principle: Practice 1 Managing Local Enterprise	Total 18cp s and 6cp 6cp al 6cp
STM907 80027 80037 80048 80066 80065	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention	6cp 6cp 6cp 6cp 12cp 12cp	15604 15611	714 Core subjects Local Government Management Principle: Practice 1 Managing Local Enterprise Corporate Management and Organisations	Total 18cp s and 6cp 6cp
STM90 7 80027 80037 80048 80066	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image	6cp 6cp 6cp 12cp 12cp 12cp	15604 15611 15608	714 Core subjects Local Government Management Principles Practice 1 Managing Local Enterprise Corporate Management and Organisations Change	Total 18cp s and 6cp 6cp al 6cp
STM907 80027 80037 80048 80066 80065	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention	6cp 6cp 6cp 6cp 12cp 12cp	15604 15611 15608 STM907	714 Core subjects Local Government Management Principles Practice 1 Managing Local Enterprise Corporate Management and Organisations Change	Total 18cp s and 6cp 6cp al 6cp Total 18cp
STM903 80027 80037 80048 80066 80065 80031	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention Graduation Exhibition	6cp 6cp 6cp 12cp 12cp 12cp	15604 15611 15608 STM907 58118	714 Core subjects Local Government Management Principles Practice 1 Managing Local Enterprise Corporate Management and Organisations Change 715 Advertising stream Principles of Advertising	Total 18cp s and 6cp 6cp al 6cp Total 18cp
STM903 80027 80037 80048 80066 80065 80031	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention	6cp 6cp 6cp 12cp 12cp 12cp	15604 15611 15608 STM907 58118 58129	714 Core subjects Local Government Management Principles Practice 1 Managing Local Enterprise Corporate Management and Organisations Change 715 Advertising stream Principles of Advertising Advertising Campaign Practice	Total 18cp s and 6cp 6cp al 6cp Total 18cp
STM907 80027 80037 80048 80066 80065 80031 STM907 75411 75412	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention Graduation Exhibition 708 Practical Legal Training Practical Experience Legal Skills	6cp 6cp 6cp 12cp 12cp 12cp Total 54cp	15604 15611 15608 STM907 58118	714 Core subjects Local Government Management Principles Practice 1 Managing Local Enterprise Corporate Management and Organisations Change 715 Advertising stream Principles of Advertising	Total 18cp s and 6cp 6cp al 6cp Total 18cp 8cp 8cp 8cp
STM907 80027 80037 80048 80066 80065 80031 STM907	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention Graduation Exhibition 708 Practical Legal Training Practical Experience	6cp 6cp 6cp 12cp 12cp 12cp Total 54cp	15604 15611 15608 STM907 58118 58129 58229	714 Core subjects Local Government Management Principles Practice 1 Managing Local Enterprise Corporate Management and Organisations Change 715 Advertising stream Principles of Advertising Advertising Campaign Practice Brand Advertising Strategies	Total 18cp s and 6cp 6cp al 6cp Total 18cp
STM907 80027 80037 80048 80066 80065 80031 STM907 75411 75412	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention Graduation Exhibition 708 Practical Legal Training Practical Experience Legal Skills	6cp 6cp 6cp 12cp 12cp 12cp Total 54cp	15604 15611 15608 STM907 58118 58129 58229 58230	Practice 1 Management Management Principles Practice 1 Managing Local Enterprise Corporate Management and Organisations Change Principles of Advertising Advertising Campaign Practice Brand Advertising Strategies Professional Advertising Practice	Total 18cp s and 6cp 6cp al 6cp Total 18cp 8cp 8cp 8cp 8cp 8cp
STM907 80027 80037 80048 80066 80065 80031 STM907 75411 75412 75413	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention Graduation Exhibition 708 Practical Legal Training Practical Experience Legal Skills Advocacy	6cp 6cp 6cp 12cp 12cp 12cp Total 54cp	15604 15611 15608 STM907 58118 58129 58229 58230 STM907	714 Core subjects Local Government Management Principles Practice 1 Managing Local Enterprise Corporate Management and Organisations Change 715 Advertising stream Principles of Advertising Advertising Campaign Practice Brand Advertising Strategies Professional Advertising Practice	Total 18cp s and 6cp 6cp al 6cp Total 18cp 8cp 8cp 8cp 8cp 8cp Total 32cp
STM902 80027 80037 80048 80066 80065 80031 STM902 75411 75412 75413	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention Graduation Exhibition 708 Practical Legal Training Practical Experience Legal Skills Advocacy 709 Core subjects (Accounting Information	6cp 6cp 6cp 12cp 12cp 12cp Total 54cp	15604 15611 15608 STM907 58118 58129 58229 58230 STM907 58117	714 Core subjects Local Government Management Principles Practice 1 Managing Local Enterprise Corporate Management and Organisations Change 715 Advertising stream Principles of Advertising Advertising Campaign Practice Brand Advertising Strategies Professional Advertising Practice	Total 18cp s and 6cp 6cp al 6cp Total 18cp 8cp 8cp 8cp 8cp Total 32cp 8cp
STM907 80027 80037 80048 80066 80065 80031 STM907 75411 75412 75413 STM907 System	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention Graduation Exhibition 708 Practical Legal Training Practical Experience Legal Skills Advocacy 709 Core subjects (Accounting Informations)	6cp 6cp 6cp 12cp 12cp 12cp Total 54cp	15604 15611 15608 STM907 58118 58129 58229 58230 STM907 58117 58128	Principles of Advertising Practice Brand Advertising Stream Principles Of Advertising Practice Brand Advertising Strategies Professional Advertising Practice Brand Principles of Strategies Professional Advertising Practice Brand Principles Of Public Relations Strategies Professional Practice	Total 18cp s and 6cp 6cp al 6cp Total 18cp 8cp 8cp 8cp 8cp Total 32cp 8cp 8cp
\$TM907 80027 80037 80048 80066 80065 80031 \$TM907 75411 75412 75413 \$TM907 \$System 22747	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention Graduation Exhibition 708 Practical Legal Training Practical Experience Legal Skills Advocacy 709 Core subjects (Accounting Informations) Accounting for Managerial Decisions	6cp 6cp 6cp 12cp 12cp 12cp Total 54cp Ocp 6cp 6cp 6cp	15604 15611 15608 STM907 58118 58129 58229 58230 STM907 58117 58128 58214	Practice 1 Managing Local Enterprise Corporate Management and Organisations Change Principles of Advertising Advertising Campaign Practice Brand Advertising Strategies Professional Advertising Practice Brand Relations Principles of Public Relations Strategic Public Relations Media Writing and Production	Total 18cp s and 6cp 6cp al 6cp Total 18cp 8cp 8cp 8cp 8cp Total 32cp 8cp 8cp 8cp
STM907 80027 80037 80048 80066 80065 80031 STM907 75411 75412 75413 STM907 System	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention Graduation Exhibition 708 Practical Legal Training Practical Experience Legal Skills Advocacy 709 Core subjects (Accounting Informations) Accounting for Managerial Decisions Accounting and ERP	6cp 6cp 6cp 12cp 12cp 12cp Total 54cp Ocp 6cp 6cp Total 12cp	15604 15611 15608 STM907 58118 58129 58229 58230 STM907 58117 58128	Principles of Advertising Practice Brand Advertising Stream Principles Of Advertising Practice Brand Advertising Strategies Professional Advertising Practice Brand Principles of Strategies Professional Advertising Practice Brand Principles Of Public Relations Strategies Professional Practice	Total 18cp s and 6cp 6cp al 6cp Total 18cp 8cp 8cp 8cp 8cp Total 32cp 8cp 8cp 8cp
\$TM90.5 80027 80037 80048 80066 80065 80031 \$TM90.5 75411 75412 75413 \$TM90.5 \$System 22747 22759 22766 22708	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention Graduation Exhibition 708 Practical Legal Training Practical Experience Legal Skills Advocacy 709 Core subjects (Accounting Informations) Accounting for Managerial Decisions	6cp 6cp 6cp 12cp 12cp 12cp Total 54cp Ocp 6cp 6cp 6cp	15604 15611 15608 STM907 58118 58129 58229 58230 STM907 58117 58128 58214 58231	Tocal Government Management Principles Practice 1 Managing Local Enterprise Corporate Management and Organisations Change To Advertising stream Principles of Advertising Advertising Campaign Practice Brand Advertising Strategies Professional Advertising Practice Professional Relations Principles of Public Relations Strategic Public Relations Media Writing and Production Organisational Communication	Total 18cp s and 6cp 6cp al 6cp Total 18cp 8cp 8cp 8cp 8cp Total 32cp 8cp 8cp 8cp
\$TM90.580027 80027 80037 80048 80066 80065 80031 \$TM90.575411 75412 75413 \$TM90.59\$tem 22747 22759 22766 22708 25742	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention Graduation Exhibition 708 Practical Legal Training Practical Experience Legal Skills Advocacy 709 Core subjects (Accounting Informations) Accounting for Managerial Decisions Accounting and ERP Assurance for Enterprise Systems Accounting Information Systems Financial Management	6cp 6cp 6cp 12cp 12cp 12cp Total 54cp Total 54cp	15604 15611 15608 STM907 58118 58129 58229 58230 STM907 58117 58128 58214 58231 STM907	Practice 1 Managing Local Enterprise Corporate Management and Organisations Change Principles of Advertising Advertising Campaign Practice Brand Advertising Strategies Professional Advertising Practice Brand Relations Principles of Public Relations Strategic Public Relations Media Writing and Production	Total 18cp s and 6cp 6cp al 6cp Total 18cp 8cp 8cp 8cp 8cp Total 32cp 8cp 8cp 8cp
STM907 80027 80037 80048 80066 80065 80031 STM907 75411 75412 75413 STM907 System 22747 22759 22766 22708 25742 22776	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention Graduation Exhibition 708 Practical Legal Training Practical Experience Legal Skills Advocacy 709 Core subjects (Accounting Informations) Accounting for Managerial Decisions Accounting and ERP Assurance for Enterprise Systems Accounting Information Systems Financial Management Business Information Systems	6cp 6cp 6cp 12cp 12cp 12cp Total 54cp Total 12cp	15604 15611 15608 STM907 58118 58129 58229 58230 STM907 58117 58128 58214 58231 STM907 24742	Core subjects Local Government Management Principles Practice 1 Managing Local Enterprise Corporate Management and Organisations Change Chang	Total 18cp s and 6cp 6cp all 6cp Total 18cp 8cp 8cp 8cp 8cp 8cp 8cp Total 32cp 8cp 8cp 8cp 8cp 6cp 6cp
\$TM90.5 80027 80037 80048 80066 80065 80031 \$TM90.5 75411 75412 75413 \$TM90.5 System 22747 22759 22766 22708 25742 22776 22797	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention Graduation Exhibition 708 Practical Legal Training Practical Experience Legal Skills Advocacy 709 Core subjects (Accounting Informations) Accounting for Managerial Decisions Accounting and ERP Assurance for Enterprise Systems Accounting Information Systems Financial Management Business Information Systems Business Information Systems Business Information Systems	6cp 6cp 12cp 12cp 12cp Total 54cp Ocp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	15604 15611 15608 STM907 58118 58129 58229 58230 STM907 58117 58128 58214 58231 STM907 24742 24713	Core subjects Local Government Management Principles Practice 1 Managing Local Enterprise Corporate Management and Organisations Change Chang	Total 18cp s and 6cp 6cp al 6cp Total 18cp Total 32cp Total 32cp Total 32cp Total 32cp
\$TM907 80027 80037 80048 80066 80065 80031 \$TM907 75411 75412 75413 \$TM907 \$ystem 22747 22759 22766 22708 25742 22776 22797 22783	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention Graduation Exhibition 708 Practical Legal Training Practical Experience Legal Skills Advocacy 709 Core subjects (Accounting Informations) Accounting for Managerial Decisions Accounting and ERP Assurance for Enterprise Systems Accounting Information Systems Financial Management Business Information Systems Business Intelligence 1: Advanced Analysis Business Intelligence 2: Advanced Planning	6cp 6cp 12cp 12cp 12cp 12cp Total 54cp Ocp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	15604 15611 15608 STM907 58118 58129 58229 58230 STM907 58117 58128 58214 58231 STM907 24742 24713 24760	Core subjects Local Government Management Principles Practice 1 Managing Local Enterprise Corporate Management and Organisations Change Chang	Total 18cp s and 6cp 6cp al 6cp Total 18cp Total 32cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp Total 32cp 6cp 6cp 6cp
\$TM90.5 80027 80037 80048 80066 80065 80031 \$TM90.5 75411 75412 75413 \$TM90.5 System 22747 22759 22766 22708 25742 22776 22797	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention Graduation Exhibition 708 Practical Legal Training Practical Experience Legal Skills Advocacy 709 Core subjects (Accounting Informations) Accounting for Managerial Decisions Accounting and ERP Assurance for Enterprise Systems Accounting Information Systems Financial Management Business Information Systems Business Intelligence 1: Advanced Analysis Business Intelligence 2: Advanced Planning Cost Management and Analysis	6cp 6cp 12cp 12cp 12cp 12cp Total 54cp Ocp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	15604 15611 15608 STM907 58118 58129 58229 58230 STM907 58117 58128 58214 58231 STM907 24742 24713	Core subjects Local Government Management Principles Practice 1 Managing Local Enterprise Corporate Management and Organisations Change Chang	Total 18cp s and 6cp 6cp al 6cp Total 18cp Total 32cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp Total 32cp 6cp 6cp 6cp 6cp
\$TM90.5 80027 80037 80048 80066 80065 80031 \$TM90.5 75411 75412 75413 \$TM90.5 System 22747 22759 22766 22708 25742 22776 22797 22783 22705 22782	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention Graduation Exhibition 708 Practical Legal Training Practical Experience Legal Skills Advocacy 709 Core subjects (Accounting Informations) Accounting for Managerial Decisions Accounting and ERP Assurance for Enterprise Systems Accounting Information Systems Financial Management Business Information Systems Business Intelligence 1: Advanced Analysis Business Intelligence 2: Advanced Planning	6cp 6cp 12cp 12cp 12cp 12cp Total 54cp Ocp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	15604 15611 15608 STM907 58118 58129 58229 58230 STM907 58117 58128 58214 58231 STM907 24742 24713 24760	Core subjects Local Government Management Principles Practice 1 Managing Local Enterprise Corporate Management and Organisations Change Chang	Total 18cp s and 6cp 6cp al 6cp Total 18cp Total 32cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp Total 32cp 6cp 6cp 6cp
\$TM90.27 80027 80037 80048 80066 80065 80031 \$TM90.7 75411 75412 75413 \$TM90.7 \$System 22747 22759 22766 22708 25742 22776 22776 22797 22783 22753 22705	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention Graduation Exhibition 708 Practical Legal Training Practical Experience Legal Skills Advocacy 709 Core subjects (Accounting Informations) Accounting for Managerial Decisions Accounting and ERP Assurance for Enterprise Systems Accounting Information Systems Financial Management Business Information Systems Business Intelligence 1: Advanced Analysis Business Intelligence 2: Advanced Planning Cost Management and Analysis Management Planning and Control	6cp 6cp 12cp 12cp 12cp 12cp Total 54cp Ocp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	15604 15611 15608 STM907 58118 58129 58229 58230 STM907 58117 58128 58214 58231 STM907 24742 24713 24760 24736	Core subjects Local Government Management Principles Practice 1 Managing Local Enterprise Corporate Management and Organisations Change Chang	Total 18cp s and 6cp 6cp al 6cp Total 18cp Total 32cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 7otal 32cp 6cp 6cp 6cp 6cp
\$TM90.5 80027 80037 80048 80066 80065 80031 \$TM90.5 75411 75412 75413 \$TM90.5 System 22747 22759 22766 22708 25742 22776 22797 22783 22705 22782	707 Core subjects Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention Graduation Exhibition 708 Practical Legal Training Practical Experience Legal Skills Advocacy 709 Core subjects (Accounting Informations) Accounting for Managerial Decisions Accounting and ERP Assurance for Enterprise Systems Accounting Information Systems Financial Management Business Information Systems Business Information Systems Business Information Systems Business Intelligence 1: Advanced Analysis Business Intelligence 2: Advanced Planning Cost Management and Analysis Management Planning and Control Business Process Integration with ERP	6cp 6cp 12cp 12cp 12cp 12cp Total 54cp Ocp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	15604 15611 15608 STM907 58118 58129 58229 58230 STM907 58117 58128 58214 58231 STM907 24742 24713 24760 24736 STM907 24738	Core subjects Local Government Management Principles Practice 1 Managing Local Enterprise Corporate Management and Organisations Change Chan	Total 18cp s and 6cp 6cp al 6cp Total 18cp Total 32cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 7otal 32cp 6cp 6cp 6cp 6cp
STM90: 80027 80037 80048 80066 80065 80031 STM90: 75411 75412 75413 STM90: System 22747 22759 22766 22708 25742 22776 22797 22783 22753 22705 22782 22787	Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention Graduation Exhibition Practical Legal Training Practical Experience Legal Skills Advocacy Procesubjects (Accounting Informations) Accounting for Managerial Decisions Accounting and ERP Assurance for Enterprise Systems Accounting Information Systems Financial Management Business Information Systems Business Intelligence 1: Advanced Analysis Business Intelligence 2: Advanced Planning Cost Management and Analysis Management Planning and Control Business Process Integration with ERP Business Project Management	6cp 6cp 12cp 12cp 12cp 12cp Total 54cp Ocp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	15604 15611 15608 STM907 58118 58129 58229 58230 STM907 58117 58128 58214 58231 STM907 24742 24713 24760 24736 STM907	Core subjects Local Government Management Principles Practice 1 Managing Local Enterprise Corporate Management and Organisations Change 715 Advertising stream Principles of Advertising Advertising Campaign Practice Brand Advertising Strategies Professional Advertising Practice 716 Public Relations stream Principles of Public Relations Strategic Public Relations Media Writing and Production Organisational Communication 717 Marketing Management New Product Management Marketing Channel Management Pricing and Revenue Management Marketing Communications 718 Marketing Strategy Strategic International Marketing Strategic Services Marketing	Total 18cp s and 6cp 6cp all 6cp Total 18cp 8cp 8cp 8cp 8cp 8cp 8cp Total 32cp Total 32cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
STM90.27 80027 80037 80048 80066 80065 80031 STM90.27 75411 75412 75413 STM90.27 System 22747 22759 22766 22708 25742 22776 22797 22783 22753 22705 22782 22787 STM90.27	Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention Graduation Exhibition Practical Legal Training Practical Experience Legal Skills Advocacy Procore subjects (Accounting Informations) Accounting for Managerial Decisions Accounting and ERP Assurance for Enterprise Systems Accounting Information Systems Financial Management Business Information Systems Business Intelligence 1: Advanced Analysis Business Intelligence 2: Advanced Planning Cost Management Planning and Control Business Process Integration with ERP Business Project Management	6cp 6cp 12cp 12cp 12cp 12cp Total 54cp Ocp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	15604 15611 15608 STM907 58118 58129 58229 58230 STM907 58117 58128 58214 58231 STM907 24742 24713 24760 24736 STM907 24738 24706 24738	Core subjects Local Government Management Principles Practice 1 Managing Local Enterprise Corporate Management and Organisations Change Chang	Total 18cp s and 6cp 6cp al 6cp Total 18cp Total 18cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 7otal 32cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
\$TM90.7 80027 80027 80037 80048 80066 80065 80031 \$TM90.7 75411 75412 75413 \$TM90.7 \$System 22747 22759 22766 22708 25742 22776 22797 22783 22753 22705 22782 22787 \$TM90.7 92313	Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention Graduation Exhibition Post Practical Legal Training Practical Experience Legal Skills Advocacy Post Core subjects (Accounting Informations) Accounting for Managerial Decisions Accounting and ERP Assurance for Enterprise Systems Accounting Information Systems Financial Management Business Information Systems Business Intelligence 1: Advanced Analysis Business Intelligence 2: Advanced Planning Cost Management and Analysis Management Planning and Control Business Process Integration with ERP Business Project Management Post Core Subjects Assessment and Therapeutics in Health Care	6cp 6cp 12cp 12cp 12cp 12cp 12cp Total 54cp Ocp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	15604 15611 15608 STM907 58118 58129 58229 58230 STM907 58117 58128 58214 58231 STM907 24742 24713 24760 24736 STM907	Core subjects Local Government Management Principles Practice 1 Managing Local Enterprise Corporate Management and Organisations Change 715 Advertising stream Principles of Advertising Advertising Campaign Practice Brand Advertising Strategies Professional Advertising Practice 716 Public Relations stream Principles of Public Relations Strategic Public Relations Media Writing and Production Organisational Communication 717 Marketing Management New Product Management Marketing Channel Management Pricing and Revenue Management Marketing Communications 718 Marketing Strategy Strategic International Marketing Strategic Services Marketing	Total 18cp s and 6cp 6cp al 6cp Total 18cp Total 18cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 7otal 32cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp
STM90.27 80027 80037 80048 80066 80065 80031 STM90.27 75411 75412 75413 STM90.27 System 22747 22759 22766 22708 25742 22776 22797 22783 22753 22705 22782 22787 STM90.27	Photographic History and Theory Situated Media Culture and Context Photographic Manipulation Design Studio: The Digital Image Design Studio: Photographic Intervention Graduation Exhibition Practical Legal Training Practical Experience Legal Skills Advocacy Procore subjects (Accounting Informations) Accounting for Managerial Decisions Accounting and ERP Assurance for Enterprise Systems Accounting Information Systems Financial Management Business Information Systems Business Intelligence 1: Advanced Analysis Business Intelligence 2: Advanced Planning Cost Management Planning and Control Business Process Integration with ERP Business Project Management	6cp 6cp 12cp 12cp 12cp 12cp Total 54cp Ocp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6	15604 15611 15608 STM907 58118 58129 58229 58230 STM907 58117 58128 58214 58231 STM907 24742 24713 24760 24736 STM907 24738 24706 24738	Core subjects Local Government Management Principles Practice 1 Managing Local Enterprise Corporate Management and Organisations Change Chang	Total 18cp s and 6cp 6cp al 6cp Total 18cp Total 18cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 7otal 32cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp

CTM007	10 Marketing Peccareh		CTMON	127 Stratogy stroam	
	19 Marketing Research	600		727 Strategy stream	600
24758 24750	Readings in Marketing Marketing Analytics	6ср 6ср	24306 24205	Services Marketing Business-to-Business Marketing	6ср 6ср
24759	Research Design and Data Collection Tools	6ср	24220	International Marketing	6cp
24757	Research Methodology and Data Analysis To	ools 6cp			Total 18cp
		Total 24cp	CTMOOF	300 B	1
CTM007	20 Core subjects (Marketing)			728 Research stream	
24730		6an	24902	Research Methodology and Data Analysis	6an
24730	Marketing Strategy Buyer Behaviour	6ср 6ср	24510	Techniques Advertising Research	6ср 6ср
24734	Marketing Management	6ср	24908	Research Design and Data Collection Techr	
24720	Marketing Research	6cp			Total 18cp
		Total 24cp			-
CTMOOR	24 Cama auhia da (Mankatina)			729 Core subjects	
	21 Core subjects (Marketing)	6	32144	Technology Research Preparation	6ср
24730 24710	Marketing Strategy Buyer Behaviour	6cp	32118 32524	Mobile Communications and Computing LANS and Routing	6ср 6ср
24734	Marketing Management	6ср 6ср	32547	UNIX Systems Programming	6cp
24720	Marketing Research	6cp	02017	or are systems ringramming	Total 24cp
24790	Business Project: Marketing	6ср			1
		Total 30cp	STM907	730 Core subjects	
CTM007	22 Coro cubiosts		32118	Mobile Communications and Computing	6cp
	23 Core subjects	(32524	LANS and Routing	6cp
27642 27184	Tourism Marketing Dimensions of Tourism	6ср 6ср	32547	UNIX Systems Programming	6cp Total 18cp
27344	Research Foundations for Leisure Sport and	оср			rotar rocp
	Tourism	6ср	STM907	731 Core subjects (Accounting and Finan	ce)
27185	The Tourist Experience	6cp	25741	Capital Markets	6ср
27648	The Tourism Business	6ср	25765	Corporate Finance	6cp
27327	Tourism and Sustainability	6cp	22748	Financial Reporting and Analysis	6cp
27116 27324	e-Marketing and Management of Services Strategic Management in Leisure, Sport and	6ср	22754 22747	Corporate Accounting	6cp
21024	Tourism Organisations	6ср	25742	Accounting for Managerial Decisions Financial Management	6ср 6ср
27523	Planning for Sustainable Destinations	6cp	79708	Contemporary Business Law	6cp
27342	Sociocultural Concepts for Leisure, Sport and	d -		r y y	Total 48cp
200	Tourism	6cp			-
27348 23115	Critical Issues in Global Tourism Economics for Business	6cp		732 Core subjects	
23113	Economics for business	6cp Total 72cp	21741	Managing Operations	6cp
		10tai 72cp	21743	Business Excellence are of the following:	6cp
STM907	24 Core subjects		217	0	6ср 6ср
86004	Design Studio: Foundations in Spatial Langu	age 12cp	218		6cp
86005	Design Studio: Foundations in Spatial Design		21797	Strategic Supply Chain Management	6ср
86008	Context: Image and Making (Representation)) 6ср			Total 24cp
86009	Context: Image and Making (Generative Methods)	6ср	CTMOO	722 Caro subjects (UDM)	
86112	Design Studio: Experimentations	12cp	21720	733 Core subjects (HRM)	600
86113	Context: Experimentations	6cp	21720	Human Resource Management Management Skills	6ср 6ср
86114	Context: Inhabitations	6cp	21800	Management and Organisations	6ср
86221	Context: Explorations	6cp	21844	Managing Work and People	6cp
86222 86223	Context: Interdisciplinary	6cp			Total 24cp
85502	Design Studio: Industry Researching Design History	12ср 6ср	CTMOOF	10 / O (M	
85503	Design Thinking	6ср		734 Core subjects (Management)	_
	0 0	Total 96cp	21717 21779	International Management Management Skills	6cp
			21827	Change Management	6ср 6ср
	25 Core subjects		21844	Managing Work and People	6ср
86321	Design Studio: Investigation	12cp		0 0 1	Total 24cp
86322 86400	Design Studio: Directions	12cp			
00400	Design Studio: Realisation	24cp Total 48cp		735 Core subjects (Management)	
		iotai ioep	21720	Human Resource Management	6cp
STM907	26 Core subjects (Games Development)		21741	Managing Operations	6cp
31080	Digital Multimedia	6ср	21800 21832	Management and Organisations Managing for Sustainability	6ср 6ср
31262	Introduction to Computer Game Design	6cp	21779	Management Skills	6ср
31264	Introduction to Computer Graphics	6cp	21827	Change Management	6cp
31102 31103	Game Design Studio 1	6cp	21717	International Management	6cp
48024	Game Design Studio 2 Applications Programming	6ср 6ср	21844	Managing Work and People	6cp
	credit points from the following options:	12cp			Total 48cp
31241	3D Computer Animation	6ср	STM907	736 Core subjects (Operations Supply Ch	ain
31249	Computer Graphics Rendering Techniques	6ср	Manage		
31251	Data Structures and Algorithms	6ср	21844	Managing Work and People	6cn
31263	Introduction to Computer Game	6cn	21741	Managing Operations	6ср 6ср
31777	Programming Human-Computer Interaction	6ср 6ср	21743	Business Excellence	6ср
31104	Programming for Special Effects	6cp		e of the following:	6cp
	J	Total 48cp	217		6ср
		-	218' 21797		6cp
			21/7/	Strategic Supply Chain Management	6cp Total 30cp
					tur 50cp

SIMYUZ	737 Core subjects (HRM)		92622	Becoming a Midwife	6ср
21833	International Human Resources Managemer	nt 6cp	92630	Midwifery Practice 2: Supporting Women	6cp
21702	Industrial Relations	6ср	92632	Midwifery Practice 1: Preparation for Practic	
21760	Performance and Talent Management	6cp	92634	Transitions to Parenthood	6cp
21827	Change Management	6cp			Total 48cp
21779	Management Skills	6cp	STM90'	745 Second-year subjects	
21720	Human Resource Management	6cp	99636		6an
21844 21800	Managing Work and People Management and Organisations	6ср 6ср	91604	Essentials of Pathophysiology Introductory Pharmacology and Microbiology	6ср gy 6ср
21000	Management and Organisations	Total 48cp	92280	Complex Newborn Care	,у оср 6ср
		тошт тоер	92624	Complex Pregnancy	6cp
STM907	738 Core subjects		92623	Complex Labour, Birth and Puerperium	6cp
22747	Accounting for Managerial Decisions	6ср	92626	Midwifery Practice 3: Complex Pregnancy	6ср
21800	Management and Organisations	6cp	92621	Aboriginal and Torres Strait Islander:	
21878	Organisational Dialogue: Theory and Practic		92627	Women and Babies	6ср
		Total 24cp	92027	Midwifery Practice 4: Complex Labour, Birth and Puerperium	6ср
STM907	739 Core disciplinary subjects (Environme	ental		Birth and Fuerperrain	Total 48cp
Biology					•
91110	Experimental Design and Sampling	6ср		746 Third-year subjects	
91154	Ecology	6ср	92282	Australian Health Care System	6cp
91149	Geological Processes	6cp	92286	International Perspectives in Midwifery	6cp
91120	GIS and Remote Sensing	6cp	92283 92631	Challenges in Midwifery Practice Midwifery as Primary Health Care	6cp
91121	Aquatic Ecology	6ср	92633	Professional Practice	6ср 6ср
91145	Environmental Protection and Management		92628	Midwifery Practice 5: Working with Women	6ср
		Total 36cp	92629	Midwifery Practice 6: Transitions to being	ocp
STMONT	740 Core subjects			a Midwife	6ср
82120	Animation Studio: Foundations in Animation	n	92625	Emergencies in Maternity Care	6ср
02120	Language	12ср			Total 48cp
82121	Context: 2D Animation Introduction	6cp	CTMON'	747 Core subjects	
85502	Researching Design History	6cp	82710	Animation Studio:	
82220	Animation Studio:		02/10	Advanced Animation Practice	12cp
00001	Foundations in Animation Design	12cp	82711	Animation Studio:	12cp
82221 85503	Context: 3D Animation Introduction	6cp		Animation Project Pre-production	12cp
82320	Design Thinking Animation Studio: Narrative Investigations	6ср 12ср	82800	Animation Studio:	-
82321	Context: 3D Animation Advanced	6cp		Animation Project/Production	24cp
82420	Context: 2D Animation Advanced	6cp			Total 48cp
82520	Context: Design for Three-dimensional	1			
			CTM00'	7/9 Dublic Polations	
	Computer Animation	6ср		748 Public Relations	9.00
82621	Computer Animation Context: Experimentations for Animation an	ıd	57024	Managing Public Communication Strategies	8cp
82621	Computer Animation Context: Experimentations for Animation an VFX	id 6cp	57024 57132	Managing Public Communication Strategies Media Relations	8cp
	Computer Animation Context: Experimentations for Animation an	id 6cp ect 12cp	57024	Managing Public Communication Strategies	_ *
82621	Computer Animation Context: Experimentations for Animation an VFX	id 6cp	57024 57132 57026	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation	8cp 8cp Total 24cp
82621 82620	Computer Animation Context: Experimentations for Animation an VFX	id 6cp ect 12cp	57024 57132 57026	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communication	8cp 8cp Total 24cp
82621 82620	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Proje	id 6cp ect 12cp	57024 57132 57026 STM90 57035	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communic Organisational Change and Communication	8cp 8cp Total 24cp cation
82621 82620 STM907 70115 70120	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Proje 742 Core stream Perspectives on Law Legal Method and Research	d 6cp ect 12cp Total 96cp 8cp 6cp	57024 57132 57026 STM90 5 57035 57994	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communic Organisational Change and Communication Managing Organisational Communication	8cp 8cp Total 24cp cation 8cp 8cp
82621 82620 STM907 70115 70120 70218	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Project 742 Core stream Perspectives on Law Legal Method and Research Criminal Law	6cp ect 12cp Total 96cp 8cp 6cp 8cp	57024 57132 57026 STM90 57035	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communic Organisational Change and Communication	8cp 8cp Total 24cp cation 8cp 8cp 8cp
82621 82620 STM907 70115 70120 70218 70311	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Project 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts	6cp ect 12cp Total 96cp 8cp 6cp 8cp 8cp	57024 57132 57026 STM90 5 57035 57994	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communic Organisational Change and Communication Managing Organisational Communication	8cp 8cp Total 24cp cation 8cp 8cp
82621 82620 STM907 70115 70120 70218 70311 70211	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Proje 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts	6cp ect 12cp Total 96cp 8cp 6cp 8cp 8cp 8cp	57024 57132 57026 STM90 57035 57994 57995	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communic Organisational Change and Communication Managing Organisational Communication Learning in Organisations	8cp 8cp Total 24cp cation 8cp 8cp 8cp
82621 82620 STM907 70115 70120 70218 70311 70211 70616	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Proje 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts Australian Constitutional Law	6cp ect 12cp Total 96cp 8cp 6cp 8cp 8cp 8cp 8cp	57024 57132 57026 STM90 57035 57994 57995 STM90	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communic Organisational Change and Communication Managing Organisational Communication Learning in Organisations 750 Integrated Communication	8cp 8cp Total 24cp cation 8cp 8cp 8cp Total 24cp
82621 82620 STM907 70115 70120 70218 70311 70211 70616 70317	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Proje 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts Australian Constitutional Law Real Property	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	57024 57132 57026 STM90 57035 57994 57995	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communic Organisational Change and Communication Managing Organisational Communication Learning in Organisations	8cp 8cp Total 24cp cation 8cp 8cp 8cp
82621 82620 STM907 70115 70120 70218 70311 70211 70616	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Proje 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts Australian Constitutional Law	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	57024 57132 57026 STM90 57035 57994 57995 STM90 57996	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communic Organisational Change and Communication Managing Organisational Communication Learning in Organisations 750 Integrated Communication Marketing and Corporate Communication	8cp 8cp Total 24cp cation 8cp 8cp Total 24cp
82621 82620 STM907 70115 70120 70218 70311 70211 70616 70317 70517 70417	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Project 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts Australian Constitutional Law Real Property Equity and Trusts Corporate Law Administrative Law	8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	57024 57132 57026 STM90 2 57035 57994 57995 STM90 2 57996 57132	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communic Organisational Change and Communication Managing Organisational Communication Learning in Organisations 750 Integrated Communication Marketing and Corporate Communication Media Relations	8cp 8cp Total 24cp cation 8cp 8cp Total 24cp
82621 82620 STM907 70115 70120 70218 70311 70211 70616 70317 70517 70417 70617	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Projectors 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts Australian Constitutional Law Real Property Equity and Trusts Corporate Law Administrative Law Evidence and Criminal Procedure	6cp ect 12cp Total 96cp 8cp 6cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp	57024 57132 57026 STM90 57035 57994 57995 STM90 57996 57132 57131	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communication Organisational Change and Communication Managing Organisational Communication Learning in Organisations 750 Integrated Communication Marketing and Corporate Communication Media Relations Inventive Media Advertising	8cp 8cp Total 24cp cation 8cp 8cp Total 24cp
82621 82620 STM907 70115 70120 70218 70311 70616 70317 70517 70417 70617 70717 75421	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Project 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts Australian Constitutional Law Real Property Equity and Trusts Corporate Law Administrative Law Evidence and Criminal Procedure Civil Litigation	8cp	57024 57132 57026 STM902 57035 57994 57995 STM902 57996 57132 57131	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communication Organisational Change and Communication Managing Organisational Communication Learning in Organisations 750 Integrated Communication Marketing and Corporate Communication Media Relations Inventive Media Advertising	8cp 8cp Total 24cp Eation 8cp 8cp Total 24cp
82621 82620 STM907 70115 70120 70218 70311 70211 70616 70317 70517 70417 70617	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Projectors 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts Australian Constitutional Law Real Property Equity and Trusts Corporate Law Administrative Law Evidence and Criminal Procedure	8cp 6cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8	57024 57132 57026 STM90 57035 57994 57995 STM90 57132 57131 STM90 57022	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communication Organisational Change and Communication Managing Organisational Communication Learning in Organisations 750 Integrated Communication Marketing and Corporate Communication Media Relations Inventive Media Advertising 751 Core foundation subjects Foundations of Communication	8cp 8cp Total 24cp cation 8cp 8cp Total 24cp 8cp 8cp Total 24cp
82621 82620 STM907 70115 70120 70218 70311 70616 70317 70517 70417 70617 70717 75421	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Project 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts Australian Constitutional Law Real Property Equity and Trusts Corporate Law Administrative Law Evidence and Criminal Procedure Civil Litigation	8cp	57024 57132 57026 STM90 57035 57994 57995 STM90 57996 57132 57131 STM90 57022 57022 57023	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communication Organisational Change and Communication Managing Organisational Communication Learning in Organisations 750 Integrated Communication Marketing and Corporate Communication Media Relations Inventive Media Advertising 751 Core foundation subjects Foundations of Communication Communicating with Publics	8cp 8cp Total 24cp cation 8cp 8cp 8cp Total 24cp Total 24cp
82621 82620 STM907 70115 70120 70218 70311 70616 70317 70517 70417 70617 70717 75421 75420	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Project 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts Australian Constitutional Law Real Property Equity and Trusts Corporate Law Administrative Law Evidence and Criminal Procedure Civil Litigation	8cp 6cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8	57024 57132 57026 STM90 57035 57994 57995 STM90 57132 57131 STM90 57022	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communication Organisational Change and Communication Managing Organisational Communication Learning in Organisations 750 Integrated Communication Marketing and Corporate Communication Media Relations Inventive Media Advertising 751 Core foundation subjects Foundations of Communication	8cp 8cp Total 24cp cation 8cp 8cp 8cp Total 24cp Total 24cp
82621 82620 STM907 70115 70120 70218 70311 70616 70317 70517 70417 70617 70717 75421 75420	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Project 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts Australian Constitutional Law Real Property Equity and Trusts Corporate Law Administrative Law Evidence and Criminal Procedure Civil Litigation Ethics and Professional Conduct	d 6cp ect 12cp Total 96cp 8cp 6cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 6cp 6cp 6cp 7ctal 96cp	57024 57132 57026 STM90 57035 57994 57995 STM90 57996 57132 57131 STM90 57022 57023 57025	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communic Organisational Change and Communication Managing Organisational Communication Learning in Organisations 750 Integrated Communication Marketing and Corporate Communication Media Relations Inventive Media Advertising 751 Core foundation subjects Foundations of Communication Communicating with Publics Intercultural and International Communication	8cp 8cp Total 24cp Eation 8cp 8cp Total 24cp 8cp 8cp Total 24cp
82621 82620 STM907 70115 70120 70218 70311 70616 70317 70517 70417 70617 70717 75421 75420	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Project 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts Australian Constitutional Law Real Property Equity and Trusts Corporate Law Administrative Law Evidence and Criminal Procedure Civil Litigation Ethics and Professional Conduct	8cp 6cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8	57024 57132 57026 STM90 57035 57994 57995 STM90 57996 57132 57131 STM90 57022 57023 57025	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communication Organisational Change and Communication Managing Organisational Communication Learning in Organisations 750 Integrated Communication Marketing and Corporate Communication Media Relations Inventive Media Advertising 751 Core foundation subjects Foundations of Communication Communicating with Publics	8cp 8cp Total 24cp Eation 8cp 8cp Total 24cp 8cp 8cp Total 24cp
82621 82620 STM907 70115 70120 70218 70311 70616 70317 70417 70417 70417 70417 75421 75420 STM907 77889 77889 77890 77905	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Project 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts Australian Constitutional Law Real Property Equity and Trusts Corporate Law Administrative Law Evidence and Criminal Procedure Civil Litigation Ethics and Professional Conduct 743 Stream Trade Marks Law Trade Marks Practice Preparing for Intellectual Property Practice	d 6cp ect 12cp Total 96cp 8cp 6cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 6cp 6cp 6cp 6cp	57024 57132 57026 STM90 57035 57994 57995 STM90 57996 57132 57131 STM90 57022 57023 57025	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communic Organisational Change and Communication Managing Organisational Communication Learning in Organisations 750 Integrated Communication Marketing and Corporate Communication Media Relations Inventive Media Advertising 751 Core foundation subjects Foundations of Communication Communicating with Publics Intercultural and International Communication 752 Core subjects (Operations Supply Cha	8cp 8cp Total 24cp Eation 8cp 8cp Total 24cp 8cp 8cp Total 24cp
82621 82620 STM907 70115 70120 70218 70311 70211 70616 70317 70417 70417 70417 70417 705421 75420 STM907 77889 77889 77890 77905 Select 6 6	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Projectives 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts Australian Constitutional Law Real Property Equity and Trusts Corporate Law Administrative Law Evidence and Criminal Procedure Civil Litigation Ethics and Professional Conduct 743 Stream Trade Marks Law Trade Marks Practice Preparing for Intellectual Property Practice credit points from the following options:	d 6cp ect 12cp Total 96cp 8cp 6cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 7 8cp	57024 57132 57026 STM902 57035 57994 57995 STM902 57996 57132 57131 STM902 57022 57023 57025 STM902	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communic Organisational Change and Communication Managing Organisational Communication Learning in Organisations 750 Integrated Communication Marketing and Corporate Communication Media Relations Inventive Media Advertising 751 Core foundation subjects Foundations of Communication Communicating with Publics Intercultural and International Communication 752 Core subjects (Operations Supply Chaement) Managing Work and People	8cp 8cp Total 24cp Eation 8cp 8cp Total 24cp 8cp 8cp Total 24cp
82621 82620 STM907 70115 70120 70218 70311 70616 70317 70417 70617 70717 75421 75420 STM907 77889 77989 77995 Select 6 6 77740	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Project 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts Australian Constitutional Law Real Property Equity and Trusts Corporate Law Administrative Law Evidence and Criminal Procedure Civil Litigation Ethics and Professional Conduct 743 Stream Trade Marks Law Trade Marks Practice Preparing for Intellectual Property Practice credit points from the following options: Research Paper	8cp 6cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8	57024 57132 57026 STM902 57035 57994 57995 STM902 57996 57132 57131 STM902 57022 57023 57025 STM902 Manage 21844 21741	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communic Organisational Change and Communication Managing Organisational Communication Learning in Organisations 750 Integrated Communication Marketing and Corporate Communication Media Relations Inventive Media Advertising 751 Core foundation subjects Foundations of Communication Communicating with Publics Intercultural and International Communicat 752 Core subjects (Operations Supply Chaement) Managing Work and People Managing Operations	8cp 8cp Total 24cp Eation 8cp 8cp 8cp Total 24cp Total 24cp 8cp 8cp Total 24cp
82621 82620 STM907 70115 70120 70218 70311 70616 70317 70617 70617 70717 75421 75420 STM907 77889 77890 77905 Select 6 6 77740 78188	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Project 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts Australian Constitutional Law Real Property Equity and Trusts Corporate Law Administrative Law Evidence and Criminal Procedure Civil Litigation Ethics and Professional Conduct 743 Stream Trade Marks Law Trade Marks Practice Preparing for Intellectual Property Practice credit points from the following options: Research Paper Intellectual Property Commercialisation	8cp 6cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8	57024 57132 57026 STM90' 57035 57994 57995 STM90' 57996 57132 57131 STM90' 57022 57023 57025 STM90' Manage 21844 21741 21743	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communic Organisational Change and Communication Managing Organisational Communication Learning in Organisations 750 Integrated Communication Marketing and Corporate Communication Media Relations Inventive Media Advertising 751 Core foundation subjects Foundations of Communication Communicating with Publics Intercultural and International Communication 752 Core subjects (Operations Supply Chaement) Managing Work and People Managing Operations Business Excellence	8cp 8cp Total 24cp Eation 8cp 8cp 8cp Total 24cp Total 24cp 8cp 8cp Total 24cp
82621 82620 STM907 70115 70120 70218 70311 70616 70317 70417 70617 70717 75421 75420 STM907 77889 77989 77995 Select 6 6 77740	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Project 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts Australian Constitutional Law Real Property Equity and Trusts Corporate Law Administrative Law Evidence and Criminal Procedure Civil Litigation Ethics and Professional Conduct 743 Stream Trade Marks Law Trade Marks Practice Preparing for Intellectual Property Practice credit points from the following options: Research Paper	8cp 6cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8	57024 57132 57026 STM905 57035 57994 57995 STM905 57996 57132 57131 STM905 57022 57023 57025 STM905 Manage 21844 21741 21743 21877	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communication Organisational Change and Communication Managing Organisational Communication Learning in Organisations 750 Integrated Communication Marketing and Corporate Communication Media Relations Inventive Media Advertising 751 Core foundation subjects Foundations of Communication Communicating with Publics Intercultural and International Communication 752 Core subjects (Operations Supply Chaement) Managing Work and People Managing Operations Business Excellence Strategic Procurement	8cp 8cp Total 24cp cation 8cp 8cp 8cp Total 24cp Total 24cp 8cp 8cp 8cp 8cp Total 24cp
82621 82620 STM907 70115 70120 70218 70311 70616 70317 70617 70617 70717 75421 75420 STM907 77889 77890 77905 Select 6 6 77740 78188	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Project 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts Australian Constitutional Law Real Property Equity and Trusts Corporate Law Administrative Law Evidence and Criminal Procedure Civil Litigation Ethics and Professional Conduct 743 Stream Trade Marks Law Trade Marks Practice Preparing for Intellectual Property Practice credit points from the following options: Research Paper Intellectual Property Commercialisation	8cp 6cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8	57024 57132 57026 STM905 57035 57994 57995 STM905 57996 57132 57131 STM905 57022 57023 57025 STM905 Manage 21844 21741 21743 21877 21797	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communic Organisational Change and Communication Managing Organisational Communication Learning in Organisations 750 Integrated Communication Marketing and Corporate Communication Media Relations Inventive Media Advertising 751 Core foundation subjects Foundations of Communication Communicating with Publics Intercultural and International Communication T752 Core subjects (Operations Supply Chaement) Managing Work and People Managing Operations Business Excellence Strategic Procurement Strategic Supply Chain Management	8cp 8cp Total 24cp Eation 8cp 8cp 8cp Total 24cp Total 24cp 8cp 8cp Total 24cp
82621 82620 STM907 70115 70120 70218 70311 70211 70616 70317 70517 70417 70617 70717 75421 75420 STM907 77889 77890 77905 Select 6 6 77740 78188 77903	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Project 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts Australian Constitutional Law Real Property Equity and Trusts Corporate Law Administrative Law Evidence and Criminal Procedure Civil Litigation Ethics and Professional Conduct 743 Stream Trade Marks Law Trade Marks Practice Preparing for Intellectual Property Practice credit points from the following options: Research Paper Intellectual Property Commercialisation	8cp 6cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8	57024 57132 57026 STM90: 57035 57994 57995 STM90: 57996 57132 57131 STM90: 57022 57023 57025 STM90: Manage 21844 21743 21877 21797 15315	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communic Organisational Change and Communication Managing Organisational Communication Learning in Organisations 750 Integrated Communication Marketing and Corporate Communication Media Relations Inventive Media Advertising 751 Core foundation subjects Foundations of Communication Communicating with Publics Intercultural and International Communication Topic Core subjects (Operations Supply Chaement) Managing Work and People Managing Operations Business Excellence Strategic Procurement Strategic Supply Chain Management Project Management Principles	8cp 8cp Total 24cp Eation 8cp 8cp 8cp Total 24cp Total 24cp 8cp 8cp Total 24cp in
82621 82620 STM907 70115 70120 70218 70311 70211 70616 70317 70517 70417 70617 70717 75421 75420 STM907 77889 77905 Select 6 of 777740 78188 77903 STM907 92271	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Project 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts Australian Constitutional Law Real Property Equity and Trusts Corporate Law Administrative Law Evidence and Criminal Procedure Civil Litigation Ethics and Professional Conduct 743 Stream Trade Marks Law Trade Marks Practice Preparing for Intellectual Property Practice credit points from the following options: Research Paper Intellectual Property Commercialisation Copyright Law	8cp 6cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8	57024 57132 57026 STM905 57035 57994 57995 STM905 57996 57132 57131 STM905 57022 57023 57025 STM905 Manage 21844 21741 21743 21877 21797	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communic Organisational Change and Communication Managing Organisational Communication Learning in Organisations 750 Integrated Communication Marketing and Corporate Communication Media Relations Inventive Media Advertising 751 Core foundation subjects Foundations of Communication Communicating with Publics Intercultural and International Communication 752 Core subjects (Operations Supply Chaement) Managing Work and People Managing Operations Business Excellence Strategic Procurement Strategic Supply Chain Management Project Management Principles Quantitative Management Practice	8cp 8cp Total 24cp eation 8cp 8cp 8cp 8cp 8cp Total 24cp Total 24cp in
82621 82620 STM907 70115 70120 70218 70311 70211 70616 70317 70517 70417 70617 70717 75421 75420 STM907 77889 77905 Select 6 6 77740 78188 77903 STM907	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Project 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts Australian Constitutional Law Real Property Equity and Trusts Corporate Law Administrative Law Evidence and Criminal Procedure Civil Litigation Ethics and Professional Conduct 743 Stream Trade Marks Law Trade Marks Practice Preparing for Intellectual Property Practice credit points from the following options: Research Paper Intellectual Property Commercialisation Copyright Law 744 First-year subjects Foundations of Midwifery Practice Anatomy and Physiology: Pregnancy and	d 6cp ect 12cp Total 96cp 8cp 6cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 7ct 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 6cp 6cp 6cp 6cp 6cp 7ctal 96cp	57024 57132 57026 STM90: 57035 57994 57995 STM90: 57996 57132 57131 STM90: 57022 57023 57025 STM90: Manage 21844 21741 21743 21877 21797 15315 35340 77942 21815	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communic Organisational Change and Communication Managing Organisational Communication Learning in Organisations 750 Integrated Communication Marketing and Corporate Communication Media Relations Inventive Media Advertising 751 Core foundation subjects Foundations of Communication Communicating with Publics Intercultural and International Communication T752 Core subjects (Operations Supply Chapement) Managing Work and People Managing Operations Business Excellence Strategic Procurement Strategic Supply Chain Management Project Management Principles Quantitative Management Practice Legal Aspects of Contracts Administration Management Project	8cp 8cp Total 24cp Eation 8cp 8cp 8cp Total 24cp Total 24cp 8cp 8cp Total 24cp in
82621 82620 STM907 70115 70120 70218 70311 70616 70317 70417 70617 70717 75421 75420 STM907 77889 77905 Select 6 6 77740 78188 77903 STM907 92271 92272	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Project 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts Australian Constitutional Law Real Property Equity and Trusts Corporate Law Administrative Law Evidence and Criminal Procedure Civil Litigation Ethics and Professional Conduct 743 Stream Trade Marks Law Trade Marks Practice Preparing for Intellectual Property Practice credit points from the following options: Research Paper Intellectual Property Commercialisation Copyright Law 744 First-year subjects Foundations of Midwifery Practice Anatomy and Physiology: Pregnancy and Childbirth	6cp ect 12cp Total 96cp 8cp 6cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 7ct 8cp	57024 57132 57026 STM90: 57035 57994 57995 STM90: 57996 57132 57131 STM90: 57022 57023 57025 STM90: Manage 21844 21741 21743 21877 21797 15315 35340 77942	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communic Organisational Change and Communication Managing Organisational Communication Learning in Organisations 750 Integrated Communication Marketing and Corporate Communication Media Relations Inventive Media Advertising 751 Core foundation subjects Foundations of Communication Communicating with Publics Intercultural and International Communication T752 Core subjects (Operations Supply Chaement) Managing Work and People Managing Operations Business Excellence Strategic Procurement Strategic Supply Chain Management Project Management Principles Quantitative Management Practice Legal Aspects of Contracts Administration	8cp 8cp Total 24cp eation 8cp 8cp 8cp 8cp 8cp Total 24cp 8cp 8cp Total 24cp 8cp 8cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6
82621 82620 STM907 70115 70120 70218 70311 70211 70616 70317 70517 70417 70617 70717 75421 75420 STM907 77889 77905 Select 6 of 777740 78188 77903 STM907 92271	Computer Animation Context: Experimentations for Animation an VFX Animation Studio: Animation Industry Project 742 Core stream Perspectives on Law Legal Method and Research Criminal Law Torts Contracts Australian Constitutional Law Real Property Equity and Trusts Corporate Law Administrative Law Evidence and Criminal Procedure Civil Litigation Ethics and Professional Conduct 743 Stream Trade Marks Law Trade Marks Practice Preparing for Intellectual Property Practice credit points from the following options: Research Paper Intellectual Property Commercialisation Copyright Law 744 First-year subjects Foundations of Midwifery Practice Anatomy and Physiology: Pregnancy and	d 6cp ect 12cp Total 96cp 8cp 6cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 8cp 7ct 8cp	57024 57132 57026 STM90: 57035 57994 57995 STM90: 57996 57132 57131 STM90: 57022 57023 57025 STM90: Manage 21844 21741 21743 21877 21797 15315 35340 77942 21815	Managing Public Communication Strategies Media Relations Strategic Communication and Negotiation 749 Organisational Change and Communic Organisational Change and Communication Managing Organisational Communication Learning in Organisations 750 Integrated Communication Marketing and Corporate Communication Media Relations Inventive Media Advertising 751 Core foundation subjects Foundations of Communication Communicating with Publics Intercultural and International Communication T752 Core subjects (Operations Supply Chapement) Managing Work and People Managing Operations Business Excellence Strategic Procurement Strategic Supply Chain Management Project Management Principles Quantitative Management Practice Legal Aspects of Contracts Administration Management Project	8cp 8cp Total 24cp sation 8cp 8cp 8cp 8cp 8cp Total 24cp Total 24cp 8cp 8cp 8cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6cp 6

	53 Procurement option (Operations Sup	ply Chain		63 Core subjects (Health Services Mana	
Manage			92050 92603	Policy, Power and Politics in Health Care Managing Quality, Risk and Cost in Health	6cp Care 6cp
STM9075	2 Core subjects (Operations Supply Chain Management)	60an	92606	Issues in Australian Health Services	6ср
CBK9084	0 Electives (Operations Supply Chain Manage	60cp er) 12cp	92917	Using Health Care Data for Decision Makin	
CDICOGO	o Electives (Operations Supply Chain Manage	Total 72cp	92296	Epidemiology and Population Health	6cp
		1	92887	Organisational Management in Health Care	
STM907 Manage	54 Standard option (Operations Supply C	Chain			Total 36cp
	6 Core subjects (Operations Supply Chain		STM907	66 Research stream	
011417070	Management)	30ср	32933	Research Project	6cp
CBK9038	5 Electives (Operations and Supply Chain	1	Select 6 c	redit points of electives	6cp
	Management)	42cp			Total 12cp
		Total 72cp	STM907	67 Core subjects	
STM907	55 Core stream		57024	Managing Public Communication Strategies	s 8cp
96015	Clinical Practice 1	6ср	57035	Organisational Change and Communication	
96016	Clinical Practice 2	12cp			Total 16cp
96017	Clinical Practice 3	6ср	STM907	68 Communication Management	
96001	Introduction to Pharmacy	6ср		7 Core subjects	16cp
96002 96003	Concepts in Pharmaceutical Sciences Pharmaceutics	6ср 6ср		redit points from the following options:	8cp
96004	Professional Services 1	6cp	CBK9084	7 Electives	8cp
96005	Professional Services 2	6ср			Total 24cp
96006	Integrated Therapeutics 1	6cp	STM907	69 Core masters subjects	
96007	Drug Disposition Evidence Based Practice	6cp	57028	Research for Communication Professionals	8ср
96008 96009	Professional Services 3	6ср 6ср	57182	Rethinking Media	8ср
96010	Integrated Therapeutics 2	6cp		8	Total 16cp
96011	Primary Health Care	6cp			-
96012	Professional Services 4	6cp		70 No specified major	
96013 96014	Integrated Therapeutics 3 Molecule to Market	6ср 6ср		7 Core subjects	16cp
20014	Wiolectile to Warket	Total 108cp		redit points from the following options: 7 Electives	8cp 8cp
			0210 001	. Electrics	Total 24cp
STM907	56 Core stream				1
96018	International Placement 1	12cp		71 Management core	
96019	International Placement 2	12cp	21511	Global Operations and Supply Chain	600
		Total 24cp	21510	Management The Global Context of Management	6cp 6cp
STM907	57 Clinical Management		21310	The Global Context of Management	Total 12cp
92603	Managing Quality, Risk and Cost in Health	Care 6cp			1
92932	Management for Clinicians	6ср		72 Management	
92917	Using Health Care Data for Decision Makin			1 Management core	12cp
92887	Organisational Management in Health Care	6ср Total 24ср		credit points from the following options: 0 Management electives	12cp 12cp
		тош 21ср	CDIC7003	o wanagement electives	Total 24cp
STM907	59 Health Services Management				
92917	Using Health Care Data for Decision Makin	g 6cp		73 Training and Human Resource Develo	pment
92606	Issues in Australian Health Services	6cp	013120	The Psychology of Adult Development	6ср
92887 21720	Organisational Management in Health Care Human Resource Management	6ср 6ср	013122 013136	Understanding Adult Education and Training Developing People and Teams	ng 6cp 6cp
21720	Transactive Management	Total 24cp	013142	Adult Learning and Program Development	
		1	013162	Organisational Learning	6cp
	60 Health Services Management		013165	Leading Learning in the Workplace	6ср
92050	Policy, Power and Politics in Health Care	6ср			Total 36cp
92847 92051	Planning and Evaluating Health Services Health Services Management and Legal Issu	6cp ies 6cp	STM907	74 Standard options (Management)	
92023	Health Services Resource Management	6cp		1 Core subjects	30ср
		Total 24cp		3 Major choice	42cp
CTMOOT	/ A Haalib Dagaanah Lawal A				Total 72cp
	61 Health Research Level 1	24	СТМ007	75 Core subjects (Community and Not-fo	r-Profit
92790	credit points from the following options: Evidence-based Practice	24cp 6cp	Mgmt)	75 core subjects (community and Not-It	71 -1 TOTIC
92927	Evidence-based Practice (Midwifery)	6ср	21766	Managing Community Organisations	6ср
92612	Research in Health	6ср	21767	Not-for-Profit Sector Theory and Context	6ср 6ср
92972	Health Care Research Methodology	6cp	21778	Resource Mobilisation	6cp
92296 92973	Epidemiology and Population Health Developing Health Care Theory	6cp	21817	Volunteer Management	6cp
92973	Investigating Health Care Change	6ср 6ср	21879	Corporate Social Responsibility and Social	6an
	0 0 0-	Total 24cp	27729	Impact Legal Issues for the Experience and	6ср
CT1400=	/Ollealth Danasach I I I O	-	/	Not-for-Profit Industries	6ср
	62 Health Research Level 2	10	22747	Accounting for Managerial Decisions	6ср
98725 98726	Dissertation in Health Research 1 Dissertation in Health Research 2	12cp 12cp	21751	Management Research Methods	6cp
201 ZU	Dissertation in Freatut Research 2	Total 24cp			Total 48cp
		-1			

	76 Community and Not-for-Profit Manag	ement		787 Society and Culture/Legal Studies subject	s
51 W19077	'5 Core subjects (Community and Not-for-Profit Mgmt)	48cp	(SecEd) 013440	Society and Culture Teaching Method	6an
CBK9085	5 Electives (Community and Not-for-Profit	10СР	013440	Legal Studies Teaching Method	6cp 6cp
	Management)	24cp			al 12cp
		Total 72cp	CT1400F	700.0	_
STM907	77 Master's option with project			788 Core subjects	
57997	Professional Communication Project	8ср	84610 84111	Inside Design Understanding Three-dimensional Form	6cp
	5 Electives	8cp	84112	Integrated Product Design Communications	6ср 6ср
		Total 16cp	84611	Design Thinking in Integrated Product Design	6ср
CTM007	70 Dhysiaal saisness stream		84115	Informing Integrated Product Design	6cp
91239	78 Physical sciences stream Human Pathophysiology	600	84114	Integrated Product Design Digital Communication	(
	redit points from the following options:	6ср 6ср	84711	User-Centred Design	6ср 12ср
91400	Human Anatomy and Physiology	6ср	84710	Research Methods in Integrated Product Design	6ср
91429	Physiological Bases of Human Movement	6ср	84811	Smart Design	12cp
		Total 12cp	84134	Integrated Product Design Professional	,
STM907	79 Biomedical sciences stream		85202	Communication Interdisciplinary Lab A	6cp
68316	Applied Electronics and Interfacing	6ср	85302	Interdisciplinary Lab B	6ср 6ср
91239	Human Pathophysiology	6cp	85502	Researching Design History	6cp
	1 7 07	Total 12cp	85503	Design Thinking	6ср
CTMOOR	00 0 (CE-1)			Tota	al 96cp
	80 Core subjects (SecEd)		STM907	789 Core subjects (Honours)	
013403	The School in the Context of Contemporary Society	6ср	84905	Design in the Wild	12cp
013404	Inclusive Education: Students with Learning		84906	Professional Studio	12cp
	Difficulties and Disabilities	6ср		Tota	al 24cp
013405	Teaching, Learning and Motivation	6ср	CTMOOF	700 Core subjects	
013406 013407	Understanding Adolescents Perspectives on Aboriginal Education	6cp	83119	790 Core subjects	600
013407	Designing Learning for a Digital Generation	6ср 6ср	83621	Thinking Fashion Studio: Foundations in Patternmaking and	6ср
013409	Professional Learning	6ср	00021	Construction 1	6ср
013410	Capstone: Professional Vision in Practice	6ср	83622	Studio: Fashion Illustration Fundamentals 1	6cp
		Total 48cp	83231	Fashion Cultures	6ср
STM907	81 Business Studies/Economics subjects	(SecEd)	83882	Foundations in Patternmaking and Construction 2	6ср
013438	Business Studies / Economics Teaching	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	83233	Fashion Illustration Fundamentals 2	6ср
	Methods 1	6ср	83343	Studio: Bespoke Fashion	6ср
013439	Business Studies/Economics Teaching	-	83341	Fashion, Gender and Identity	6cp
	Methods 2	6cp	83721 83722	Studio: Fashion Illustration Exploration Studio: Body Mapping	6ср 6ср
		Total 12cp	83723	Textile Lab: New Technologies	6ср
STM907	82 Business Studies/Economics/History	subjects	83821	Studio: Men's Collection	12cp
(SecEd)			83822	Studio: Women's Collection	12cp
013438	Business Studies / Economics Teaching		83823 85503	Fashion and Textiles Professional Practice Design Thinking	6ср 6ср
01010	Methods 1	6ср	85502	Researching Design History	6ср
013437	History Teaching Method	6cp	85202	Interdisciplinary Lab A	6cp
		Total 12cp	85302	Interdisciplinary Lab B	6ср
STM907	83 Business Studies/Economics/Society	and		Total	120cp
	subjects (SecEd)		STM907	791 Core subjects	
013438	Business Studies / Economics Teaching		87631	Design Studio: Text and Image 1	12ср
0.1.0.1.0	Methods 1	6ср	87100	VC Project: Ways of Seeing	6ср
013440	Society and Culture Teaching Method	6ср Total 12ср	87632	Design Studio: Text and Image 2	12cp
		10tai 12cp	87222 87731	VC Project: Symbols and Systems	6cp
STM907	84 Business Studies/Economics/Legal S	tudies	87441	Design Studio: Visual Experimentations VC Studies: Contexts of Visual Communication	12ср 6ср
subjects	s (SecEd)		87443	VC Project: Typography in Context	6ср
013438	Business Studies / Economics Teaching		87445	VC Project: Visualising Experience	6ср
0.40.4.4	Methods 1	6ср	87831	Design Studio: Visual Communication and	10
013441	Legal Studies Teaching Method	6cp	87832	Strategic Design Design Studio: Design Practice	12ср 12ср
		Total 12cp	87665	VC Project: The Community	6cp
STM907	85 History/Society and Culture subjects	(SecEd)	85503	Design Thinking	6cp
013437	History Teaching Method	6ср	85502	Researching Design History	6ср
013440	Society and Culture Teaching Method	6ср	85202	Interdisciplinary Lab A	6cp
		Total 12cp	85302	Interdisciplinary Lab B Total	6ср 120ср
STM907	86 History/Legal Studies subjects (SecE	d)		iotai	120cp
013437	History Teaching Method	6 ср	STM907	792 Core subjects	
013441	Legal Studies Teaching Method	6ср	75422	Transactional Practice	6ср
	_	Total 12cp	75423 75424	Litigation and Estate Practice	6cp
			75424 75411	Legal and Professional Skills Practical Experience	6ср 0ср
			, 0 111		al 18cp
					1

STM90793 Options		STM90806 Canada (Quebec) Stream
CBK90390 Options	30cp	CBK90490 French Language and Culture 16cp
STM90792 Core subjects	18cp	979516 Contemporary Canada (Quebec) 8cp
	Total 48cp	Total 24cp
STM90794 Core subjects		STM90807 Switzerland Stream
11501 Architectural Practice: Advocacy	6ср	979517 Contemporary Switzerland 8cp
11502 Architectural Practice: Finance and Project		CBK90895 Switzerland Options 16cp
Management 11503 Architectural Practice: The Profession	6ср 6ср	Total 24cp
11504 Architectural Practice: The City	6ср	STM90808 Chile Stream
11551 Masters Architectural Design Studio 1	12cp	CBK90491 Spanish Language and Culture 16cp
11552 Masters Architectural Design Studio 2 11553 Masters Architectural Design Studio 3	12ср 12ср	979518 Contemporary Latin(o) Americas 8cp
Select one of the following:	12cp	Total 24cp
11554 Masters Architectural Design Studio	4 12cp	STM90809 Mexico Stream
11555 Masters Architectural Design Thesis	12cp	CBK90491 Spanish Language and Culture 16cp
	Total 72cp	979518 Contemporary Latin(o) Americas 8cp
STM90796 Biomedical thread		Total 24cp
CBK90881 Level 1 Subjects	24cp	STM90810 Argentina Stream
CBK90882 Level 2 Subjects	12cp	CBK90491 Spanish Language and Culture 16cp
	Total 36cp	979518 Contemporary Latin(o) Americas 8cp
STM90797 Biomedical thread		Total 24cp
CBK90883 Level 1 Subjects	24cp	STM90811 Colombia Stream
CBK90882 Level 2 Subjects	12cp	CBK90491 Spanish Language and Culture 16cp
	Total 36cp	979518 Contemporary Latin(o) Americas 8cp
STM90798 Economics stream (Honours)		Total 24cp
23917 Advanced Macroeconomics	6ср	STM90812 Latino USA Stream
23907 Advanced Microeconomics	6cp	CBK90491 Spanish Language and Culture 16cp
23908 Economic Modelling 23918 Economic Policy Seminar	6cp	979518 Contemporary Latin(o) Americas 8cp
23909 Thesis Proposal in Economics (Honours)	6ср 6ср	Total 24cp
23910 Thesis in Economics (Honours)	18cp	STM90813 Core subjects (Editing and Publishing)
	Total 48cp	57046 Professional Editing 8cp
STM90799 Finance stream (Honours)		57053 Book Publishing and Marketing 8cp
25921 Theory of Financial Decision Making	6ср	Total 16cp
25922 Financial Econometrics	6cp	STM90814 Core subjects (Screenwriting)
25924 Advanced Corporate Finance	6cp	57101 Advanced Screenwriting 8cp
25923 Derivative Security Pricing 25928 Thesis Proposal in Finance (Honours)	6cp	57142 Writing for the Screen 8cp
25929 Thesis in Finance (Honours)	6ср 18ср	Total 16cp
` '	Total 48cp	STM90815 Core subjects
STM90800 China Stream		57031 Non-fiction Writing 8cp
CBK90487 Chinese Language and Culture	16cn	57041 Narrative Writing 8cp
979510 Contemporary China	16ср 8ср	57134 Theory and Creative Writing 8cp
	Total 24cp	Total 24cp
CTM00004 Issues Classes		STM90816 Core subjects (Creative Writing)
STM90801 Japan Stream	16 an	57188 Writing Project 1 8cp
CBK90488 Japanese Language and Culture 979511 Contemporary Japan	16ср 8ср	57189 Writing Project 2 8cp
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Total 24cp	57190 Writing Seminar 8cp Total 24cp
CTM00000 France Classes		10tai 24cp
STM90802 France Stream	16	STM90817 Core subjects (Journalism)
CBK90490 French Language and Culture 979512 Contemporary France	16ср 8ср	57011 Research and Reporting for Journalism 8cp
577612 Contemporary Trance	Total 24cp	Total 8cp
C=1400000 C	•	STM90818 Core subjects (Journalism)
STM90803 Spain Stream	17	57011 Research and Reporting for Journalism 8cp
CBK90491 Spanish Language and Culture 979513 Contemporary Spain	16ср 8ср	57151 Storytelling with Sound and Image 8cp
2772010 Contemporary opam	Total 24cp	Total 16cp
CT 140004 0	1	STM90819 Core subjects (Journalism)
STM90804 Germany Stream	4.2	57011 Research and Reporting for Journalism 8cp
CBK90492 German Language and Culture 979514 Contemporary Germany	16ср 8ср	57013 Journalism Studies 8cp
777011 Contemporary Germany	Total 24cp	57151 Storytelling with Sound and Image 8cp
	-1	57185 Journalism Major Project 1 8cp 57186 Journalism Major Project 2 8cp
STM90805 Italy Stream	4.0	Total 40cp
CBK90493 Italian Language and Culture 979515 Contemporary Italy	16ср 8ср	•
27.7010 Contemporary italy	Total 24cp	
	-I	

SUBJECTS

010039 Teaching English for Academic Purposes

6cp; availability: not offered to exchange and study abroad students Postgraduate

This subject is designed for students who aim to teach programs that support students studying at tertiary level in English. This may include teaching in tertiary preparation courses, academic language support programs, or teaching other subject areas in English-medium universities where some or all students are non-native speakers of English. It is also relevant to teaching in senior secondary schools as a pathway to academic study. The subject takes account of the contexts of English for academic purposes (EAP) in Australia and internationally. The content addresses aspects from the nature of academic English, issues of program design and provision, modes of pedagogy, and practices in testing and assessment. Students engage with theories of language and learning as they have relevance to the context of teaching EAP. They apply theoretical knowledge in explorations of their own practice and that of others in the field.

010040 Program Development and Evaluation in Indigenous Education and Development

6cp; availability: not offered to exchange and study abroad students Postgraduate

This subject extends to areas of adult learning to look at evaluation, the development of programs and the complex range of considerations and perspectives that need to be considered in designing and evaluating programs in Indigenous education and development.

010041 Research, Ethics and Indigenous Cultural Heritage

6cp; availability: not offered to exchange and study abroad students Postgraduate

This subject focuses on issues, considerations and protocols for educators and researchers working with Indigenous peoples and communities.

010042 Student Learning and Teaching Approaches

6cp; on campus (6 x 3hr face-to-face workshops during semester, plus online learning/negotiated independent learning for participants unable to attend some workshops); availability: not offered to exchange and study abroad students

Participants in this subject develop their understanding of key ideas from research on student learning and teaching in higher education to enable them to reflect on and review their teaching from the perspective of this research. They develop their understanding of a model that relates teaching to student learning and is underpinned by empirical research on student learning and teaching in higher education, so that they become more aware of students' approaches to their learning, the influences of the learning environment on students' approaches to learning, and relations between learning approaches and the quality of the learning outcome. Participants relate this to their approaches to teaching, the nature of good teaching and teaching strategies which encourage high quality student learning. They seek feedback on their own teaching from students and peers and make use of this feedback and the research to plan changes to their teaching to improve the learning environment for students.

010043 Course Design and Assessment

6cp; 6 x 3hr seminars approx. 2 wks apart during semester; availability: not offered to exchange and study abroad students

This subject aims to develop university teachers' ability to design courses and subjects that provide an environment for meaningful student learning in higher education. The subject looks at the context within which subjects and courses are developed and how course design policies shape the development of course goals and subject objectives. Participants in the subject develop an understanding of the principles of constructive alignment (Biggs, 2003) as a method for achieving consistency between objectives assessment and teaching and learning activities. Participants relate the features of effective assessment to their own subject design, with attention to issues of equity, validity, the involvement of students in assessment choices, marking efficiencies, and the provision of effective feedback on student work. This subject enables university teachers to explore a range of methods for improving courses and subjects in order to ensure an effective learning environment for students.

010044 Scholarly Teaching and Learning Project

6cp; 1×1 hr seminar, once a month project adviser; availability: not offered to exchange and study abroad students

This subject draws together and builds on what participants have learned in other course subjects and their previous teaching experience. It involves participants in undertaking a scholarly project focused on understanding and improving selected aspects of their teaching and learning. Participants choose an area that they would like to investigate, and undertake one plan-act-observe-reflect cycle in which they plan a change to their teaching or subject, implement the change, collect information about its effects, and reflect on the information. The project is informed by scholarly literature related to higher education in general and/or to teaching and learning in the participant's discipline. Participants may choose to develop their project further and communicate it to achieve publishable outcomes.

010045 Reflective Academic Practice

6cp; 1 x 3hr seminar, work experience adviser; availability: not offered to exchange and study abroad students

This subject enables participants to extend their awareness of the broader context of academic work in a practice-oriented university. Participants have the choice of exploring a wide range of topics relevant to their academic work, including research supervision or research-led teaching in their discipline. Credit can be gained towards subject completion by participating in professional development activities offered in the University such as the LEAP modules on entrepreneurship or project management. The subject also provides an opportunity for participants to reflect on their learning over the course as a whole and identify practical learning outcomes for their own practice.

010050 Student Welfare: Implications for Teaching and Learning

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

Living in contemporary society presents many challenges affecting students' readiness to learn and engage with others. This subject describes and analyses some welfare issues currently dealt with in the primary school context. Issues addressed include children's rights, youth suicide, grief, drug and alcohol problems, domestic violence, child abuse, bullying, adoption, and eating disorders. An important aim is to assist future teachers to follow referral procedure, identify appropriate resources and use strategies for coping with these situations when they arise. Presentation of this subject involves visiting experts in their field. It does not have a counselling function.

010051 Beginning Teaching: Surviving and Thriving

6ср

Undergraduate

This subject addresses some of the challenges that beginning teachers meet in their first year of teaching, including interaction with parents, membership of the wider school community, collegial and professional interactions, and management of professional roles and responsibilities. Students explore strategies that assist them to thrive, rather than merely survive, as beginning teachers. The hidden curriculum of the primary school is examined as a means of equipping students with a repertoire of skills that facilitate a smooth transition to becoming a professional primary school teacher.

010052 Environmental Sustainability Education

6ср

Elective

This subject investigates ways in which education for sustainability can be incorporated in the F–6 curriculum, in particular HSIE/Geography and Science and Technology, and the mandate for its inclusion. Education for sustainability involves recognising the need to understand the world around us and how it works, natural and human/social systems, and how these things interrelate. The subject also investigates and supports the development of the skills and experience necessary in implementing, integrating and evaluating related teaching/learning experiences in current curriculum documents and those that are under development. The

subject addresses values such as a commitment to an understanding of environmental sustainability, as well causes and effects related to social justice, globalisation, economics, intercultural understanding, democratic processes and responsible uses of technologies.

010070 Professional Practice 1 Language Literacy and Numeracy

6cp; 2hpw, weekly (TESOL students in Autumn semester), block (non-TESOL students); availability: not offered to exchange and study abroad students

Undergraduate

This subject develops initial practical teaching skills through the observation and analysis of lessons; the planning and delivery of several short, micro teaching activities; undertaking a practicum placement; and the keeping of a reflective journal.

010071 Professional Practice 2 Language Literacy and Numeracy

6cp; availability: not offered to exchange and study abroad students Undergraduate

This subject extends the skills developed in Professional Practice 1, in the areas of lesson planning and implementation, and classroom management. The focus in this subject is on supervised classroom practice and the development of a reflective stance in teaching.

010072 Professional Practice 1 Vocational Education and Training

6cp; availability: not offered to exchange and study abroad students Undergraduate

This subject aims to develop the professional skills of teachers/trainers within the vocational education and training (VET) sector to meet the learning needs of adults and young adults. The subject links to industry training requirements and draws upon theories of adult and adolescent learning. It requires participants to develop their teaching/training proficiency through the design, delivery and evaluation of lessons. Practical experiences take place within the university setting and at participants' workplaces; feedback is provided by DVD filming, peers, and UTS professional staff.

The subject is one of a pair. Professional Practice 1 focuses primarily on the teacher's role in providing direct instruction, including demonstration of practical skills. Professional Practice 2 is concerned with the teacher as designer and facilitator of student-centred learning. Both subjects additionally aim to develop participants' written communication skills.

010073 Professional Practice 2 Vocational Education and Training

6cp; availability: not offered to exchange and study abroad students Requisite(s): 010072 Professional Practice 1 Vocational Education and Training

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject aims to develop the professional skills of teachers/trainers within the vocational education and training (VET) sector to meet the learning needs of adults and young adults. The subject links to industry training requirements and draws on theories of adult and adolescent learning. It requires participants to develop their teaching/training proficiency through the design, delivery and evaluation of lessons. Practical experiences take place within the university setting and at participants' workplaces; feedback is provided by DVD filming, peers, and UTS professional staff.

The subject is one of a pair. Professional Practice 1 focuses primarily on the teacher's role in providing direct instruction, including demonstration of practical skills. Professional Practice 2 is concerned with the teacher as designer and facilitator of student-centred learning. Both subjects additionally aim to develop participants' written communication skills.

010074 Professional Practice 1 Human Resource Development

6cp; availability: not offered to exchange and study abroad students Undergraduate

This subject is designed to assist students develop their skills in both the practice of HRD and the capacity for critical reflection on their own practice and learning. Within this subject students analyse their own practice and consider how theories and principles discussed in other subjects forming part of this program have impacted on their own human resource development practice.

010075 Professional Practice 2 Human Resource Development

6cp; availability: not offered to exchange and study abroad students Requisite(s): 010074 Professional Practice 1 Human Resource Development

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject is designed to assist students develop their skills in both the practice of HRD and the capacity for critical reflection on their own practice and learning. Within this subject students extend their ability to analyse their own practice and consider how theories and principles discussed in other subjects forming part of this program have impacted on their own human resource development practice.

010076 Professional Practice 1 Organisational Learning

6cp; availability: not offered to exchange and study abroad students Undergraduate

This subject has a focus on the development of professional skills of teaching/training and the facilitation of learning and workplace training/education for organisational learning. The subject has a work-based focus, prepares students for their workplace experience and is supported by theories of adult learning. It involves students in demonstrating the acquisition of skills through practical implementation of new knowledge. This may occur via demonstration of teaching/training skills, design and presentation or facilitation of learning activities and other specific applications underpinning knowledge to effective problem solving in a variety of learning contexts in organisations.

010077 Professional Practice 2 Organisational Learning

6cp; availability: not offered to exchange and study abroad students Requisite(s): 010076 Professional Practice 1 Organisational Learning These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject has a focus on the continued development of professional skills of teaching/training and the facilitation of learning, workplace training/education and the work experiences of adults. The subject has a work-based focus and is supported by theories of adult learning. It involves students demonstrating the acquisition of skills through practical implementation of new knowledge, presentation to peers and critical reflection on personal learning from an approved workplace experience of 100 hours.

010078 Professional Practice 1 Vocational and Workplace Learning

6ср

Undergraduate

Further information on this subject is available from UTS: Education.

010079 Professional Practice 2 Vocational and Workplace Learning

6cp

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Further information on this subject is available from UTS: Education.

010140 Exchange Elective 1 (Education)

6cp

Further information on this subject is available from UTS: Education.

010141 Exchange Elective 2 (Education)

6cp

Further information on this subject is available from UTS: Education.

010142 Exchange Elective 3 (Education)

6cr

Further information on this subject is available from UTS: Education.

010143 Exchange Elective 4 (Education)

6ср

Further information on this subject is available from UTS: Education.

012208 English Education 1

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject introduces students to the central role of language in the development of primary students' intellectual, social and psychosocial development. Students are introduced to the NSW K–6 English syllabus and the drama strand of the NSW K–6 creative arts syllabus, and the projected national curriculum. Through a program of structured engagement, students develop knowledge and skills in a repertoire of language practices related to the teaching and learning of language through literature and drama. The subject develops students' knowledge about the English language (printed texts, visual and digital formats), informed appreciation of literature (Australian and international texts) and growing repertoires of English usage (spoken and written modes). Through engagement with the subject, students improve their standards of personal literacy in the context of tertiary studies and primary school teaching. The subject examines a broad range of genres and the crucial aspects of language in the key learning areas.

012209 English Education 2

6cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 012208 English Education 1 OR 024211 English Education 1

Undergraduate

The aim of this subject is to develop students' knowledge and understanding of the nature of literacies with a focus on the knowledge, skills and strategies needed to teach children to read and write and to use reading and writing as a useful, enjoyable part of their lives. This subject follows on from the introductory English Education 1 and focuses on the development of reading and writing in K-6. Students engage in analysing different texts and contexts and develop proficiency in planning, implementing, monitoring and evaluating the literacy development of children K-6. Students also undertake reading and writing activities of their own. Through a functional approach to learning language, students come to appreciate a diversity of language contexts within a multicultural society and gain increasing facility in describing how language works, not only in reading and writing but also across all of the key learning areas. Current theories/research about reading and writing are examined with a focus on the implications for teaching/learning in the primary school context.

012210 Mathematics Teaching and Learning 1

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject encourages students to become aware of their beliefs about the nature of mathematics and the teaching and learning of mathematics and examine the implications that these beliefs can have for their teaching. Students become familiar with various theories of learning that are dominant in mathematics education. This subject encourages students to use problem-solving approaches in the teaching and learning of mathematics. Students are introduced to ways of teaching and learning concepts, particularly in measurement. The study of measurement concepts involves the modelling of participative and collaborative learning approaches.

012211 Mathematics Teaching and Learning 2

6cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 012210 Mathematics Teaching and Learning 1 OR 025211 Mathematics Teaching and Learning 1 Undergraduate

This subject develops students' understanding of how to work mathematically in the teaching and learning aspect of the NSW K-6 mathematics syllabus. Students use current approaches to develop their own understanding of geometrical and number concepts and to develop strategies and techniques for teaching geometry and number concepts in the primary school. Participative and collaborative learning approaches are employed and the use of reflection and documentation of learning through portfolios is continued. The subject assists students to develop critical thought about, and reflection on, the teaching of mathematics in the primary school.

012212 Mathematics Teaching and Learning 3

6cp; availability: exchange and study abroad students with faculty

Requisite(s): (012210 Mathematics Teaching and Learning 1 OR 025211 Mathematics Teaching and Learning 1) AND (012211 Mathematics Teaching and Learning 2 OR 025212 Mathematics Teaching and Learning 2)

Undergraduate

This subject allows students to further develop their philosophy of teaching and learning in mathematics. It examines the construction of, and builds students' understanding in, sound methodological principles for the development of concepts in rational number, introductory algebraic concepts, elementary number theory, and basic ideas in probability and statistics. The subject also identifies and analyses some of the critical issues in contemporary mathematics education, and develops an awareness of their implications for teaching and learning. Students are encouraged to reflect on their own learning about, and teaching of, the NSW K-6 mathematics syllabus. The link with the school-based field component of the corresponding professional experience subject enables students to apply and reflect upon mathematics teaching and learning episodes.

012213 Learning in Science and Technology 1

6cp; availability: exchange and study abroad students with faculty approval $% \left(1\right) =\left(1\right) \left(1\right$

Undergraduate

This subject introduces students to learning and teaching science and technology in the primary school (K-6). Throughout this subject students are encouraged to articulate, reflect on and develop their theories of learning and teaching in science and technology based on their reading of the literature and experiences in the classroom and with primary school-aged children. Students develop their understanding of the nature of science and technology, of current theories of learning and teaching science and technology, and of research that informs those understandings. Students learn how to access information in a variety of forms from a range of sources, and how to critically evaluate information and ideas; a preparation for lifelong learning and for developing scientific, technological, information and language literacy. Students are guided to use the Board of Studies Foundation Statements to develop teaching and learning units and teaching approaches. The subject locates learning and teaching in intellectual, practical, creative, social, gender-inclusive and culturally sensitive contexts.

012214 Learning in Science and Technology 2

6cp; availability: exchange and study abroad students with faculty approval $% \left(1\right) =\left(1\right) \left(1\right$

Requisite(s): 012213 Learning in Science and Technology 1 OR 028221 Learning in Science and Technology Undergraduate

This subject builds on Learning in Science and Technology 1 and continues to assist student development as a lifelong learner. It guides students in undertaking independent and collaborative inquiry, leading to the creation of new ideas and a critical understanding of established knowledge. Students are supported as they take increased responsibility for their own learning about science and technology concepts, and about pedagogies and approaches to teaching and learning with primary aged students and with programming in this key learning area. In requiring students to use a variety of sources

(including the internet) for accessing, analysing and evaluating information, Learning in Science and Technology 2 contributes to the development of literacy in science and technology and information technologies. Further, it helps students to become informed, ethical and committed primary school teachers and/or scholars and researchers in this field.

012215 Social and Environmental Education 1

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject develops a student's understanding of the NSW primary curriculum area of human society and its environment. Students acquire proficiency in planning, presenting, assessing and evaluating pupils' learning experiences at the K–6 levels, consistent with current syllabus approaches. Students are also encouraged to critically reflect on the wider challenges of preparing Australian school children to become community, national and global citizens. It is anticipated that through studying this subject, prospective teachers do more than inform themselves about the social sciences, but that they hone their skills as social scientists, formulating and expressing the views and questions that social scientists (and all of us) do.

012216 Social and Environmental Education 2

6cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 012215 Social and Environmental Education 1 OR 029211 Social and Environmental Education

Undergraduate

This subject develops students' understanding of social justice issues through a critical examination of the media. It extends students' knowledge of the civics component of the NSW K-6 human society and its environment syllabus and builds pedagogical skill in its implementation. In this subject students investigate current social issues as a means for exploring and understanding social justice matters. One aim of this subject is to enable students to interpret and respond to the media more critically and discerningly, with a view to helping their primary students do likewise. Investigation of social responses include the use of media, consumer power and political processes to effect change. This subject also focuses on a study of devices used by the media, and their role in persuading readers/ listeners of certain points of view. At the completion of the subject, students are expected to have a well-developed understanding of the impact that the media have on public opinion, including the power of persuasion through advertising, as well as language bias in news and documentary reports. Students also deconstruct their own learning, and implications for the teaching of topics and content they choose in their own classrooms.

012217 Personal Development, Health and Physical Education 1

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

The aim of this subject is to develop students' knowledge and understanding of the nature of the discipline of personal development, health and physical education (PDHPE), its relationship to supporting the development of the health and wellbeing of the child, and implications for teaching. The subject introduces students to PDHPE in primary schools. It examines health and movement issues relevant to the primary-aged child in today's society. It introduces relevant theories and processes underpinning the discipline and teaching of the PDHPE key learning area. The subject addresses the areas of fundamental movement skills, dance, gymnastics, games, sports, healthy approaches to physical activity, healthy eating, sexual health, safety and protective behaviours, child protection, drug education, social and emotional wellbeing, resilience, connectedness, interpersonal relationships and healthy choices. This involves a thorough analysis of the theoretical and practical movement and health studies supporting the implementation of the NSW K-6 PDHPE syllabus package, with a view to the development of informed and integrated teaching programs. Students participate in activity-based workshops that address supporting topics as well as issues relevant to their future working environments.

012218 Personal Development, Health and Physical Education 2

6cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 012217 Personal Development, Health and Physical Education 1 OR 027211 Personal Development, Health and Physical Education

Undergraduate

This subject aims to further develop students' understanding of the nature of personal development, health and physical education (PDHPE) in primary schools. It involves analysing the NSW K-6 PDHPE syllabus and effectively planning and implementing strategies for PDHPE lessons. The subject builds on the introduction to fundamental teacher knowledge of curriculum content, design and pedagogical skills in the PDHPE key learning area (KLA) with particular reference to the primary school. The subject investigates the roles and responsibilities of teachers of PDHPE and provides an opportunity for both the theory and practice of learning and teaching in PDHPE to be explored. The subject gives insight into a range of curriculum materials, strategies and processes. It investigates the advantages and disadvantages of the various teaching principles for the PDHPE KLA and provides students with the knowledge, skills and understanding to be able to plan, program and teach effectively in all facets of the PDHPE syllabus.

012219 Music, Movement and Dance

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject develops student knowledge of the K-6 NSW Board of Studies syllabus relating to the teaching of music, movement and dance in accordance with the creative arts key learning area. It also develops students' skill and confidence in actively engaging primary students in learning experiences that are developmentally appropriate and meet the diverse needs of those students. This subject focuses on the development of basic skills and understandings in music literacy, classroom-based performance skills, and teaching strategies in the areas of vocalising, movement, playing musical instruments, listening to music, and composing music for the primary school classroom. In examining movement, elements of dance are also explored. Students are involved in the implementation of the curriculum through a range of strategies: whole-class campus-based teaching, peer teaching of musical concepts, presentations of ideas for engaging K-6 students in learning activities relating to music, movement and dance, and through opportunities to apply this learning in school-based settings in the field.

012220 Visual Arts Education

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject engages participants in art practice across a range of 2D, 3D and 4D forms and develops competencies in the fields of art criticism and art history. Participants enhance their capacities in visual literacy, art theorising and aesthetic education through managed classroom dialogue and on-site learning in an art gallery environment. In addition, an introduction to art education methods and essential professional management of learning in visual arts equips participants in this subject to develop engaging, competent visual arts programs and initiatives in their field experience in the primary school.

012221 Philosophical and Ethical Practice in Education

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

The aim of this subject is to assist students to be ethical decision-makers and reflective educational practitioners, basing their actions on their own clearly considered philosophy of education as well as relevant and convincing arguments from research and policy. Such decision-making implies a reasoned and informed approach to teaching based upon an understanding and evaluation of relevant arguments, responsibilities and underlying principles. Students develop and clarify their own philosophy of education by examining various perspectives and the arguments and principles involved in current educational issues. In so doing, it is expected that students further develop critical-reflective skills needed for meaningful and successful educational practice.

012222 Child Development

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

The aim of this subject is to develop student knowledge and understanding of the nature of human developmental change, and its implications for primary education, within the age range of 5 to 12 years. The subject focuses on knowing and understanding children; how they are alike and different, and how they change over time. This is important in helping teachers make appropriate educational decisions. The notion of childhood as a developmental phase and aspects of human development that change over time, including cognitive, biosocial and psychosocial, are considered. Current theories, reflective of the scholarly field, and their implications for practice in the primary school, are examined. Students take part in a program of professional reading, and in a range of class-based and field-based activities that enable a critical consideration of selected theories of human development and how they may inform teaching practice in the primary school.

012223 Research in Learning

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

The aims of this subject are to explore educational issues through research with a view to improving professional practice, to develop student knowledge and understanding of the research process with a specific focus on research in education (teaching and learning) and to foster a critical reflective capacity to enhance and improve praxis. The subject examines the role that educational research can play in informing classroom practice. Students read and interpret a range of research studies from differing paradigms and perspectives. The questions, assumptions, methodologies, findings and implications of these studies are identified and assessed. Discussions centre on ways that such research can be used in developing approaches that help K-6 students learn. Consideration is also given to the role of the teacher as researcher in a school context.

012224 Sociology of Education

6cp; availability: exchange and study abroad students with faculty approval $% \left(1\right) =\left(1\right) \left(1\right$

Undergraduate

This subject enables students to apply sociological theories and concepts to the study of education and inequality in Australian society. It supports the development of an understanding of the social world through social theories that seek to explain the social, economic and political forces shaping schools and classrooms. It explores the ways in which these forces interact in the Australian context to influence educational outcomes. The subject focuses on a critical-reflective approach to educational practices and beliefs highlighting the importance of discussion and dialogue in the development of our understanding of educational issues. Some issues examined are the construction of knowledge and the process of socialisation in schools, forms of capital, poverty and disadvantage, globalisation, gender, indigenous and multicultural education.

012225 Issues in Indigenous Australian Education

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject is a mandatory Aboriginal and Torres Strait Islander perspective that provides a scaffold for education students, through field-based and investigative activity, to develop their own capacity to implement some state and federal Indigenous education policy priorities. Enhancing the educational outcome of Indigenous students and ensuring that all school students are appropriately taught Aboriginal and Torres Strait Islander studies are priorities in contemporary education across Australia. The subject provides foundation knowledge and experiences that assists students to recognise underpinning principles that apply to effective partnership with Indigenous communities and reflect upon their own practice and how it might contribute to meeting the diverse requirements of Indigenous Australian students. Issues such as integrating Aboriginal perspectives across key learning areas, historical educational experiences, and the nature and impact of policy, post-colonialism and the foundation status of Indigenous Australians are explored.

012231 Professional Experience 1: Beginning Teaching

6cp; availability: not offered to exchange and study abroad students Undergraduate

This subject introduces students to primary school teaching and to the professional teaching standards. It provides a foundation on which future professional experience subjects build in terms of theoretical knowledge and practical skills. It begins the process of integrating theory and practice by forging close links between campus-based activities and field-based experiences.

The campus-based component of the subject orients students to the nature of primary schools, the roles of the primary school teacher, the relationship of teacher to learner, and the diversity of learning experiences offered by the different disciplinary areas. In the field-based component of the subject, students complete a series of distributed full-day visits to a regular primary classroom, with an observational focus. This provides students with authentic experiences on which to base critical reflection and interpretation in terms of the literature.

This subject requires eight days in a school setting.

First-year experience videos

View commentary from students and academics about this first-year subject at:

- Student video: www.youtube.com/user/utschannel#p/u/9/ nKP5qjt2s4I
- Academic video: www.youtube.com/user/utschannel#p/u/7/wo_aZQqpM3w

012232 Professional Experience 2: Developing Classroom Management

6cp; availability: not offered to exchange and study abroad students Requisite(s): 012231 Professional Experience 1: Beginning Teaching OR 023151 Professional Experience 1: Beginning Teaching Issues in the Primary School

Undergraduate

The central aim of this subject is to introduce students to classroom management in the primary school in terms of the interconnected elements of planning for learning, managing the physical and psychological environments in which learning occurs, and managing student behaviour within those contexts.

This subject provides students with a knowledge and skill base enabling the making of informed and appropriate educational decisions as they relate to daily classroom life. The skills associated with maximising learning and learner cooperation are central to effective teaching practice. On this premise, the subject engages students in critical consideration of learning, planning and presentation strategies for learning episodes and of the skills associated with classroom management in the primary school. The subject examines current professional literature on classroom management. Students apply and critique selected management principles in the context of school-based professional experience settings.

This subject requires 10 days in a school setting.

012233 Professional Experience 3: Integrating Learning Technologies

6cp; availability: not offered to exchange and study abroad students Requisite(s): [012231 Professional Experience 1: Beginning Teaching OR 023151 Professional Experience 1: Beginning Teaching Issues in the Primary School) AND [012232 Professional Experience 2: Developing Classroom Management OR 023152 Professional Experience 2: Developing Classroom Management) Undergraduate

This subject develops critical thinking on the use of educational technologies in the primary school. It emphasises collaborative learning and encourages students to develop relevant knowledge, skills and attitudes to make effective use of ICT as a professional teacher.

In this subject, students deepen their understanding of how children can creatively use learning technologies to enhance their learning experiences across the K-6 curriculum. They develop their own teaching philosophy and consider innovative pedagogical approaches to using ICT in various key learning areas (KLA), with a particular focus on the science and technology KLA. Students need to demonstrate prescribed ICT competencies before starting this subject. Subject content focuses on the theme of 'children as designers' as a theoretical orientation underpinning K-6 e-learning.

This subject requires 10 days in a school setting.

012234 Professional Experience 4: Integrating Diverse Contexts in Education

6cp; availability: not offered to exchange and study abroad students Requisite(s): (012231 Professional Experience 1: Beginning Teaching OR 023151 Professional Experience 1: Beginning Teaching Issues in the Primary School) AND (012232 Professional Experience 2: Developing Classroom Management OR 023152 Professional Experience 2: Developing Classroom Management) AND (012233 Professional Experience 3: Integrating Learning Technologies OR 023153 Professional Experience 3: Assessment and Evaluating in Education)

Undergraduate

The main aim of this subject is to give students experience, pedagogical skills and background in teaching and learning in a range of diverse educational environments both inside and outside the school classroom. The subject extends students' knowledge and skills base, enabling them to make increasingly informed decisions concerning teaching practices that place the primary student at the centre of learning. Students develop skills in providing optimal learning environments and optimal approaches to learning for primary students in school, at home and in informal learning settings.

The subject addresses the theoretical underpinnings and professional skills of promoting learner interaction, self-initiated thinking and inquiry. It looks at the different approaches, considerations and pedagogies that are needed when students are learning outside the classroom environment. It investigates appropriate learning interactions with a range of adults, such as parents/caregivers, expert visitors to the school and informal educators, in order to provide primary students with the best possible opportunities for learning with their school class and for personal lifelong learning.

This subject requires five days in an informal learning setting.

012235 Professional Experience 5: Teaching Students with Special Educational Needs

6cp; availability: not offered to exchange and study abroad students Requisite(s): (012231 Professional Experience 1: Beginning Teaching OR 023151 Professional Experience 1: Beginning Teaching Issues in the Primary School) AND (012232 Professional Experience 2: Developing Classroom Management OR 023152 Professional Experience 2: Developing Classroom Management) AND (012233 Professional Experience 3: Integrating Learning Technologies OR 023153 Professional Experience 3: Assessment and Evaluating in Education) AND (012234 Professional Experience 4: Integrating Diverse Contexts in Education OR 023154 Professional Experience 4: Designing Educational Programs) Undergraduate

This subject examines strategies for teaching students with special education needs within the regular classroom. It explores methods of assessment, programming, explicit teaching and classroom organisation to meet the needs of primary students who are experiencing difficulty, particularly in literacy and numeracy. Students with special educational needs can include students from the entire spectrum of skill and development levels, including gifted and talented students.

The subject examines literature in which approaches to educational programming for students with special needs have been evaluated. As such, the subject forms linkages and extends concepts visited by other curriculum subjects in this degree. Students have an opportunity to discuss how changes in the design and delivery of special education impacts on their teaching in mainstream classrooms. It provides the basis for reflective practice in this important area of rapidly changing professional practice. The practical component of this subject allows students to apply the concepts and skills developed in the subject, and reflect on their application in a regular primary classroom and refine their teaching practices accordingly. This subject requires 11 days in a school setting.

012236 Professional Experience 6: Programming and Assessing in Education

6cp; availability: not offered to exchange and study abroad students Requisite(s): [(012235 Professional Experience 5: Teaching Students with Special Educational Needs OR 023155 Professional Experience 5: Teaching Students with Special Educational Needs] AND (012231 Professional Experience 1: Beginning Teaching OR 023151 Professional Experience 1: Beginning Teaching Issues in the Primary School) AND (012232 Professional Experience 2: Developing Classroom Management OR 023152 Professional Experience 2: Developing Classroom Management) AND 012233 Professional Experience 3: Integrating Learning Technologies AND 012234 Professional Experience 4: Integrating Diverse Contexts in Education)

Undergraduate

This subject provides students with a critical understanding of the elements of programming and assessing as fundamental to planning and evaluation responsibilities of the primary school teacher. The subject also explores reporting as a critical means by which the teacher facilitates student learning through effective feedback provision to students, parents/caregivers and school personnel.

The subject focuses on the development of educational programs by classroom-based practitioners. It contextualises programming in the primary school through considering external factors that impact on teachers' decision-making, including local, national and international policies, initiatives and trends in curriculum development. A key aim of the subject is to equip future teachers with practical skills of designing and creating effective classroom programs that are inclusive of students with varying learning needs. Highlighted in this subject are strategies for assessment of student learning within the classroom program, evaluation of that program and approaches to reporting both school activities and individual student achievement to parents and other stakeholders.

This subject requires 10 days in a school setting.

012237 Professional Experience 7: Meeting the English Language Needs of Learners

6cp; availability: not offered to exchange and study abroad students Requisite(s): ((012235 Professional Experience 5: Teaching Students with Special Educational Needs OR 023155 Professional Experience 5: Teaching Students with Special Educational Needs) AND 012236 Professional Experience 6: Programming and Assessing in Education AND (012208 English Education 1 OR 024211 English Education 1) AND (012209 English Education 2 OR 024212 English Education 2) AND (012231 Professional Experience 1: Beginning Teaching OR 023151 Professional Experience 1: Beginning Teaching Issues in the Primary School) AND (012232 Professional Experience 2: Developing Classroom Management OR 023152 Professional Experience 2: Developing Classroom Management) AND 012233 Professional Experience 3: Integrating Learning Technologies AND 012234 Professional Experience 4: Integrating Diverse Contexts in Education)

Undergraduate

This subject develops effective teaching and learning strategies for meeting the needs of all students and accounts for cultural and linguistic diversity (e.g. Aboriginal and Torres Strait Islander students) in primary school classrooms. With specific reference to the NSW K-6 English syllabus, its embedded ESL scales and the Board of Studies Foundation Statements, understanding of the implications for teaching and learning in these contexts is fostered. The subject focuses on the development of talking, listening, reading and writing across all key learning areas, as well as significant issues relating to the acquisition of English as an additional language. Students develop understanding of the impact of culture, cultural identity and diversity in schooling; the specific culture and language learning needs of students; and appropriate teaching strategies.

012238 Professional Experience 8: Reflecting on Educational Practice

6cp; availability: not offered to exchange and study abroad students Requisite(s): ((012235 Professional Experience 5: Teaching Students with Special Educational Needs OR 023155 Professional Experience 5: Teaching Students with Special Educational Needs) AND 012236 Professional Experience 6: Programming and Assessing in Education AND 012237 Professional Experience 7: Meeting the English Language Needs of Learners AND (012231 Professional Experience 1: Beginning Teaching OR 023151 Professional Experience 1: Beginning Teaching Issues in the Primary School) AND (012232 Professional Experience 2: Developing Classroom Management OR 023152 Professional Experience 2: Developing Classroom Management) AND 012233 Professional Experience 3: Integrating Learning Technologies AND 012234 Professional Experience 4: Integrating Diverse Contexts in Education) Undergraduate

The subject aims to challenge students' thinking and understanding of crucial aspects of the work of the teacher in the primary school, and develop skills in applying current practices, grounded in a critical awareness of recent literature in the field. To this end, Professional Experience 8 engages students in the completion of two 5-week modules: Module One - Class Management in a School Context which will critically examine how effective classroom management strategies are located within a school-wide approach to student discipline and welfare; and Module Two - NSW Quality Teaching Program: A pedagogical practices framework for professional dialogue to improve students' academic and social outcomes. Throughout the subject, articulation between campus- and field-based elements are also highlighted.

013001 The Psychology of Adolescent Learning

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject examines the nature of adolescents as learners and sociocultural theories of learning and their implications for secondary teaching. It focuses on psychological variables and individual differences in adolescent students' development and the practical implications and contributions of motivational theory for learning. Central themes include the role of meaning and structure, acquisition of skills, motivation to learn, anxiety and learning, learning concepts and acquiring skills, memory, retention and forgetting, and transfer of learning.

013002 Designing Learning for a Digital Generation

3cp; availability: not offered to exchange and study abroad students Undergraduate

This subject considers the impact of digital culture on teaching philosophy and how new learning technologies might be utilised in secondary education. The focus is on critique and analysis of using new learning technologies to help teenagers design, think and learn in a digital world, and how these technologies might mediate active, collaborative learning in a secondary education subject. Appropriate pedagogies for both face-to-face and online learning environments are examined.

013003 Evidence-based Practice

3cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject examines evidence-based practices of teaching and learning and their implications for contentious issues such as classroom management, class streaming and homework. Topics include 'teacher as researcher', reflective practitioner, action research, and action learning; the nature of evidence; how, what and when the educator knows students are learning; and what makes teaching effective. Research by UTS staff that exemplifies the role of evidence in teaching and learning is examined.

013004 Issues in Indigenous Australian Education

3cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject examines principles and practices for effective educational partnership with indigenous communities and individuals. It considers Australian social, educational and political policies and histories that affect contemporary Aboriginal education. Integrating Aboriginal perspectives across key learning areas and the foundational status of Indigenous Australians is explored. Topics include significant themes in Aboriginal education, current priorities/statistics pertaining to Aboriginal education, professional and community services/networks within Aboriginal education, cultural inclusiveness, cultural heritage protection and NSW syllabuses pertaining to Aboriginal studies and culture.

013005 The Secondary School

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject considers the knowledge, skills and attitudes teachers require to promote and manage learning in a secondary school. In this subject the theory and principles of teaching are linked to the experiences of in-school practice. The key roles teachers play in education and schooling and the institutional and legal responsibilities and rights of teachers in schools are examined. Topics include the purposes of schooling in a modern age, planning and programming, syllabus development, student-centred learning, effective teaching and classroom management skills, and evaluating teaching and learning technologies.

013006 Educating Students with Special Needs

6cp; availability: exchange and study abroad students with faculty approval $% \left(1\right) =\left(1\right) \left(1\right$

Undergraduate

This subject examines issues in special education and how secondary teachers can meet the challenges presented by students with learning or behavioural difficulties. It considers strategies for identifying students with special needs and developing effective programming to meet their needs. Topics include alternative curricula and pathways, adaptations and accommodations, types and purposes of assessment, support services available, adapting written materials, exam provisions, proactive approaches to behaviour management, and interventions and/or supports for students with problem behaviour.

013007 Professional Learning Portfolio

6cp; availability: not offered to exchange and study abroad students Undergraduate

In this subject students develop and present a professional learning portfolio that documents their learning in becoming an effective secondary teacher. The portfolio can demonstrate learning from a range of areas such as indigenous perspectives, social contexts, learning theory, teaching strategies, e-learning, disciplinary literacy and syllabus content.

The portfolio identifies the student's strengths and areas for improvement using a series of artefacts with reference to relevant elements of the Australian Institute for Teaching and School Leadership (AITSL) National Professional Teaching Standards for Teachers at the Graduate stage. The seven standards are grouped within the key domains of teaching; of professional knowledge, professional practice and professional engagement as indicated in the subject outcomes.

013008 The Socio-cultural Contexts of Secondary Education

 $\ensuremath{\mathsf{3cp}};$ this subject begins in the week before the start of semester Undergraduate

This subject investigates the sociocultural contexts of secondary education and social theories which seek to explain the social, economic and political forces shaping schools and classrooms. It explores the ways in which these forces interact in the Australian context to influence educational outcomes. This subject focuses on a critical–reflective approach to educational practices and beliefs which enables a critique of educational philosophy and how it influences professional practice. Some of the following issues are examined: the construction of knowledge and the process of socialisation in schools; forms of capital; poverty and disadvantage; globalisation; and gender, indigenous and multicultural education.

013009 Professional Experience 1 (Commerce, Business and Economics)

6cp; availability: not offered to exchange and study abroad students Requisite(s): 013039c Commerce, Business Studies and Economics Teaching Methods 1

Undergraduate

This subject introduces the wide-ranging experiences of a school teacher in the secondary school by placement in a school (the subject requires 23 days in a school setting). Opportunities vary depending on schedules and timetables but experiences include situation analysis, orientation, staff meetings, meetings with parents, sport activities and carnivals, supervision duties (e.g. playground duty), assessment, reporting, professional development sessions, and excursions.

Teaching begins with co-teaching, working with small groups and providing support to cooperating teachers and leading up to teaching parts of lessons and whole lessons. It includes close supervision from the cooperating teacher. In the subject, students demonstrate effective communication, knowledge of the subject being taught, planning and assessment for effective learning and improvement in professional knowledge and practice.

013011 Professional Experience 1 (English/History)

6cp; availability: not offered to exchange and study abroad students Requisite(s): 013041c English Teaching Methods 1 OR 013045c History Teaching Methods 1

Postgraduate

This subject introduces the wide-ranging experiences of a school teacher in the secondary school by placement in a school (the subject requires 23 days in a school setting). Opportunities vary depending on schedules and timetables but experiences include situation analysis, orientation, staff meetings, meetings with parents, sport activities and carnivals, supervision duties (e.g. playground duty), assessment, reporting, professional development sessions, and excursions.

Teaching begins with co-teaching, working with small groups and providing support to cooperating teachers and leading up to teaching parts of lessons and whole lessons. It includes close supervision from the cooperating teacher. In the subject, students demonstrate effective communication, knowledge of the subject being taught, planning and assessment for effective learning and improvement in professional knowledge and practice.

013012 Professional Experience 1 (English)

6cp; availability: not offered to exchange and study abroad students Requisite(s): 013041c English Teaching Methods 1 Undergraduate

This subject introduces the wide-ranging experiences of a school teacher in the secondary school by placement in a school (the subject requires 23 days in a school setting). Opportunities vary depending on schedules and timetables but experiences include situation analysis, orientation, staff meetings, meetings with parents, sport activities and carnivals, supervision duties (e.g. playground duty), assessment, reporting, professional development sessions, and excursions.

Teaching begins with co-teaching, working with small groups and providing support to cooperating teachers and leading up to teaching parts of lessons and whole lessons. It includes close supervision from the cooperating teacher. In the subject, students demonstrate effective communication, knowledge of the subject being taught, planning and assessment for effective learning and improvement in professional knowledge and practice.

013013 Professional Experience 1 (Geography/Commerce, Business and Economics)

6ср

Requisite(s): 013044c Geography Teaching Methods 1 OR 013039c Commerce, Business Studies and Economics Teaching Methods 1 Postgraduate

This subject introduces the wide-ranging experiences of a school teacher in the secondary school by placement in a school. Opportunities vary depending on schedules and timetables but experiences include situation analysis, orientation, staff meetings, meetings with parents, sport activities and carnivals, supervision duties (e.g. playground duty), assessment, reporting, professional development sessions, and excursions. Teaching begins with co-teaching, working with small groups and providing support to cooperating teachers and leading up to teaching parts of lessons and whole lessons. It includes close supervision from the cooperating teacher. In this subject the student

demonstrates effective communication, knowledge of the subject being taught, planning and assessment for effective learning and improvement in professional knowledge and practice.

013014 Professional Experience 1 (History/Geography)

6cr

Requisite(s): 013045c History Teaching Methods 1 OR 013044c Geography Teaching Methods 1 Postgraduate

This subject introduces the wide-ranging experiences of a school teacher in the secondary school by placement in a school. Opportunities vary depending on schedules and timetables but experiences include situation analysis, orientation, staff meetings, meetings with parents, sport activities and carnivals, supervision duties (e.g. playground duty), assessment, reporting, professional development sessions, and excursions. Teaching begins with co-teaching, working with small groups and providing support to cooperating teachers and leading up to teaching parts of lessons and whole lessons. It includes close supervision from the cooperating teacher. In this subject the student demonstrates effective communication, knowledge of the subject being taught, planning and assessment for effective learning and improvement in professional knowledge and practice.

013016 Professional Experience 1 (Languages)

6cp; availability: not offered to exchange and study abroad students Requisite(s): 013046c Language Teaching Methods 1

This subject introduces the wide-ranging experiences of a school teacher in the secondary school by placement in a school (the subject requires 23 days in a school setting). Opportunities vary depending on schedules and timetables but experiences include situation analysis, orientation, staff meetings, meetings with parents, sport activities and carnivals, supervision duties (e.g. playground duty), assessment, reporting, professional development sessions, and excursions.

Teaching begins with co-teaching, working with small groups and providing support to cooperating teachers and leading up to teaching parts of lessons and whole lessons. It includes close supervision from the cooperating teacher. In the subject, students demonstrates effective communication, knowledge of the subject being taught, planning and assessment for effective learning and improvement in professional knowledge and practice.

013017 Professional Experience 1 (Mathematics/ Computing Studies)

6ср

Requisite(s): 013047c Mathematics Teaching Methods 1 OR 013040c Computing Studies Teaching Methods 1 Undergraduate

This subject introduces the wide-ranging experiences of a school teacher in the secondary school by placement in a school. Opportunities vary depending on schedules and timetables but experiences include situation analysis, orientation, staff meetings, meetings with parents, sport activities and carnivals, supervision duties (e.g. playground duty), assessment, reporting, professional development sessions, and excursions. Teaching begins with co-teaching, working with small groups and providing support to cooperating teachers and leading up to teaching parts of lessons and whole lessons. It includes close supervision from the cooperating teacher. In this subject the student demonstrates effective communication, knowledge of the subject being taught, planning and assessment for effective learning and improvement in professional knowledge and practice.

013018 Professional Experience 1 (Mathematics/Science)

6cp; availability: not offered to exchange and study abroad students Requisite(s): 013047c Mathematics Teaching Methods 1 OR 013049c Science Teaching Methods 1

Undergraduate

This subject introduces the wide-ranging experiences of a school teacher in the secondary school by placement in a school (the subject requires 23 days in a school setting). Opportunities vary depending on schedules and timetables but experiences include situation analysis, orientation, staff meetings, meetings with parents, sport activities and carnivals, supervision duties (e.g. playground duty), assessment, reporting, professional development sessions, and excursions.

Teaching begins with co-teaching, working with small groups and providing support to cooperating teachers and leading up to teaching parts of lessons and whole lessons. It includes close supervision from the cooperating teacher. In the subject, students demonstrate effective

communication, knowledge of the subject being taught, planning and assessment for effective learning and improvement in professional knowledge and practice.

013019 Professional Experience 1 (Personal Development, Health and Physical Education)

6cp; availability: not offered to exchange and study abroad students Requisite(s): 013048c Personal Development, Health and Physical Education Teaching Methods 1

Undergraduate

This subject introduces the wide-ranging experiences of a school teacher in the secondary school by placement in a school (the subject requires 23 days in a school setting). Opportunities vary depending on schedules and timetables but experiences include situation analysis, orientation, staff meetings, meetings with parents, sport activities and carnivals, supervision duties (e.g. playground duty), assessment, reporting, professional development sessions, and excursions.

Teaching begins with co-teaching, working with small groups and providing support to cooperating teachers and leading up to teaching parts of lessons and whole lessons. It includes close supervision from the cooperating teacher. In the subject, students demonstrate effective communication, knowledge of the subject being taught, planning and assessment for effective learning and improvement in professional knowledge and practice.

013020 Professional Experience 1 (Science/Computing Studies)

6cp

Requisite(s): 013049c Science Teaching Methods 1 OR 013040c Computing Studies Teaching Methods 1

Undergraduate

This subject introduces the wide-ranging experiences of a school teacher in the secondary school by placement in a school. Opportunities vary depending on schedules and timetables but experiences include situation analysis, orientation, staff meetings, meetings with parents, sport activities and carnivals, supervision duties (e.g. playground duty), assessment, reporting, professional development sessions, and excursions. Teaching begins with co-teaching, working with small groups and providing support to cooperating teachers and leading up to teaching parts of lessons and whole lessons. It includes close supervision from the cooperating teacher. In this subject the student demonstrates effective communication, knowledge of the subject being taught, planning and assessment for effective learning, and improvement in professional knowledge and practice.

013021 Professional Experience 1 (Science)

6cp; availability: not offered to exchange and study abroad students Requisite(s): 013049c Science Teaching Methods 1 Undergraduate

This subject introduces the wide-ranging experiences of a school teacher in the secondary school by placement in a school (the subject requires 23 days in a school setting). Opportunities vary depending on schedules and timetables but experiences include situation analysis, orientation, staff meetings, meetings with parents, sport activities and carnivals, supervision duties (e.g. playground duty), assessment, reporting, professional development sessions, and excursions.

Teaching begins with co-teaching, working with small groups and providing support to cooperating teachers and leading up to teaching parts of lessons and whole lessons. It includes close supervision from the cooperating teacher. In the subject, students demonstrate effective communication, knowledge of the subject being taught, planning and assessment for effective learning and improvement in professional knowledge and practice.

013022 Professional Experience 1 (Visual Arts)

6cp; availability: not offered to exchange and study abroad students Requisite(s): 013050c Visual Arts Teaching Methods 1 Undergraduate

This subject introduces the wide-ranging experiences of a school teacher in the secondary school by placement in a school (the subject requires 23 days in a school setting). Opportunities vary depending on schedules and timetables but experiences include situation analysis, orientation, staff meetings, meetings with parents, sport activities and carnivals, supervision duties (e.g. playground duty), assessment, reporting, professional development sessions, and excursions.

Teaching begins with co-teaching, working with small groups and providing support to cooperating teachers and leading up to teaching parts of lessons and whole lessons. It includes close supervision from the cooperating teacher. In the subject, students demonstrate effective communication, knowledge of the subject being taught, planning and assessment for effective learning and improvement in professional knowledge and practice.

013023 Professional Experience 1 (Mathematics)

6cp; availability: not offered to exchange and study abroad students Requisite(s): 013047c Mathematics Teaching Methods 1 Undergraduate

This subject introduces the wide-ranging experiences of a school teacher in the secondary school by placement in a school (the subject requires 23 days in a school setting). Opportunities vary depending on schedules and timetables but experiences include situation analysis, orientation, staff meetings, meetings with parents, sport activities and carnivals, supervision duties (e.g. playground duty), assessment, reporting, professional development sessions, and excursions.

Teaching begins with co-teaching, working with small groups and providing support to cooperating teachers and leading up to teaching parts of lessons and whole lessons. It includes close supervision from the cooperating teacher. In the subject, students demonstrate effective communication, knowledge of the subject being taught, planning and assessment for effective learning and improvement in professional knowledge and practice.

013024 Professional Experience 2 (Commerce, Business and Economics)

6cp; availability: not offered to exchange and study abroad students Requisite(s): 013009 Professional Experience 1 (Commerce, Business and Economics) Undergraduate

In this subject, students gain professional experience in secondary schools (the subject requires 23 days in a school setting). It provides an opportunity to engage fully in a school experience as teacher, supported by mentoring with cooperating teachers and colleagues. Students observe lessons, team teaches, assist with classes and teach small groups of pupils and classes. Students analyse and modify their experiences in order to improve their practice. They demonstrate knowledge of their subject/content and strategies for effective teaching, including effective planning, assessment and reporting, and demonstrating a range of strategies to create and maintain safe and challenging learning environments through the use of classroom management skills.

013026 Professional Experience 2 (English/History)

6cp; availability: not offered to exchange and study abroad students Requisite(s): 013011 Professional Experience 1 (English/History) Undergraduate

In this subject, students gain professional experience in secondary schools (the subject requires 23 days in a school setting). It provides an opportunity to engage fully in a school experience as teacher, supported by mentoring with cooperating teachers and colleagues. Students observe lessons, team teaches, assist with classes and teach small groups of pupils and classes. Students analyse and modify their experiences in order to improve their practice. They demonstrate knowledge of their subject/content and strategies for effective teaching, including effective planning, assessment and reporting, and demonstrating a range of strategies to create and maintain safe and challenging learning environments through the use of classroom management skills.

013027 Professional Experience 2 (English)

6cp; availability: not offered to exchange and study abroad students Requisite(s): 013012 Professional Experience 1 (English) Undergraduate

In this subject, students gain professional experience in secondary schools (the subject requires 23 days in a school setting). It provides an opportunity to engage fully in a school experience as teacher, supported by mentoring with cooperating teachers and colleagues. Students observe lessons, team teaches, assist with classes and teach small groups of pupils and classes. Students analyse and modify their experiences in order to improve their practice. They demonstrate knowledge of their subject/content and strategies for effective teaching, including effective planning, assessment and reporting, and demonstrating a range of strategies to create and maintain safe and challenging learning environments through the use of classroom management skills.

013028 Professional Experience 2 (Geography/Commerce, Business and Economics)

6cp

Requisite(s): 013013 Professional Experience 1 (Geography/Commerce, Business and Economics)

Undergraduate

In this subject the student gains professional experience in secondary schools. It provides an opportunity to engage fully in a school experience as teacher, supported by mentoring with cooperating teachers and colleagues. The student observes lessons, team teaches, assists with classes, and teaches small groups of pupils and classes. In this subject the student analyses and modifies their experiences in order to improve their practice. They demonstrate knowledge of their subject/content and strategies for effective teaching. This includes effective planning, assessment, and reporting and demonstrating a range of strategies to create and maintain safe and challenging learning environments through the use of classroom management skills.

013029 Professional Experience 2 (History/Geography)

6cp

Requisite(s): 013014 Professional Experience 1 (History/Geography) Undergraduate

In this subject the student gains professional experience in secondary schools. It provides an opportunity to engage fully in a school experience as teacher, supported by mentoring with cooperating teachers and colleagues. The student observes lessons, team teaches, assists with classes, and teaches small groups of pupils and classes. In this subject the student analyses and modifies their experiences in order to improve their practice. They demonstrate knowledge of their subject/content and strategies for effective teaching. This includes effective planning, assessment, and reporting and demonstrating a range of strategies to create and maintain safe and challenging learning environments through the use of classroom management skills.

013031 Professional Experience 2 (Languages)

6cp; availability: not offered to exchange and study abroad students Requisite(s): 013016 Professional Experience 1 (Languages)

In this subject students gain professional experience in secondary schools. It provides an opportunity to fully engage in a school experience as a teacher, supported by mentoring with cooperating teachers and colleagues. Students observe lessons, team teaches, assist with classes, and teach small groups of pupils and classes. Students analyse and modify their experience in order to improve their practice. They demonstrate knowledge of their subject/content and strategies for effective teaching. This includes effective planning, assessment, and reporting and demonstrating a range of strategies to create and maintain safe and challenging learning environments through the use of classroom management skills.

013032 Professional Experience 2 (Mathematics/Computing Studies)

6ср

Requisite(s): 013017 Professional Experience 1 (Mathematics/Computing Studies)

Undergraduate

In this subject the student gains professional experience in secondary schools. It provides an opportunity to engage fully in a school experience as teacher, supported by mentoring with cooperating teachers and colleagues. The student observes lessons, team teaches, assists with classes, and teaches small groups of pupils and classes. In this subject the student analyses and modifies their experiences in order to improve their practice. They demonstrate knowledge of their subject/content and strategies for effective teaching. This includes effective planning, assessment, and reporting and demonstrating a range of strategies to create and maintain safe and challenging learning environments through the use of classroom management skills.

013033 Professional Experience 2 (Mathematics/Science)

6cp; availability: not offered to exchange and study abroad students Requisite(s): 013018 Professional Experience 1 (Mathematics/ Science)

Undergraduate

In this subject, students gain professional experience in secondary schools (the subject requires 23 days in a school setting). It provides an opportunity to engage fully in a school experience as teacher, supported by mentoring with cooperating teachers and colleagues. Students observe lessons, team teaches, assist with classes and teach

small groups of pupils and classes. Students analyse and modify their experiences in order to improve their practice. They demonstrate knowledge of their subject/content and strategies for effective teaching, including effective planning, assessment and reporting, and demonstrating a range of strategies to create and maintain safe and challenging learning environments through the use of classroom management skills.

013034 Professional Experience 2 (Mathematics)

6cp; availability: not offered to exchange and study abroad students Requisite(s): 013023 Professional Experience 1 (Mathematics) Undergraduate

In this subject, students gain professional experience in secondary schools (the subject requires 23 days in a school setting). It provides an opportunity to engage fully in a school experience as teacher, supported by mentoring with cooperating teachers and colleagues. Students observe lessons, team teaches, assist with classes and teach small groups of pupils and classes. Students analyse and modify their experiences in order to improve their practice. They demonstrate knowledge of their subject/content and strategies for effective teaching, including effective planning, assessment and reporting, and demonstrating a range of strategies to create and maintain safe and challenging learning environments through the use of classroom management skills.

013035 Professional Experience 2 (Personal Development Health and Physical Education)

6cp; availability: not offered to exchange and study abroad students Requisite(s): 013019 Professional Experience 1 (Personal Development, Health and Physical Education) Undergraduate

In this subject, students gain professional experience in secondary schools (the subject requires 23 days in a school setting). It provides an opportunity to engage fully in a school experience as teacher, supported by mentoring with cooperating teachers and colleagues. Students observe lessons, team teaches, assist with classes and teach small groups of pupils and classes. Students analyse and modify their experiences in order to improve their practice. They demonstrate knowledge of their subject/content and strategies for effective teaching, including effective planning, assessment and reporting, and demonstrating a range of strategies to create and maintain safe and challenging learning environments through the use of classroom management skills.

013036 Professional Experience 2 (Science/Computing Studies)

6cp

Requisite(s): 013020 Professional Experience 1 (Science/Computing Studies)

Undergraduate

In this subject the student gains professional experience in secondary schools. It provides an opportunity to engage fully in a school experience as teacher, supported by mentoring with cooperating teachers and colleagues. The student observes lessons, team teaches, assists with classes, and teaches small groups of pupils and classes. In this subject the student analyses and modifies their experiences in order to improve their practice. They demonstrate knowledge of their subject/content and strategies for effective teaching. This includes effective planning, assessment, and reporting and demonstrating a range of strategies to create and maintain safe and challenging learning environments through the use of classroom management skills.

013037 Professional Experience 2 (Science)

6cp; availability: not offered to exchange and study abroad students Requisite(s): 013021 Professional Experience 1 (Science) Undergraduate

In this subject, students gain professional experience in secondary schools (the subject requires 23 days in a school setting). It provides an opportunity to engage fully in a school experience as teacher, supported by mentoring with cooperating teachers and colleagues. Students observe lessons, team teaches, assist with classes and teach small groups of pupils and classes. Students analyse and modify their experiences in order to improve their practice. They demonstrate knowledge of their subject/content and strategies for effective teaching, including effective planning, assessment and reporting, and demonstrating a range of strategies to create and maintain safe and challenging learning environments through the use of classroom management skills.

013038 Professional Experience 2 (Visual Arts)

6cp; availability: not offered to exchange and study abroad students Requisite(s): 013022 Professional Experience 1 (Visual Arts) Undergraduate

In this subject, students gain professional experience in secondary schools (the subject requires 23 days in a school setting). It provides an opportunity to engage fully in a school experience as teacher, supported by mentoring with cooperating teachers and colleagues. Students observe lessons, team teaches, assist with classes and teach small groups of pupils and classes. Students analyse and modify their experiences in order to improve their practice. They demonstrate knowledge of their subject/content and strategies for effective teaching, including effective planning, assessment and reporting, and demonstrating a range of strategies to create and maintain safe and challenging learning environments through the use of classroom management skills.

013039 Commerce, Business Studies and Economics Teaching Methods 1

6cp; availability: not offered to exchange and study abroad students Postgraduate

This subject considers the foundationskills, knowledge, understanding, values and attitudes required of an effective beginning teacher of commerce, business studies and economics in secondary school. (This subject is closely associated with practicum.) An emphasis is placed on professional aptitude and commitment, and current and innovative developments in teaching and learning, particularly with regard to the NSW Board of Studies syllabus' documents presently in use, as well as reflection on teaching practice. It explores teaching strategies and approaches as well as the content, rationale and structure for the study of commerce in stages 4, 5 (years 7, 8, 9 and 10) and business studies and economics in stage 6 (years 11 and 12).

013040 Computing Studies Teaching Methods 1

6cm

Undergraduate

This subject combines theory with practice to explore the skills and understandings required to teach information and software technology/computing studies in secondary school. (This subject is closely associated with practicum.) It examines teaching approaches and strategies for working with adolescents in information and software technology, with a focus on developing knowledge and understanding—and promoting problem solving and critical thinking—in design and development. The topics include the effects of past, current and emerging information and software technologies on the individual and society; responsibilities and ethics in the use of information and software technology; effective communication skills and collaborative work practices; and selecting, and employing a range of appropriate assessment strategies.

013041 English Teaching Methods 1

6cp; availability: not offered to exchange and study abroad students Undergraduate

This subject explores how English teaching and curriculum can be organised and managed for effective learning. It combines theory with practice in considering the skills and understanding required for beginning English teaching in a secondary school. The subject includes the study of secondary syllabuses, lesson planning and assessment, and is closely associated with 015250 Professional Experience 1. Topics also include programming; the needs of diverse learners; use of computers in English education in years 7-12; and designing, organising and evaluating methods and materials for English teaching.

013042 Commerce, Business Studies and Economics Teaching Methods 3

6cp; availability: not offered to exchange and study abroad students Undergraduate

This subject considers learning and teaching approaches and strategies to promote the study of business studies and economics in stage 6. It examines understanding and skills required to develop the craft of teaching business studies and economics. Professional skill is blended with suitable academic insights as the subject examines a range of approaches and strategies to use in the classroom which reflect research findings in education. Students develop a philosophy of teaching business studies and economics taking account of current syllabuses and policies, and demonstrate understanding of the professional insights and demands of the practising business studies and economics teacher.

013044 Geography Teaching Methods 1

6cp

Undergraduate

This subject develops students' understanding and practice of learning and teaching approaches and strategies to promote the study of geography in stages 4, 5 and 6 (years 7 and 8, 9 and 10, and 11 and 12, respectively). Students are taught the skills, knowledge, understanding, values and attitudes required of an effective beginning teacher of geography in secondary school. This subject is closely associated with Professional Experience (Practicum). An emphasis is placed on professional aptitude and commitment, and current developments in teaching and learning, particularly with regard to the NSW Board of Studies Syllabus' documents presently in use, as well as reflection on teaching practice.

013045 History Teaching Methods 1

6cp; availability: not offered to exchange and study abroad students

This subject develops students' understanding of the nature of history and history teaching. It explores a variety of teaching approaches and strategies suitable for the stage 4, 5 history secondary curriculum as detailed in syllabus documents. The subject aims to provide students with the skills, knowledge, understanding, values and attitudes required of an effective beginning teacher of history in the secondary school. This subject is closely associated with practicum experience. An emphasis is placed on innovative teaching methods, professional commitment, current developments in teaching and learning, and reflection on teaching practice.

013046 Language Teaching Methods 1

6ср

This subject is designed to explore how languages teaching and curriculum can be organised and managed for effective learning. The subject combines theory with practice to provide a student with the skills and understanding required to begin to teach languages in a secondary school. The subject includes study of secondary syllabuses, lesson planning and assessment. The use of technology in the teaching and learning of languages is integrated into each aspect of the subject. The subject is closely associated with Professional Experience 1.

013047 Mathematics Teaching Methods 1

6ср

Undergraduate

This subject explores how mathematics teaching and curriculum can be organised and managed for effective learning. Closely associated with Professional Experience, the subject combines theory with practice to provide students with the skills and understanding required for beginning mathematics teaching in a secondary school. It examines child development and how mathematics is learned, as well as recognising behavioural and diagnostic indicators of pupil comprehension. The subject includes study of secondary syllabuses; lesson planning and assessment; explaining mathematical ideas accurately and with clarity; and using suitable language examples, models, etc.

013048 Personal Development, Health and Physical Education Teaching Methods 1

6ср

Undergraduate

This subject aims to contribute to the preparation of PDHPE teachers who are reflective of their practice, able to cope with the changing nature of PDHPE teaching, have a commitment to interpersonal skills, are able to put current developments in learning and teaching into practice, and have a commitment to lifelong learning.

013049 Science Teaching Methods 1

6ср

Undergraduate

This subject explores how science teaching and curriculum can be organised and managed for effective learning. The subject combines theory with practice to provide students with the skills and understanding required to begin to teach science in a secondary school and is closely associated with 015250 Professional Experience 1. The subject includes study of secondary syllabuses, lesson planning, assessment, interactive approaches to learning and teaching science, and different forms and functions of practical work and its role in learning and teaching.

013050 Visual Arts Teaching Methods 1

6ср

Postgraduate

This subject combines theory with practice in considering the skills and understanding required for beginning visual arts teaching in a secondary school. It examines the notion of practice-based learning through exposure to artists, critical and historical practice, and models of enacted creative practice. This subject explores the importance of 'creating' and 'making' as central to the study of the arts and how visual arts education can be organised and managed. (This subject is closely associated with practicum and associated teaching/learning activities.)

013051 Commerce, Business Studies and Economics Teaching Methods 2

6cp

Requisite(s): 013039 Commerce, Business Studies and Economics Teaching Methods 1

Undergraduate

This subject explores the skills and understandings required to be an effective commerce, business studies and economics teacher. It considers strategies to develop expertise in planning, implementing, managing, and evaluating suitable learning experiences for teaching commerce, business studies and economics. This subject is closely associated with Professional Experience 2. It focuses on professional commitment, current developments in teaching and learning, and reflection on teaching practice.

013052 Computing Studies Teaching Methods 2

6ср

Requisite(s): 013040 Computing Studies Teaching Methods 1 Undergraduate

This subject focuses on preparing proficient beginning teachers in TAS computing subjects and setting a foundation for continuing professional development. Students create programs of work and design educational experiences in computing studies for secondary school students, and consider how to design, organise and evaluate methods and materials for teaching. A range of programs and projects that facilitate student learning are explored. (Students demonstrate ability in applying their educational studies to the teaching of selected computing subjects.)

013053 English Teaching Methods 2

6ср

Requisite(s): 013041 English Teaching Methods 1 Undergraduate

This subject explores the skills and understandings required for effective English teaching, and develops teaching approaches and strategies to promote learning. (This subject is closely associated with Professional Experience 2.) It focuses on professional commitment, current developments in teaching and learning, and reflection on teaching practice. Students demonstrate a developing ability to critique and apply selected key ideas in the NSW stage 4 and 5 English (junior secondary) and stage 6 English (senior) curricula.

013054 Commerce, Business Studies and Economics Teaching Methods 4

6ср

Requisite(s): 013039 Commerce, Business Studies and Economics Teaching Methods 1

Undergraduate

The focus of this subject is on preparing proficient beginning teachers in commerce, business studies and economics, and setting a foundation for continuing professional development. The skills needed to design, organise, and evaluate methods and materials for commerce, business studies and economics teaching are explored. The use of a theoretical framework, grounded in education research, is considered as a basis for future teaching.

013055 Organisational Workplace Learning

6ср

This subject introduces students to the fields of organisational and workplace learning, and human resource development. Students critically explore the theoretical approaches to organisational and workplace learning. They have opportunities to examine a range of strategies developed by organisations to meet organisational and individual learning needs and the challenges posed by technological,

social, economic changes to work and organisations. The subject also focuses on the roles of educators/learning and development practitioners in facilitating this learning.

013056 Geography Teaching Methods 2

6ср

Requisite(s): 013044 Geography Teaching Methods 1 Undergraduate

This subject develops students' understanding and practice of learning and teaching geography in stages 4, 5 and 6 (years 7 and 8, 9 and 10, and 11 and 12 respectively). The subject aims to provide students with the skills, knowledge, understanding, values and attitudes required of an effective beginning teacher of geography in secondary school. This subject is closely associated with Professional Experience (Practicum). An emphasis is placed on professional aptitude and commitment, and current developments in teaching and learning, particularly with regard to the NSW Board of Studies Syllabus' documents presently in use, as well as reflection on teaching practice.

013057 History Teaching Methods 2

6cp

Requisite(s): 013045 History Teaching Methods 1 Undergraduate

This subject considers the nature of history and history teaching, and the skills, knowledge, understanding, values and attitudes required of an effective beginning teacher of history in secondary school. Students examine a variety of teaching approaches and strategies suitable for stage 4, 5 and 6 history secondary curriculum as detailed in syllabus documents. (This subject is closely associated with practicum.) They also examine innovative teaching methods, professional commitment, current developments in teaching and learning, and reflection on teaching practice.

013058 Language Teaching Methods 2

6cp

Requisite(s): 013046 Language Teaching Methods 1

This subject is designed to provide participants with the foundation of effective teaching of languages within the perspective of the K-12 continuum, assist them to develop a flexible and informed approach whereby strategies can be selected appropriate to the learner's linguistic and communicative needs in the process of learning, and maintain and develop participants' own language skills. The focus is on the teaching of the four macro skills of listening, speaking, reading and writing. The aquisition of these skills involves the ability to use various learning and communication strategies, the ability to convey meaning clearly and coherently and the ability to understand both oral and written messages in the target language. All these factors are considered along with the means by which these skills may be best aquired.

013059 Mathematics Teaching Methods 2

6cp

Requisite(s): 013047 Mathematics Teaching Methods 1 Undergraduate

This subject explores the skills and understandings required to be an effective mathematics teacher. It considers strategies to develop expertise in planning, implementing, managing and evaluating suitable learning experiences for teaching mathematics. (This subject is closely associated with 023151 Professional Experience 2.) It focuses on professional commitment, current developments in teaching and learning, and reflection on teaching practice. Topics include impediments to teaching mathematical thinking and how to overcome them, the primacy of problem solving in the teaching and learning of mathematics, and teaching for mixed achieving classes.

013060 Personal Development, Health and Physical Education Teaching Methods 2

6cr

Requisite(s): 013048 Personal Development, Health and Physical Education Teaching Methods 1

Undergraduate

This subject examines the NSW Board of Studies years 11-12 PDHPE syllabus and examines pedagogies including productive pedagogy. The emphasis is on professional practice, that is, the essential knowledge and skills necessary to enter the profession. The focus is on the syllabus and pedagogies, as distinct from the content of the teaching programs.

013061 Science Teaching Methods 2

6cr

Requisite(s): 013049 Science Teaching Methods 1

Undergraduate

This subject considers the skills and understandings required to be an effective secondary science teacher and to create an engaging program for learning in science. This subject is closely associated with Professional Experience 2. An emphasis is placed on professional commitment, current developments in teaching and learning, and reflection on teaching practice. Topics include safety, teaching to mixed achievement classes, organising and evaluating methods and materials for learning, theoretical teaching frameworks, enacting selected policies and perspectives, including ATSI perspectives.

013062 Visual Arts Teaching Methods 2

6cr

Requisite(s): 013050 Visual Arts Teaching Methods 1

Undergraduate

This subject allows students to study curriculum development in Australia, models for teaching and visual arts, within a range of educational contexts, such as schools and community galleries. Students are expected to research current national and international issues in visual arts education to formulate significant programs and models for teaching visual arts. Students focus on syllabus content and critically analyse this in relation to international and national trends, and in response to personally derived models of visual arts education practices.

013063 English Teaching Methods 3

6cp

Undergraduate

This subject is designed to develop knowledge and understanding of teaching and learning approaches to the study of English in stages 4, 5 and 6 (years 7 and 8, 9 and 10, and 11 and 12, respectively – there is a particular focus on stage 6). The subject focuses on the development of proficient, professional and reflective teachers who can apply their educational studies to design, organise and evaluate methods and materials for English teaching, and who commit to awareness of current educational theory and practice.

013064 Language Teaching Methods 3

6ср

This subject aims to develop the craft of teaching languages in the secondary school while blending professional skills with suitable academic insights. The students develop a range of approaches and strategies to use in the classroom, which reflect research findings in education. They develop a philosophy of teaching languages taking account of current syllabuses and policies, and demonstrate understanding of the professional insights and demands of the practising language teacher.

013065 Mathematics Teaching Methods 3

6cp

Undergraduate

This subject aims to develop the craft of teaching mathematics while blending professional skill with suitable academic insights. Students develop a range of approaches and strategies to use in the classroom that reflect research findings in education. They develop a philosophy of teaching mathematics taking account of current syllabuses and policies, and demonstrate understanding of the professional insights and demands of the practising mathematics teacher.

013066 Personal Development, Health and Physical Education Teaching Methods 3

6ср

Undergraduate

This subject examines the NSW Board of Studies years 7 to 10 PDHPE syllabuses as they relate to teaching and learning issues, with particular emphasis on learning to teach from the new syllabus and teaching programs. It combines a practical and theoretical focus to develop skills and understanding of the structure and content of the syllabuses, and provide students with opportunities to explore a wide range of programming, planning, teaching and learning strategies, and computer-based technologies. It also lays the foundation for teacher thinking and theorising.

013067 Science Teaching Methods 3

6ср

Undergraduate

This subject aims to develop the craft of teaching science while blending professional skill with suitable academic insights. Students develop a range of approaches and strategies to use in the classroom that reflect research findings in education. They develop a philosophy of teaching science, taking account of current syllabuses and policies, and demonstrate understanding of the professional insights and demands of the practising science teacher.

013068 Visual Arts Teaching Methods 3

6ср

Undergraduate

This subject explores the skills and understandings required for effective visual arts teaching, and develops teaching approaches and strategies to promote learning. This subject is closely associated with practicum and focuses on professional commitment, current developments in teaching and learning, and reflection on teaching practice. Topics include Indigenous Australian heritage protection issues and their implications for teaching, sociocultural contexts for art education, health and safety requirements, approaches to evaluation and assessment, inclusive practice(s) in visual arts curriculum development, and conceptual frameworks in practice.

013069 English Teaching Methods 4

6c)

Requisite(s): 013041 English Teaching Methods 1 Undergraduate

This subject focuses on preparing proficient beginning teachers in English and setting a foundation for continuing professional development. It explores skills needed to design, organise, and evaluate methods and materials for English teaching. The use of a theoretical framework, grounded in education research, is considered as a basis for future teaching. In this subject students demonstrate a developing depth of knowledge within a selected area of English education relevant to selected NSW stage 4, 5 and 6 English syllabuses and the Australian Curriculum: English. Topics in this subject include methods and types of assessment, teaching writing, drama, Shakespeare and poetry, and strategies to assist student learning in English with an emphasis on student-centred learning.

013070 Language Teaching Methods 4

6cn

Requisite(s): 013046 Language Teaching Methods 1

This subject aims to prepare proficient beginning teachers in languages. It is intended as a foundation for continuing professional development. On completion of this subject, students are able to apply their educational studies to the teaching of languages; to design, organise and evaluate methods and materials for languages teaching; and to use their theoretical framework as a basis for their future teaching.

013071 Mathematics Teaching Methods 4

6cp

Requisite(s): 013047 Mathematics Teaching Methods 1 Undergraduate

The focus of this subject is preparing proficient beginning teachers in mathematics and setting a foundation for continuing professional development. It explores skills needed to design, organise, and evaluate methods and materials for mathematics teaching, and examines stage 6 extension 1 and extension 2 mathematics syllabuses. The use of a theoretical framework, grounded in education research, is considered as a basis for future teaching. In this subject students demonstrate a developing depth of knowledge within a selected areas of mathematics education relevant to selected NSW stage 4, 5 and 6 mathematics syllabuses.

013072 Personal Development, Health and Physical Education Teaching Methods 4

6ср

Requisite(s): 013048 Personal Development, Health and Physical Education Teaching Methods 1

Undergraduate

This subject combines a practical and theoretical focus on movement skills and socio-cultural concepts and policies. It concentrates on gymnastics, games and different learner groups, while providing students with an understanding of the K-10 PDHPE syllabuses. It develops students' professional understanding and skills and encourages them to develop as reflective practitioners.

013073 Science Teaching Methods 4

6ср

Requisite(s): 013049 Science Teaching Methods 1 Undergraduate

This subject focuses on preparing proficient beginning teachers in science and setting a foundation for continuing professional development. On completion of this subject students are able to apply their educational studies to the teaching of science; to design organise and evaluate methods and materials for science teaching; and to use their theoretical framework as a basis for their future teaching. Students also demonstrate the development of a depth of knowledge within selected areas of science education relevant to selected NSW Stage 4, 5 and 6 science syllabuses.

013074 Visual Arts Teaching Methods 4

6ср

Requisite(s): 013050 Visual Arts Teaching Methods 1 Undergraduate

This subject studies models for teaching the visual arts within a range of educational contexts, including secondary schools and community galleries. It examines research of current national and international issues in arts education and the use of that information to formulate significant models for teaching the visual arts. Students demonstrate the use of the latest technologies to access peak bodies in visual arts learning and teaching. This subject considers syllabus methodologies and critically analyse these in relation to international and national trends and in response to personally derived models of art education practices.

013075 Music Therapy 1

6ср

Postgraduate

This subject provides an introduction to the diversity within the field of music therapy, its context, history, methods, research base and underlying premises (including physiological, psychological, social and spiritual roles of music). Music skills are consolidated and extended: focusing on improvisation, aural skills, vocal care, and composition/repertoire for children. Students undertake clinical practice supervised by registered music therapists and address the issues of professional ethics and self care.

013076 Music Therapy 2

6ср

Postgraduate

This subject examines in more depth a selection of theoretical models, key expressive and receptive techniques, and research methods used in music therapy. Music skills are developed, focusing on improvisation to movement, voice work, accompaniment, and repertoire for adolescents. Clinical practice is continued in the field, developing students' skills in the documentation of music therapy sessions.

013077 Music Therapy 3

6ср

Postgraduate

This subject addresses the need for direction and purpose in casework by studying the procedures of assessment, program design, evaluation and closure. The importance of choosing appropriate research design and analysis methods is highlighted. Music skill development focuses on individual and group improvisation, sight singing, the range of musical styles and repertoire suitable for adults. Clinical practice continues in a range of settings.

013078 Music Therapy 4

6ср

Postgraduate

This subject is designed to support graduating students to enter the profession of music therapy. Topics covered in the subject include supervision, support groups, private practice, professional ethics, communication, and working in multidisciplinary teams. Music skills are further developed in the areas of instrumental proficiency, improvisational freedom, transposition, playing from memory and repertoire for older adults. A project, which contributes to the field, is undertaken, and clinical practice is tailored toward students' intended areas of specialisation.

013080 Integrated Arts Therapy 2

6ср

Postgraduate

This subject focuses on the articulation between music therapy and other creative arts therapies through immersion in the foundations of intermodal expressive arts therapy, which include play, poiesis and imagination. The key differences between arts modalities are examined and students are supported to develop ways in which other arts can enrich their styles as music therapists. Public presentation skills are refined, and arts-based options in research are reviewed. Students also undertake and report the outcomes of self-care projects.

013081 Aboriginal Studies Project

6cp; availability: not offered to exchange and study abroad students Undergraduate

In this subject students complete a major research project on a subject relating to Aboriginal or Torres Strait Islander society. Under the supervision of a member of academic staff, either in groups or individually, students negotiate their project through a learning contract. They demonstrate the ability to identify a subject for research, access a range of appropriate sources of information, describe and analyse the issues, and present their findings in the production of a major piece of research.

013082 Aboriginal Social and Political History

6cp; availability: not offered to exchange and study abroad students Undergraduate

This subject examines and analyses the impact of colonialism on Indigenous Australian people, with particular reference to the Aboriginal inhabitants of this region. The emergence of Aboriginal social and political movements is presented as the basis for repossession of traditional heritages in land and culture. Topics include ethnocentric versions of history, consequences of the practices and policies particularly in relation to the Aborigines Protection Boards, Indigenous Australian social and political movements, and misconceptions about Aboriginal history; and their impact on public opinion to the detriment of Indigenous peoples.

013087 Discourse Analysis

6cp; availability: exchange and study abroad students with faculty approval

Postgraduate

This subject examines the theory and practice of discourse analysis and how discourse analysis can inform research and teaching. It introduces a number of approaches to discourse analysis, including conversational analysis, a systemic functional perspective on discourse, and critical discourse analysis, and illustrate ways in which discourse analysis can be applied to a wide range of research questions and contexts. Specific attention is given to discourse as spoken interaction (especially casual conversation) including both language and gesture, and discourse in written texts via various media, and including image in texts.

013088 Educational Management

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject introduces students to key approaches and understandings of management and organisations as they particularly relate to educational organisations and the learning/training functions of other organisations (e.g. private enterprise, community organisations, government organisations). Students explore ways of understanding organisations as a basis for developing their abilities in organisational

analysis, and to critically reflect on their own workplace and other organisations and industries. The subject focuses on a range of management issues, such as workplace and organisational learning, staff development, human resources management and leading and coaching. It provides students with opportunities to gain skills, knowledge and expertise in dealing with a specific operational or logistical issue in the company, the TAFE college, the private provider, the community-based organisation, and the work of the consultant.

013090 e-Learning Design

6cp

Requisite(s): 013091 e-Learning Experiences 1 OR 013092 e-Learning Experiences 2

Postgraduate

In this subject students explore the processes of design, development and operationalisation of e-learning systems, locating such study in actual cases. Students examine ways these new cultural forms might influence and be influenced by the existing structures and functions of organisations: relationships that are fundamental to knowledge management.

They analyse possible cultural barriers to the implementation of e-learning, including deep values, principles and prejudices (particularly in relation to equity and social justice for disempowered groups, locally and globally) and how such barriers might be circumvented. Students elicit those values and principles underpinning e-learning systems that are in tune with existing organisational and cultural structures and consider how such values and principles might be developed in organisations and cultures confronting potentially destabilising development. The subject culminates in a draft proposal for an e-learning design to address educational and/or training issues in the student's own discipline or field of professional practice. By exploring the potential of technology-mediated solutions, students further increase their level of technological fluency.

013091 e-Learning Experiences 1

6ср

Postgraduate

This subject is the first of a sequence of related subjects aimed at helping students develop their understanding of e-learning systems, both as an e-learner and as an e-learning theorist and designer. Without a good grasp of the experience of being a learner and without a clear understanding of the models and theories implicit in e-learning systems, it is difficult to design and operate these systems sensitively or imaginatively.

This subject immerses students, as learners in a learning community, in a small set of carefully chosen e-learning contexts so that their sensitivities to the potency of these media for learning are sharpened. As well, their understanding of problem-oriented approaches to learning (a key set of strategies within this suite of e-learning subjects and courses) is developed. Particular emphasis is placed on understanding the nature and educational significance of e-learning communities and networks. Students attain a basic level of technological fluency by using e-learning approaches to enhance their understanding of aspects of this increasingly important field; and they develop their critical appreciation of the worth of e-learning approaches, from the perspectives of individual learners and active members of a learning community. They use their experience of e-learning, together with their reading and discussion in this subject, to begin to distil educational models and theories for testing and use in their studies and professional practice.

013092 e-Learning Experiences 2

6ср

Postgraduate

This subject is designed to enhance and deepen students' understanding of e-learning, both as a practitioner and as a theorist. It aims to develop confidence about taking a leadership role in the design and use of e-learning systems, through combining experience of collaborative digital tools with an understanding of relevant models and theories.

With an understanding of a range of learning theories, students engage with e-learning systems and identify and critique their design and practical implementation. E-learning is considered in a variety of contexts and cultures. During the subject, students are expected to focus on a particular problem or challenge that is of interest to them and to use their understanding of educational theory and digital practice to offer innovative e-learning solutions.

013093 e-Learning Technologies

6ср

Requisite(s): 013091 e-Learning Experiences 1 OR 013092 e-Learning Experiences 2

Postgraduate

In this subject students engage with selected problem-oriented scenarios, chosen to fit with their needs and experiences, in which actual learning problems are presented, and which have led to the development of particular e-learning contexts. By considering steps, both actual and possible, towards the solution of these learning problems, students develop a basic understanding of a range of e-learning technologies, equipping them to take an informed part in interdisciplinary e-learning design teams. As a central part of their experience in this subject, students are introduced to and develop a basic familiarity with a selected range of technical solutions that are possible for a variety of educational problems. Students' technological fluency is further developed through their consideration of the technological principles implicit in e-learning systems.

013095 Global Englishes

6cp; availability: exchange and study abroad students with faculty approval

Postgraduate

This subject explores the implications of the global spread of English, a hotly debated current issue in TESOL (teaching English for speakers of other languages) and applied linguistics. It examines the general causes and effects of the global spread of English, including its current relationship with global media and the internet. This includes linguistic imperialism, linguistic genocide, and the maintenance of global inequality. English in context and the implications of English having become both a global and a local language in many parts of the world is presented. The contemporary roles, status, forms and implications of different varieties of new Englishes, including Indian, Singaporean and Australian Aboriginal English, as well as pidgins and creoles are considered.

013096 Grammar and the Construction of Meaning

6cp; availability: exchange and study abroad students with faculty approval

Postgraduate

This subject explores the functional organisation of grammar and how it creates meaning both through the classification of our physical, social and psychological worlds, as well as through the dynamics of negotiating and maintaining social and interpersonal relationships. This subject enables students to develop practical skills in the analysis of the grammar of real-life texts and to develop skills in evaluating the appropriateness and effectiveness of language use. Students develop an understanding of the nature and structure of grammar and text, and develop a terminology to talk about the competencies and needs of language learners in the effective teaching of language, literacy and numeracy.

013097 Human Resource Development in Organisations

6cp; availability: exchange and study abroad students with faculty approval $% \left(1\right) =\left(1\right) \left(1\right$

Undergraduate

This subject critically evaluates the major theories and debates that explain the behaviour of people in work settings and the nature of the organisational context where that behaviour occurs. It focuses on individual, group and organisational factors influencing the effectiveness of organisations. The subject analyses, in detail, underlying situational and environmental factors and issues affecting the behaviour of people at work and the impact of that behaviour upon HRD plans and activities. Themes include employee attitudes and behaviour in relation to motivation, organisational performance, motivation, groups and teamwork, decision-making, and the management and development of culture and meaning in organisations. Case studies and exercises are used to illustrate organisational and behavioural issues within the HRD context.

013098 Independent Study Project 1

6ср

Requisite(s): (24 credit points of completed study in C04232 Master of Education OR 24 credit points of completed study in C04231 Master of Arts OR 24 credit points of completed study in C04245 Master of Arts in Teaching English to Speakers of Other Languages) AND (013952 Research Perspectives OR 013122 Understanding Adult Education and Training)

Postgraduate

This subject enables students to extend their skills and knowledge in an area of education of interest to them. Students design and carry out, in consultation with a member of academic staff, an individual course of study such as a field-based project or an in-depth review of the literature of a particular subject. Enrolment in the subject is contingent upon the student finding a member of academic staff willing to supervise the project and the completion of a form available from student services. The form requires an outline of the work to be carried out and the deadlines for various stages of the project and must be signed by the student, academic supervisor and subject coordinator before enrolment.

013099 Individualised Project 1

6ср

Undergraduate

This subject focuses on the extension of skills and knowledge in an aspect of education of interest to the student. In ISP 1 and 2 students design and carry out, in consultation with a member of academic staff, an individual course of study such as a field-based project or an in-depth review of the literature of a particular subject. Enrolment in the subject is contingent upon the student finding a member of academic staff willing to supervise the project. An outline of the work with deadlines for various stages of the project must be signed by the student, academic supervisor and subject coordinator before enrolment.

013102 Introduction to Language

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject provides a broad and applied introduction to the study of language for students who are working towards an initial teacher qualification. It focuses on understanding how English works, which is essential for those embarking on careers as language or literacy teachers. It introduces students to both traditional and functional grammar, and explores the structure and organisation of language. Students investigate the relationship between meaning and grammar, and explore how language varies in a range of social contexts.

013103 Issues in Aboriginal Education

6cp; availability: not offered to exchange and study abroad students Undergraduate

This subject focuses on developing a critical understanding of a range of issues concerning Aboriginal education and examines the social contexts within which Australian education and Aboriginal and Torres Strait Islander education operate. Rather than attempting to move to resolution or conclusions about issues in Aboriginal education, it seeks to develop skills and knowledge for approaching the negotiation of issues in creative and strategic ways. It explores how to recognise multiple perspectives on specific issues and the use of metaphor as an approach to generating discourse.

013104 Language and Power

6cp; availability: exchange and study abroad students with faculty approval

Postgraduate

This subject is designed to help those with a language/literacy background to develop an understanding of the significance of a critical perspective on issues of language and power, and for those already with a strong view of the political nature of social life to develop an understanding of the significance of language and literacy. Central to the subject is an understanding of the interrelationships between power and language. No previous knowledge in the area is assumed, although the subject attempts to build on knowledge of different areas that participants bring to the subject. The focus of the subject is on broad political and theoretical issues relevant to the concepts of language, power, literacy, and pedagogy. A further aim is to introduce perspectives and techniques for developing critical literacy and discourse analysis skills, and for taking up the pedagogical challenge posed by issues of language and power.

013105 Language Development

6cp; availability: exchange and study abroad students with faculty approval

Postgraduate

This subject provides a framework for studying first and second language development, with particular emphasis on social and functional perspectives on language learning. In doing so, it draws out implications for classroom pedagogical practices. The subject offers a survey of the principal topics currently addressed in the study of second language acquisition, and of the major research methods and paradigms used in such studies.

013106 Mentoring in the Workplace

6cp; availability: exchange and study abroad students with faculty approval $% \left(1\right) =\left(1\right) \left(1\right$

Postgraduate

This subject aims to develop students' professional learning and mentoring skills. It provides students with opportunities to develop an understanding of the research literature relating to mentoring as well as exploring the issues involved in developing effective workplace mentoring practices. An important part of the subject is interaction with colleagues through UTSOnline. Access to a computer and the internet is required for this subject.

013107 Phonology and Pronunciation

6cp; availability: exchange and study abroad students with faculty approval

Postgraduate

This subject explores theoretical and practical perspectives on the teaching of pronunciation within a functional approach to language. Phonemic and prosodic aspects of language are considered, and the role of prosody in contributing to the construction of meaning is explored. Students develop strategies for the teaching of pronunciation to learners of a second language, and also consider phonological aspects of the first language.

013110 Programming and Assessment in Language Literacy and Numeracy

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject considers the knowledge and skills required to develop and implement language, literacy and numeracy programs in adult education. It locates language, literacy and numeracy assessment and program development practices within the broader context of approaches to curriculum development. Participants examine and evaluate assessment methods and procedures to use in developing coherent programs. This subject also explores strategies for monitoring and recording progress and outcomes, and developing student-centred programs.

013112 Research Design

6cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 013952 Research Perspectives

Postgraduate

This subject introduces the design of research across the full spectrum of education - school education, higher education, vocational education and training, and adult and vocational learning in all its forms. It builds on the work of 013348 Research Perspectives. These two subjects provide the main research coursework for UTS: Education master's students. Participants demonstrate their capacity for research and the ability to undertake an independent piece of scholarly research with critical awareness.

013115 Professional Practice and Changing Work

6cr

Undergraduate

In this subject, factors influencing change are identified and strategies for managing them are assessed. It examines models of the learning organisation and processes for change management, including creativity, innovation, ethical practice and strategies for facilitating workplace learning. Participants engage collaboratively with specialists from various fields of adult learning, and discussion topics are drawn from economic, social, political and technological forces impacting on society. The professional adult educator as change agent, consultant, network manager and leader is examined in detail.

013117 Theory and Practice of Literacy

6cp; availability: exchange and study abroad students with faculty approval

Postgraduate

This subject aims to provide students with advanced knowledge and skills in teaching literacy in a variety of contexts, and with theoretical frameworks for exploring, evaluating and critiquing a range of pedagogic practices and approaches to literacy teaching and learning. These theoretical frameworks provide reference points for exploring the nature of literate language, the role of literacy in learning, and pathways and processes in literacy development in schools and adult contexts. The subject aims to enable students to engage in an informed way in current debates and discussions around literacy in the public domain. In practical terms, students engage with the enactment of different pedagogies in teaching and learning materials and in teacher–learner interactions.

013118 Teaching and Learning Literacy

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject explores different understandings about the nature of literacy and its role(s) in our society. It provides a rationale for viewing literacy as a sociocultural practice and examines the implications of this approach for developing literacy programs for adults in a variety of contexts. This subject examines methodologies for teaching and learning literacy that draw on theories of literacy, adult learning and social theories of language.

013120 The Psychology of Adult Development

6cp; availability: exchange and study abroad students with faculty approval

Postgraduate

In this subject students examine how the 'development of adults' is understood within different schools of thought in psychology and within critiques of these schools of thought. The subject focuses on contemporary adult development practices across different educational and learning sites as mini case studies through which to study psychological assumptions about adult development. These mini case studies include examples such as emotional intelligence, personal development courses, diversity training, self-help books, and coaching; and examples from student experiences. Also discussed are how different theoretical schools of thought within psychology in relation to adult development have their own distinct views on how adults are imagined to develop; what the mechanisms of developing adults are, and how development is understood. The subject also explores how these schools of thought have been critiqued from within psychology; critical psychology; Indigenous and cultural psychology and feminist psychology; and within sociology and cultural studies. If and how these different schools of thought manifest themselves in practice is examined. The subject goes on to ask what the effects and politics of these are in relation to workplace learning, adult education and notions of personal and social change. It is aimed at students from any of the fields of practice represented in the Master's program. The subject provides students with an opportunity to develop their knowledge of different schools of psychology in relation to adult development, to understand how these schools underpin contemporary adult development practices and to reflect critically on their own development practices as a learner and as an adult educator.

013121 Theory and Practice of Teaching English to Speakers of other Languages

6cp; availability: exchange and study abroad students with faculty approval

Postgraduate

This subject explores the theories and practices of English language teaching in contemporary society and critically examines the theoretical assumptions that underpin various approaches to TESOL (teaching English for speakers of other languages). With a focus on the teaching and learning of spoken language, it examines approaches to syllabus and program design, including the discourse of the classroom. The content in this subject includes sociocultural approaches to second language learning and teaching, intercultural issues and identity, collaborative learning in the classroom, planning language programs, and assessing spoken language.

013122 Understanding Adult Education and Training

6cp; availability: exchange and study abroad students with faculty approval

Postgraduate

This subject surveys a range of theories and research in different aspects of adult education practice. It relates the theories and research to the core activities of teaching, group work, learning facilitation, program design and evaluation, policy formation and implementation. In this subject students demonstrate an understanding of their position in the field of adult education that takes into account personal values, organisational values, ethics and intellectual traditions. The subject also examines debates related to significant contemporary issues.

013123 Work and Learning

6ср

Postgraduate

The nature of work is at the core of many debates about contemporary and future society. A critical aspect of these debates is the role of adult education and learning. This subject is concerned with the changing relationship between work, the economy and adult learning and focuses on contemporary debates and literature.

The subject connects with others offered in the master's programs. There is an overlap with those subjects concerned with issues of skill, workplace and organisational learning, technology and communications. This subject however attempts to place these particular issues within a larger framework that considers changes in the economy and society and adult learning. Its primary concern is not with the specific application of workplace learning but rather in situating those particular applications within a wider political and economic context.

In the subject students look at why there is so much interest in the connection between work and learning; the various assumptions about education, economy and employment are examined; and the practical outcomes of new policy prescriptions are critically explored. Short stories of work and case studies of work and learning are examined.

The subject is designed for those interested in exploring the broader connections of work, economics, labour and management initiatives, policy development and workplace learning. It offers students the opportunity to further their study and reading in areas such as labour process, ethnography of work, economic policy; workplace change; international restructuring including globalisation and the movements of people and jobs across national borders; and examine how education and learning is connected to these areas.

The subject should enable students to understand and better locate policy proposals around workplace change, skill formation, work/life balance, employment and unemployment, power relations at work and economic development, and their connections to learning and in particular lifelong learning.

013124 Work and People

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject introduces the world of work and considers an overview of the global changes in modern employment. It examines the skills required to analyse the structure and organisation of work in mature industrial societies. The subject reviews the various shifts in the nature and composition of the labour force. Case studies are used to explore the nature of work and its impact on individuals and groups. The trends and developments in workplace contexts are examined through applied projects.

013125 Adult Education: History, Policy and Context

6ср

Postgraduate

This subject examines the history of adult education and the claims that adult educators have made about the special role and purpose they play. Among these are that the first adult educators were popular educators and that adult education's defining purpose is to support democracy and social change; others concentrate on preparing adult learners for work, to assist adults to achieve self-actualisation and see it as developing human and social capital; while others say adult education provides a second chance at education, especially in the

fields of literacy and numeracy, and in underdeveloped economies. How might we understand the claims made for adult education in the early 21st century against earlier claims? Is it still a force for social or radical change or has it been conscripted to deliver a flexible and adaptable workforce? Can we even say there is a role for adult education or indeed that the term continues to have a particular meaning? By exploring these issues and questions, this subject also looks at contemporary policy and thinking.

013127 Communication Management

6cp; availability: exchange and study abroad students with faculty approval

Postgraduate

This subject focuses on developing the ability to apply conceptual frameworks in adult communication management to professional practice. Particular attention is given to communication skills for effective management. Topics to be considered are people in systems and the shadow side of communication management, conflict and communication management, nonverbal communication, persuasion, listening, assertiveness, negotiation, writing, helping and feedback at work, and inter-cultural communication competence.

013128 Learning and Change in Organisations

6ср

Postgraduate

This subject enables teachers, trainers and managers to explain and critique a range of contemporary theoretical perspectives on organisational development in order to enhance educators' analysis of specific organisations, change management methods, communication strategies and initiatives for learning in organisational settings. The subject enhances educators' capability to manage the relentless demands for facilitating learning and managing change, which is now faced by all educational institutions and groups across Australia.

013129 Effective Cognitive Learning Strategies

6ср

Postgraduate

This subject introduces a range of cognitive learning strategies needed for effective lifelong learning. It examines the links between skill, will and self-regulation. This subject presents the knowledge and skills required to identify, use and teach appropriate cognitive learning strategies for effective adult learning. Topics to be considered include the importance of the Information Processing Model as a framework in cognitive learning strategy teaching, basic learning strategies involving repetition, elaboration and organisation, and the role of mnemonic devices in effective learning and mnemonic generation.

013130 Education for Social Change 1

6ср

This subject explores theories of social change and the educational dimension of various fields of practice that overtly seek to bring about social change. They include commercial advertising, social marketing, therapy programs, and popular education. The ideas of great thinkers who have theorised about social change including Thomas Hobbes, Michel Foucault, Karl Marx, Max Weber, Jurgen Habermas and Alfred Schutz are briefly considered. It examines how educators can help people identify choices – to agree, question, challenge or defy – and then learn how to make those choices effective.

013131 Education for Social Change 2

6ср

Postgraduate

This subject considers different education, organising and activist strategies being used by movements and organisations pursuing social justice and change agendas. The sites of social change struggles include the environment movement, democracy movements opposed to authoritarian regimes, feminism, disability advocacy, union movement, and local community action projects. This subject extends the work of Education and Social Change 1 by focusing on educational practices. It examines the difference between propaganda and education, and the individual and social change. Key concepts and practices developed by educators engaged in social change are explored, including naming the world, strategic questioning, storymaking, dialectical analysis, culture jamming, and organising.

013132 Technology Enhanced Language Learning

6cp; availability: exchange and study abroad students with faculty approval

Postgraduate

This subject provides students with the initial computing and multimedia competencies applicable to the teaching and learning of language. Students learn skills in the application and evaluation of a range of computer-based technology within the specific context of language learning. The emphasis is on learning through experience and students are expected to undertake projects relating to the classroom applications of the technologies to which they are introduced.

013135 Literary Theory and Education

6cp

The subject description is available from UTS: Education.

013136 Developing People and Teams

6ср

Postgraduate

This subject explores concepts of team development and contemporary perspectives for developing a team culture in organisations. It examines the nature and types of teams and techniques for improving the communication abilities of team leaders and team members. This subject considers strategies for building and maintaining best performing teams. Topics also include coaching and mentoring in teams, autonomy and empowerment, diversity and teams in global and virtual contexts.

013137 Educational Leadership

6ср

Postgraduate

This subject explores the nature and importance of educational and organisational leadership within a variety of adult learning/workplace contexts. It focuses on modern leadership theories and their application to the educational context. It considers current understandings of effective educational leadership that address educational and organisational challenges including change management. Topics to be explored include the implications of organisational culture for leadership, motives and characteristics of leaders, and issues such as style, cultural diversity, and collaboration.

013138 Teaching and Learning in Higher Education

6ср

Postgraduate

This subject focuses on what is meant by 'learning' in the context of higher and professional education. It includes an overview of research on approaches to learning and conceptions of learning and their relevance to students' prior experiences as learners and educators. It considers the principles of the theory of variation and learning how these principles assist in investigating variation in learners' understandings and designing learning experiences. This subject also explores learning for an unknown future, issues of transfer of learning, desired outcomes of learning for professional and higher education, and issues of learning and knowing in formal and professional workplace contexts. Online participation is a requirement of the subject.

013139 Assessing Learning

6cp; availability: exchange and study abroad students with faculty approval

Postgraduate

In this subject, students analyse assessment practices and policies in educational, learning, training and workplace contexts. The educational and learning issues in assessment and how these relate to the purposes of the assessment are explored. Drawing on sociological research, the subject evaluates assessment paradigms and methods of assessment and their use. Students systematically evaluate assessment practice across a range of educational, learning and training contexts. Students apply a range of current academic and practice thinking to their own practice as an educator with a view to enhancing assessment literacy and improving assessment practices. The content for the subject is structured around three core themes: assessment contexts, professional practices and assessment futures.

013140 Simulation and Games

6cp; availability: exchange and study abroad students with faculty approval

Postgraduate

This subject examines the scope of the simulations and games field, and introduces theoretical frameworks for their application to particular learning contexts. It uses a practice-based approach to design and usage problems. Relevant theories of human behaviour, social interaction and skill development are considered in relation to the way these inform the design, choices, and use of simulations and games for learning. Concepts examined include 'micro-worlds', online role-play, business management games, social planning games and mechanical simulators.

013141 Language Programming and Assessment

6cp; availability: exchange and study abroad students with faculty approval

Postgraduate

This subject explores the programming of learning sequences and pathways for English language and literacy, and issues in assessment in the context of language and literacy programs. It introduces knowledge and skills for designing, evaluating and critiquing programs of learning for English language and literacy. Theoretical explanations for progression in language and literacy learning, and processes of design are examined. It focuses on programming at the levels of curriculum, syllabus, and individual units of teaching and learning in a variety of contexts. The subject addresses both informal and formal processes and procedures in language assessment, including designing and critiquing language and literacy assessment instruments. Critical and ethical issues in assessment practices are discussed.

013142 Adult Learning and Program Development

6cp; availability: exchange and study abroad students with faculty approval

Postgraduate

This subject is designed to provide opportunities for participants to explore the skills and knowledge necessary to be competent designers and facilitators of adult learning. It examines some of the principles and processes relating to helping adults learn as well as a variety of ideas about program development in adult education. The subject is suitable both for those relatively new to adult education and experienced practitioners who have not previously studied adult education in an academic program at tertiary level.

013145 Culture, Difference and Curriculum

6ср

Postgraduate

Planning education and training for people with different needs is a central political challenge for those concerned in building a just and democratic society. It is a popular assumption that people of 'different' cultural backgrounds have different educational needs. This subject critically examines this notion that difference can usefully be defined by culture, and looks also at such factors as class, history, identity, gender and politics. The subject links debates about culture and difference directly to the practice of planning curricula that meets the needs of groups with marginal or minority status.

013146 Using Film for Critical Pedagogy

6cp; availability: exchange and study abroad students with faculty approval

Postgraduate

This subject is aimed at those who are interested in the potential for films to rouse an audience to ask questions and find answers to pressing social issues in the world. This subject is relevant to students if part of their paid or voluntary work requires them to plan strategies that question the status quo or bring about organisational and social change. Over the semester a variety of short films, excerpts from feature films, web-based film and advertisements are screened. Students view films that pose questions, show the world from different perspectives, and seek to facilitate change, be it social, organisational or personal. These are films with ambitious intentions. They seek to rouse, inspire, agitate, and educate on 'big' issues such as work, war, poverty, exploitation, environmental destruction and ill-health. In other words, films aimed at encouraging viewers to think and act. Are there films that are better at this than others? Drawing on theories of learning and change, the subject facilitates discussion and critique.

013147 Human Resources and Organisational Development

6cp; availability: exchange and study abroad students with faculty approval

Postgraduate

This subject critically evaluates the major theories and debates developed to explain the behaviour of people in work settings and the nature of the organisational context within which such behaviour occurs. It focuses on individual, group and organisational factors influencing the effectiveness of organisations. It provides a detailed analysis of the underlying situational and environmental factors and issues affecting the behaviour of people at work and its impact upon HRD plans and activities. Themes include employee attitudes and behaviour in relation to motivation, organisational performance, motivation, groups and teamwork, decision-making, and the management and development of culture and meaning in organisations. Case studies and exercises are used to illustrate organisational and behavioural issues within the HRD context.

013148 Initiatives in Aboriginal Education

6cp; availability: not offered to exchange and study abroad students Undergraduate

This subject critically explores Aboriginal initiatives in education through the production of a research project. It examines the different interpretations of policies and programs and their impact on Indigenous Australians. This subject considers the issues raised in conducting and writing research specifically in relation to Indigenous issues, peoples and communities. These include the power of representation and the responsibility of the researcher in this process.

013149 The Language Literacy and Numeracy Learner

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject focuses on the factors that influence individual adult learners of language, literacy and numeracy. These factors are studied in four areas: social, cultural, psychological and educational, and include motivation, goals, learning styles and cultural values. The experiences and practices of the individual learner in the field of language, literacy and numeracy are explored. This subject considers the literacy demands of university study and strategies for developing skills in reading and writing for academic purposes.

013151 Project Management

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject immerses participants in a number of scalable integrated problem-based learning processes. Students acquire and develop project management skills and related knowledge in a manner relevant to the subject content, through use of purpose-built simulations which model aspects of the cycle of work in standard projects. The subject addresses the nine competencies established in the national competencies framework for project managers and guides participants in the development of strategies for achieving competence at level 3 or 4 of the framework.

013152 Individual Difference and Vocational Education Teaching

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject explores the range of individual differences that are likely to be encountered in the vocational education and training (VET) context and examines teaching and classroom management practices most likely to result in effective learning. Developmental psychology is presented as a basis for understanding the different needs of adolescent and adult learners. This subject reviews access and equity policy requirements and the role of the VET teacher / trainer in meeting these requirements. Students also consider strategies and resources for addressing the learning needs of those with special needs.

013153 Professional Experience 1 (Computing Studies)

6cp

Requisite(s): 013040c Computing Studies Teaching Methods 1 Undergraduate

This subject introduces the wide-ranging experiences of a school teacher in the secondary school by placement in a school. Opportunities vary depending on schedules and timetables but experiences include situation analysis, orientation, staff meetings, meetings with parents, sport activities and carnivals, supervision duties (e.g. playground duty), assessment, reporting, professional development sessions, and excursions. Teaching begins with co-teaching, working with small groups and providing support to cooperating teachers and leading up to teaching parts of lessons and whole lessons. It includes close supervision from the cooperating teacher. In this subject the student demonstrates effective communication, knowledge of the subject being taught, planning and assessment for effective learning and improvement in professional knowledge and practice.

013154 Professional Experience 2 (Computing Studies)

6ср

Requisite(s): 013153 Professional Experience 1 (Computing Studies) Undergraduate

This subject centres on professional experience in secondary schools. It provides an opportunity to engage fully in a school experience as teacher, supported by mentoring with cooperating teachers and colleagues. Students observe lessons, team teach, assist with classes, teach small groups of pupils and classes. In this subject the student analyses and modifies their experiences in order to improve their practice. The student demonstrates knowledge of their subject/content and strategies for effective teaching. This includes effective planning, assessment, and reporting and demonstrating a range of strategies to create and maintain safe and challenging learning environments through classroom management skills.

013155 Professional Experience 1 (Commerce, Business Studies and Economics/Computing Studies)

6ср

Requisite(s): 013039c Commerce, Business Studies and Economics Teaching Methods 1 OR 013040c Computing Studies Teaching Methods 1

Undergraduate

This subject introduces the wide-ranging experiences of a school teacher in secondary school by placement in a school. Opportunities vary depending on schedules and timetables but experiences include situation analysis, orientation, staff meetings, meetings with parents, sport activities and carnivals, supervision duties (e.g. playground duty), assessment, reporting, professional development sessions, and excursions. Teaching begins with co-teaching, working with small groups and providing support to cooperating teachers, and leading up to teaching parts of lessons and whole lessons. It includes close supervision from the cooperating teacher. In this subject the student demonstrates effective communication, knowledge of the subject being taught, planning and assessment for effective learning and improvement in professional knowledge and practice.

013156 Professional Experience 2 (Commerce, Business Studies and Economics/Computing Studies)

6ср

Requisite(s): 013155 Professional Experience 1 (Commerce, Business Studies and Economics/Computing Studies) Undergraduate

This subject centres on professional experience in secondary schools. It provides an opportunity to engage fully in a school experience as teacher, supported by mentoring with cooperating teachers and colleagues. Students observe lessons, team teach, assist with classes, teach small groups of pupils and classes. In this subject the student analyses and modifies their experiences in order to improve their practice. The student demonstrates knowledge of their subject/content and strategies for effective teaching. This includes effective planning, assessment, and reporting and demonstrating a range of strategies to create and maintain safe and challenging learning environments through the use of classroom management skills.

013157 Computing Studies Teaching Methods 3

6ср

. Undergraduate

This subject examines the role of communications technology in changing classroom environments. It focuses on the integration of the internet into the teaching of a variety of subjects. Students cooperatively create a website with links to subject-specific resources, and the creation of support materials for classroom implementation.

013158 Computing Studies Teaching Methods 4

6cp

Requisite(s): 013040 Computing Studies Teaching Methods 1 Undergraduate

In this subject students create programs of work and design educational experiences in computing studies for secondary school students. The aim is to prepare proficient beginning teachers in computing subjects, and is intended as a foundation for continuing professional development. On completion of this subject students are able to apply their educational studies to the teaching of selected computing subjects; to design, organise and evaluate methods and materials for teaching; and to use their theoretical framework as a basis for their future careers as teachers.

013159 Independent Study Project 2

6cp

Requisite(s): (24 credit points of completed study in C04232 Master of Education OR 24 credit points of completed study in C04231 Master of Arts OR 24 credit points of completed study in C04245 Master of Arts in Teaching English to Speakers of Other Languages) AND (013952 Research Perspectives OR 013122 Understanding Adult Education and Training)

Postgraduate

This subject focuses on the extension of skills and knowledge in an aspect of education of interest to the student. Students design and carry out, in consultation with a member of academic staff, an individual course of study such as a field-based project or an in-depth literature review of a particular subject. Enrolment in the subject is contingent on the student finding a member of academic staff willing to supervise the project. Before enrolment, the student, academic supervisor and subject coordinator must sign an outline of the work with deadlines for the various stages of the project.

013160 Professional Learning and Practice

6cp; availability: exchange and study abroad students with faculty approval

This subject provides students with opportunities to explore contemporary approaches to professional learning and practice being developed in Australia and internationally. In the context of changing notions of professional learning and inter-professional practices in increasingly global contexts, students critically examine: the different ways learning and practice are theorised; and key issues, such as responsibility, ethics and professional identities. Using recent case studies of research on professional practices in diverse sectors including health and hospitality in Australia and internationally, students gain insights into the ways professionals learn and the links to organisational and workplace learning.

013161 Popular Education and Social Movements

6cp; block; availability: exchange and study abroad students with faculty approval

This subject explores the relationship between popular education and a variety of social movements in a globalised world. It considers the ways in which politics, strategy and pedagogy are used to mobilise resources to support change–orientated collective action around a wide range of local–global issues. Contrary to conventional wisdom, social movements are not simply about challenging or reinforcing power: as historical and current responses to community or group conflicts and issues, they are also important sites of education, learning and knowledge production. This subject is designed to introduce practitioners and researchers to major educational theories and debates applied to the empirical reality of social movements.

013162 Organisational Learning

6cp; block; availability: exchange and study abroad students with faculty approval

This subject seeks to orientate students to current practices in organisational learning. It examines the various theories of organisational learning from the perspective of the individual, organisational unit and whole organisation. The application of these theories to organisations in various sectors is critically examined and case studies of organisational learning are used to illustrate the impact of organisational learning on the long-term performance of the organisation. The future of organisational learning in the context of economic, social, demographic and technological change is also examined.

013163 New Media and Social Change

6cp; availability: exchange and study abroad students with faculty approval

This subject is part of the Popular Education and Social Change major in the Master of Education but is also relevant to students in master's degrees in the fields of communication management, media arts production and journalism. There are two features that distinguish traditional media – such as film, images, music, books, magazines and newspapers - from new media. The first is the digital nature of new media technologies, many of which exploit the power of the world wide web. The second, and for the purpose of this subject, more important feature is the participatory and interactive capabilities of new media. This subject examines how new media has, in the last decade, been used to strengthen 'people's' voice and participation. In particular, the subject explores the ways new media has created opportunities for grassroots groups in communities and workplaces to be positioned in social change campaigns in ways that are more powerful than when they relied on traditional media. New media has been important in enabling participatory action research and the development of popular education projects. In this subject students also learn how to use various new media for hypothetical or real social change projects.

013164 Narrative and Storymaking in Education and Change

6cp; availability: exchange and study abroad students with faculty approval

Storytelling may be what most distinguishes social movements from interest groups and other forms of collective action because it combines two ways of knowing: the feeling associated with narrative and the thinking associated with analysis. Storymaking and storytelling are central to social movements because they construct agency, shape identity and motivate action. Social movements learn to exercise agency to deal with new challenges partly through the collective construction of narrative. Drawing on theories of learning, storytelling and narrative, plus examining case studies of storymaking in social movements, this subject helps participants examine the pedagogy and practice of collective identity construction geared towards promoting social change.

013165 Leading Learning in the Workplace

6cp; weekly; availability: exchange and study abroad students with faculty approval

This subject is designed to assist students in developing their understanding of leadership as it applies in a workplace learning environment. It examines the concept of leadership as opposed to management and the various theories that underpin current leadership studies. It examines the special nature of leadership in a workplace learning environment at both the group and organisational level and looks at the selection, development and mentoring of current and future workplace learning leaders.

013166 Education in Policy Contexts

6cp; availability: exchange and study abroad students with faculty approval

Postgraduate

The focus of this subject is the dynamic, contested and evolving world of policy, particularly as it affects education in Australia. Given that the process is generally poorly understood, and often emerges around contentious or polarising issues, it is important for practitioners and

researchers in private and public sectors, civil society and community organisations to understand the complex and changing world of policy. Within this context, the political and contested nature of policy is explored in relation to questions about who participates in making policy and whose interests are being served, or not. The subject also examines theoretical and ideological frameworks that are linked to broader debates and historical contexts.

013167 Contemporary Work and Learning

6cp; availability: exchange and study abroad students with faculty approval

The nature of work is at the core of many debates about contemporary and future society. A critical aspect of these debates is the role of adult education and learning. This subject is concerned with the changing relationship between work, the economy and adult learning, and focuses on contemporary debates and literature both in Australia and globally. There is an overlap with those subjects in the master's program concerned with issues of skill, workplace and organisational learning, technology and communications, and so on.

This subject, however, attempts to place these particular issues within a larger framework. Its primary concern is not with the specific application of workplace learning but rather in situating such applications within a wider political and economic context that considers changes in the economy and society. The subject looks at why there is so much interest in the connection between work and learning; examines various assumptions about education, economy and employment; and critically explores the practical outcomes of new policy prescriptions. The subject helps students gain critical insights into the way changes are taking place in their own workplaces, and enables them to formulate responses to these changes that are informed by a richer understanding of work and learning.

013168 Adult Education: Past, Present, Future

6cp; weekly, on campus; availability: exchange and study abroad students with faculty approval

This subject examines the history of adult education and the claims that adult educators have made about the special role and purpose they play. Among these are that the first adult educators were popular educators and that adult education's defining purpose is to support democracy and social change; others concentrate on preparing adult learners for work, to assist adults to achieve self-actualisation and see it as developing human and social capital; while others say adult education provides a second chance at education, especially in the fields of literacy and numeracy, and in underdeveloped economies. How might we understand the claims made for adult education in the early 21st century against earlier claims? Is it still a force for social or radical change or has it been conscripted to deliver a flexible and adaptable workforce? Can we even say there is a role for adult education or indeed that the term continues to have a particular meaning? By exploring these issues and questions, this subject also looks at contemporary policy and thinking.

013218 Studio Practice: Painting

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject uses both a practice-based and theoretical approach to the exploration of the painted surface within a range of fine arts conventions. Students explore colour theory, pigment, media and surfaces in innovative processes that lead to individualised works and expanded understandings of the potential, significance and diversity of representation through the painted surface. The role of the painter in a post-modern context is examined inclusive of discourse about aesthetic education, creativity and critical theory.

013219 Studio Practice: Ceramics

6cp

This course is designed as an introduction to the media of clay. Historical and contemporary studies of this medium form a basis from which students are encouraged to explore individual expression whilst learning about clay and ceramic techniques. The properties of clay, its sculptural characteristics, safe workshop practice and the firing process pertaining to electric kilns are also addressed in this course.

013401 Professional Experience and Classroom Management 1

6ср

Requisite(s): (013409 Professional Learning AND (013411c English Teaching Methods 1 OR 013415 Mathematics Teaching Methods 1 OR 013423 Languages Teaching Methods 1 OR 013431 Visual Arts Teaching Methods 1 OR 013419 Science Teaching Methods 1 OR 013437 History Teaching Method OR 013438 Business Studies/ Economics Teaching Methods 1 OR 013427 Personal Development, Health and Physical Education Teaching Methods 1 OR 013435 Human Society and its Environment Teaching Methods 1) OR ((013039 Commerce, Business Studies and Economics Teaching Methods 1 OR 013041 English Teaching Methods 1 OR 013045 History Teaching Methods 1 OR 013046 Language Teaching Methods 1 OR 013047 Mathematics Teaching Methods 1 OR 013049 Science Teaching Methods 1 OR 013048 Personal Development, Health and Physical Education Teaching Methods 1 OR 013050 Visual Arts Teaching Methods 1)

Further information on this subject is available from UTS: Arts and Social Sciences.

013402 Professional Experience and Classroom Management 2

6ср

Requisite(s): (013401 Professional Experience and Classroom Management 1 OR ((013009 Professional Experience 1 (Commerce, Business and Economics) OR 013012 Professional Experience 1 (English) OR 013011 Professional Experience 1 (English/History) OR 013023 Professional Experience 1 (Mathematics) OR 013021 Professional Experience 1 (Science) OR 013018 Professional Experience 1 (Mathematics/Science) OR 013019 Professional Experience 1 (Personal Development, Health and Physical Education) OR 013022 Professional Experience 1 (Visual Arts) OR 013016 Professional Experience 1 (Languages))))

Further information on this subject is available from UTS: Arts and Social Sciences.

013408 Designing Learning for a Digital Generation

6ср

Further information on this subject is available from UTS: Arts and Social Sciences.

013831 Maths for Numeracy Teachers

6cp; block; availability: exchange and study abroad students with faculty approval

This subject is designed for students who are, or intend to, teach numeracy in a stand-alone numeracy course or in an integrated language, literacy, numeracy course in adult learning contexts including adult basic education or foundation education; TESOL; and vocational education and training in formal and informal adult education settings. The focus of the subject is on developing students' own approaches to learning the mathematics that they need in their teaching contexts.

For a variety of reasons, including negative experiences of school mathematics, many adults have a fear or anxiety about learning mathematics. Using a range of methods including discussions and reflections to examine the affective dimension of mathematics learning, the subject helps students develop confidence and an effective approach to re-engaging with the learning of mathematics. Through the use of a learning contract the students identify the mathematical areas as relevant for their contexts of teaching, and negotiate how they approach and demonstrate their learning.

013949 The Arts in Supervision and Self Work

6ср

In this subject, students learn about expressive arts therapy practices which can be applied to a variety of arts modalities and settings, including individual therapy, supervision and coaching, group therapy and consulting. Learning is based on application of arts based techniques to one's own personal development through autobiographical arts explorations and working in dyads and small groups. Experiential learning is supported by reading and discussion of key principles, peer feedback and supervisison.

013950 Verbal and Body Psychotherapies

6cp

This subject has two streams: one stream examines verbal counselling and psychotherapy skills; the other stream focuses on the importance of the body in the arts therapies. The purpose of both verbal and body-based streams is to provide resources for students' development as empathetic therapists, for increasing self-awareness and expressive range. Experiential work and theoretical background is drawn from various schools of counselling and psychotherapy, somatic education, somatic pschotherapy, rhythm-work and voice-work.

013951 Learning and Change

6cp; availability: exchange and study abroad students with faculty approval

Postgraduate

This subject addresses big picture questions about change and learning. A premise that underpins the subject is that there are significant economic, social, technological and identity changes taking place that suggest educators need to be constantly thinking about their purpose, role and practice in the context of the changes in their world.

013952 Research Perspectives

6cp; availability: exchange and study abroad students with faculty approval

Postgraduate

The purpose of this subject is to develop research-literate students who understand research practices and processes, are critical readers of research, and who are able to develop ideas about potential research problems and applications of research in their field of practice. The subject explores how research texts are constructed by assumptions about knowledge, values and the nature of reality, and through research activities and practices which produce accounts of and evidence for innovation. The subject engages with a series of research perspectives, exploring key concepts, case studies and developing research literacy skills. The subject thereby encourages students to explore and critically reflect on their own perspectives on knowledge.

This subject introduces research in education through the critique of carefully selected research texts drawn from different research traditions and perspectives. Participants draw on their own experience of professional practice to inform their critical reading of research texts and to extend their understanding of the diversity of contemporary approaches to research.

The subject aims to equip students with skills and knowledge that are relevant both to students who intend to go on to develop and implement research projects themselves (particularly those intending to undertake 013112 Research Design), and those who engage with research at the cutting edge of their field in order to inform the development of policy and practice.

013953 Adult Learning in Context

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject introduces the theories and philosophies that inform the practice of adult education and the variety of contexts in which adult teaching and learning occur. It examines a number of key practitioners and theorists who have contributed to, or are identified with, the various schools of thought.

Students demonstrate a developing understanding of their own professional practice as educators as they consider their own approaches to learning and teaching in comparison to the theoretical perspectives on teaching and learning presented in this subject.

013954 Program Design

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject provides students with the opportunity to explore various approaches to developing programs within different contexts, ranging from the training room to community settings and workplace learning. It assists students to identify, critically evaluate and practice strategies for planning, designing and evaluating programs relevant to a diversity of learners and contexts. The subject provides a critical overview of the formal adult education and training context in Australia.

013955 Assessing Learning

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject critically analyses assessment practices and policies in educational, training and workplace contexts. It examines how the social and political context influences assessment paradigms and practices. Students identify and evaluate a range of models and tools of assessment, relating these to educational contexts and learning models. Students also reflect on their own skills development and professional learning needs. The subject is structured around three core content themes: assessment contexts, professional practices and learning.

013956 Professional Practice 1

6cp

Undergraduate

In this subject students develop professional skills in teaching / training and the facilitation of learning, workplace training / education, and the work experiences of adults. It has a work-based focus and is supported by theories of adult learning. Students demonstrate the acquisition of skills through practical implementation of new knowledge. This may occur via demonstration of teaching / training skills, design and presentation or facilitation of learning activities, and other specific applications of underpinning knowledge to effective problem solving in a variety of learning contexts.

013957 Professional Practice 2

6ср

Undergraduate

In this subject students continue to develop professional skills in teaching/training and the facilitation of learning, workplace training/education, and the work experiences of adults. It has a work-based focus and is supported by theories of adult learning. In this subject students demonstrate the acquisition of skills through practical implementation of new knowledge. This may occur via demonstration of teaching/training skills, design and presentation or facilitation of learning activities, and other specific applications of underpinning knowledge to effective problem solving in a variety of learning contexts.

013958 Language Teaching Methodology

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject focuses on the development of language teaching knowledge and skills. It introduces theories and approaches to teaching spoken and written language. Students explore strategies that promote purposeful and communicative language use in relation to specific contexts for language teaching and learning. Topics include approaches to lesson planning and task design, critique and evaluation of current language teaching materials, and application of language teaching theories in diverse settings.

013959 Communication and Learning

6cp; availability: exchange and study abroad students with faculty approval $% \left(1\right) =\left(1\right) \left(1\right$

Undergraduate

This subject focuses on the professional development of adult educators as communicators in academic contexts such as adult education workplaces and universities. It considers the spoken and written communication skills necessary to become effective members of organisations. The subject also examines approaches for analysing communication events and written texts to provide tools for understanding spoken and written language use in a variety of situations. Topics include the relationship between teaching and learning and the nature of human communication, academic speaking and listening, academic writing, and different text types of written communication in learning environments.

013960 Individual Communication in the Workplace

6cp; availability: exchange and study abroad students with faculty approval $% \left(1\right) =\left(1\right) \left(1\right$

Undergraduate

This subject examines communication processes and skills used by individuals in the workplace. It explores theoretical approaches to individual communication in the workplace, including transmission and transactional approaches. The focus is on assisting educators to develop their own and others' interpersonal skills. Both oral and written dimensions of workplace communication are analysed, including development of public speaking, self-presentation and interpersonal skills. Topics to be considered include nonverbal communication, emotional intelligence, listening, questioning, reframing, assertiveness, conflict management, intercultural communication in the workplace, and developments in interpersonal skills training.

013961 Team Communication in the Workplace

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject forms part of a major sequence providing specialist knowledge for adult educators wishing to teach/train in areas of communication studies. In this subject communication processes and skills are examined to assist educators to facilitate the learning and performance of teams in the workplace. In particular, educators investigate a variety of communication techniques to enhance team quality and productivity, increase team member satisfaction and motivation, improve performance as a team leader and/or team member, achieve and maintain team cohesiveness and interpret communication interactions within the team.

013963 Cultural Diversity at Work

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject examines the workplace in a social and cultural context and introduces the complexities of learning and working with diversity. It provides participants with the knowledge and skills to identify and understand the sociopolitical nature of cultural diversity and how this has developed in Australian society and its workplaces. The subject reviews Australia's cultural history and how it is relevant to the changing work environment and the changing nature of work in an increasingly globalised world. Finally, the subject investigates and analyses practical applications of approaches to working with and managing cultural diversity.

013966 e-Learning Experiences

6cp; availability: exchange and study abroad students with faculty approval $% \left(1\right) =\left(1\right) \left(1\right$

Undergraduate

This subject introduces the concept of e-learning and its application and applicability in an organisational context. It explores a range of technology-mediated learning tools and examines them from both a personal and organisational perspective. Case studies examining organisations currently employing e-learning strategies highlight workplace issues and are critically analysed in comparison with the experiences gained from participating in an e-learning short course.

013967 e-Learning Design

6cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 013966 e-Learning Experiences

Undergraduate

This subject uses the knowledge and experiences developed in 013966 e-Learning Experiences to identify and examine theories that underpin the development of e-learning content within an organisational context.

The subject focuses on the construction of e-learning environments in the organisational context by using a problem-based approach in which students analyse learning contexts and design strategies informed by the application of learning theories, visual communication and multimedia principles, and selection of educational technologies.

Students also develop a basic level of proficiency in a number of educational technologies in order to review and evaluate the suitability for the organisational context.

013970 Using Information Technology for Learning

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject introduces students to an understanding of information technology and computer systems as they apply to educational and human resources development contexts. On completion of this subject students should be able to effectively use computers and other information technologies in educational and training contexts to solve and document relevant problems. The understanding and skills developed are designed to promote confidence in the operation of computer hardware and software. The subject covers the educational use of computers in the application areas of word processing, databases, spreadsheets, graphics, multimedia and communication. The subject also focuses on the development of information literacy. Information literacy is related to information technology skills but is broader in its application. It furnishes the basis for life-long learning and is common to all contexts of teaching and learning at all levels of education.

013971 Teaching and Learning Numeracy

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject aims to provide participants with an introduction to issues about the nature of numeracy. This is followed by development of strategies for participants' own learning of numeracy, practice of teaching numeracy, and awareness of curriculum and numeracy teaching resources.

013972 Organisational Learning

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

The subject provides students with opportunities to apply their organisational learning (OL) knowledge and skills developed prior to, and during their final year of undergraduate study. For part of the semester, students use an interactive learning environment created as an 'organisation in the classroom' simulation to develop an understanding of forces at work within human systems, groups and organisations. Students create an OL strategy for a particular organisational context that builds upon their knowledge and assessment of organisational learning theories and practices and integrates their understandings of organisations, change and contexts for learning. The completed assessments provide examples of critical theoretical readings, group-based analysis of organisational barriers to learning and the design of a OL strategy that can contribute to professional practice in organisational learning and transfer to students' workplaces.

013973 Adult Education Policy in Context

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject is designed to create critical awareness and understanding of education policies in Australia, particularly adult education, as they affect teaching, learning and the provision of courses across NSW and Australia. The subject provides an historical context for understanding important policies and an appreciation of the affect that policies have on professional practice in different fields of specialisation.

013974 The Psychology of Adult Learning

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject considers the major psychological approaches to adult learning and teaching. These include processes for developing cognitive and performance skills, variables affecting acquisition, retention and transfer of knowledge and skills, and a range of learner characteristics that affect learning. The subject explores how to apply an understanding of psychological principles when making decisions affecting the teaching and learning process.

013975 Designing and Developing Simulations and Games

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject introduces the world of 'play as learning'. It explores current theoretical frameworks relating to the selection, design and development of simulations and/or games for a variety of contexts. Basic design principles are introduced including psychological theories relevant to cultural factors, language issues and other specific characteristics.

The subject provides a theoretical underpinning and related skill development for choosing, adapting, designing, constructing and managing active learning contexts. Exemplar models of simulations and games from a variety of sources are examined.

013976 Strategic Human Resource Development

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject extends students' awareness of the diverse practices of human resource development (HRD) as an area of organisational activity. It emphasises the importance of integrating HRD practice and activity into the broader scope of organisational strategic directions and examines activities related to the development of all employees to achieve desired organisational outcomes. While some attention is directed to traditional approaches to organisational training, this subject particularly examines a diverse range of alternate learning, organisational development and performance improvement strategies which can be used to enhance organisational learning and facilitate organisational change and development.

013977 Teaching and Learning in Practice

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject introduces principles and practices associated with both teaching and facilitating learning, which are relevant for a range of adult learning contexts. As such the subject both extends learner understanding of a range of concepts introduced in other foundation subjects, as well as providing an introduction to more specific subjects which focus on learning and development in more specialised contexts (e.g. education institutions, organisations, community sector).

013978 Research and Inquiry

6cp; availability: exchange and study abroad students with faculty approval $% \left(1\right) =\left(1\right) \left(1\right$

Undergraduate

This subject aims to develop an understanding of the relationship between research and professional practice. In particular, it develops an understanding of how research is used to shape, inform, critique and/or change practice. It focuses on developing research literacies that enable professional educators to evaluate research texts relevant to their field of practice, as well as design ethical research methods and justify their appropriateness for addressing professional problems and/or issues that arise in their professional practice.

013979 Organisational Learning and Change: Local and Global

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

In this subject students study three arenas where there are intense efforts to lead and facilitate change. The first arena is organisational management with a focus on improving organisational learning, performance and productivity. The second arena focuses on workers and community groups that are concerned also about quality of life, work conditions and corporate social responsibility. The third arena is that of large organisations seeking to lead and facilitate change for environmental sustainability. The subject is designed to provide a counter-point to the widespread interest only in changing organisational effectiveness through the development of people (or 'human capital').

013980 Identity, Culture and Communication

6cp; weekly and block schedules to be developed by lecturers to fit in with the delivery modes $% \left(1\right) =\left(1\right) \left(1\right)$

Undergraduate

This subject aims to develop an understanding of the relationship between identity, culture and communication and the importance of this relationship in both professional and personal contexts. It explores identity and culture as socially constructed and dynamic, and examines these concepts in relation to the individual and society, as well as their relationship to learning and teaching. The subject also extends students' interpersonal and intercultural communication skills through an understanding of how language is related to social contexts.

013981 Teaching Aboriginal Studies

6cp; availability: not offered to exchange and study abroad students Undergraduate

This subject focuses on developing competent teachers of Aboriginal studies through practice and critique. It considers a range of issues, strategies and resources for presenting information about Indigenous Australian studies. This subject explores a number of approaches to translating social content in learnable/teachable episodes and examines ethical issues in the teaching of Indigenous Australian studies. A range of resources and Indigenous Australian studies sessions are critiqued through peer assessment.

013982 Aboriginal Cultures

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

The subject description is available from UTS: Education.

013983 Academic Literacies in TESOL and Applied Linguistics

6ср

This subject is designed to assist postgraduate students for whom English is a second language, particularly international students. It develops students' academic literacies in the fields of TESOL and applied linguistics by analysing key research literature and supporting students to develop the genres and grammar of second language (L2) writing. The subject additionally develops competence in spoken communication in English-speaking settings.

015033 Programming for Community Learning

6ср

Undergraduate

This subject engages with concepts and practices of approaching and developing community learning programs to empower social action and change. It posits itself through identifying and building on community strengths and with theories and practices of appreciative inquiry and asset-based community development. Learning is approached from a positive rather than deficit foundation that aims to give voice to community members on community issues.

015144 Education and Cultural Diversity

6ср

Undergraduate

Australia is one of the most culturally and linguistically diverse countries in the world and is still in the process of developing appropriate ways of responding to this diversity in terms of equity and social justice; and in terms of valuing and maximising the advantages of such diversity. Adult educators working in a range of community and Aboriginal contexts need therefore to develop an understanding of their own and others' cultures in order to operate effectively and flexibly within such a culture of change.

015342 Teaching and Learning in Diabetes Education

6ср

Postgraduate

This subject aims to help students: identify and critique an overall framework which links the many elements that make up the teaching and learning process; use this framework to improve their professional performance in the design, delivery and evaluation of diabetes education learning sessions in both group and one-to-one contexts; identify various assumptions about what constitutes effective teaching

and learning and evaluate their own levels of performance against these indicators; identify and develop the skills necessary for effective self-directed professional learning; and use these to guide their own development as diabetes educators.

015343 Programming for Diabetes Education

6cr

Requisite(s): 015342 Teaching and Learning in Diabetes Education Postgraduate

This subject aims to help students develop their understanding of the theory and practice related to developing, implementing, supporting and evaluating a variety of diabetes education programs in response to the needs, demands, capabilities and interests of diabetes education clients and providers.

015356 Learning in Diabetes Education

6cp; availability: not offered to exchange and study abroad students Postgraduate

This subject aims to develop students' understanding of how to promote learning in diabetes education. Adult learning principles are examined in the context of theories of health behaviour and the implications these have for practice. Practical workshop sessions supported by a range of learning materials, provide students the knowledge to design, deliver and evaluate diabetes education. This subject also facilitates students' ability to become effective self-directed professionals by providing strategies for them to reflect on their own development as diabetes educators.

015381 Thesis Development and Appraisal

6cp; availability: not offered to exchange and study abroad students Undergraduate

This subject is designed to develop the competencies necessary to plan and write an honours thesis. It also aims to critically develop the knowledge and skills required to critique research proposals, plans and outcomes. It contributes to the course aim by developing critical thinking about applied research which in turn contributes to academic thesis writing skills.

016102 Thesis (Education)

Ocp; availability: not offered to exchange and study abroad students Postgraduate

This subject is the thesis component for part-time students of the Master of Education (Honours). Students are required to complete a thesis of 50,000 words.

016715 Analysing Professional Practice

9ср

Postgraduate

This subject is designed to help students develop a critical posture in relation to their educational practice and the sites in which they work. A relevant framework for critically analysing practice is discussed and then applied, illustrated and refined using the students' educational sites as case studies. Students are required to present their own case study and maintain a portfolio of written comments on the presentations of other students.

018723 Research Dissertation 1 (Education)

24ср

For subject description, contact UTS: Education.

018724 Research Dissertation 2 (Education)

24cp

Requisite(s): 018723 Research Dissertation 1 (Education) There are also course requisites for this subject. See access conditions.

For subject description, contact UTS: Education.

019950 EdD Thesis: Education

Ocp; availability: not offered to exchange and study abroad students The subject description is available from UTS: Education.

019981 Thesis (Doctor of Education)

Ocp; availability: not offered to exchange and study abroad students The subject description is available from UTS: Education.

019982 PhD Thesis: Education

Ocp; availability: not offered to exchange and study abroad students Postgraduate

The subject description is available from UTS: Education.

020705 Educational Drama

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject develops a foundation knowledge in the theory and practice of educational drama; explores a variety of drama strategies and forms an approach for developing literacy; investigates the role of the teacher in developing literacy through drama; develops educational drama resources and teaching materials suitable for use in the school; evaluates the acquired knowledge through talk, reading enactment and writing; and examines the role of educational drama across the key learning areas.

021412 Educational Computing Study 2

6ср

Requisite(s): 021311 Computer-mediated Learning for Children Undergraduate

This subject focuses on the use of integrated packages as information-handling and problem-solving tools, with specific reference to educational context. Students are introduced to spreadsheets and further work is done on databases. Finally, concept mapping software is studied from a student learning perspective as well as a teacher productivity tool.

021702 ICT in Primary Education: Current Issues and Applications

6ср

This subject provides an overview of contemporary social issues, curriculum issues and emerging learning technologies relating to the use of ICT in K-6 education. Strategies are developed for keeping upto-date with K-6 e-learning trends and developments, including new pedagogical approaches. Sessions are mostly hands on and students develop related technical skills (no experience necessary).

022203 HSIE Study 2: Conflicts and Resolutions

6cp; 3hpw Undergraduate

Developing the skills, attitudes and self-esteem to productively manage conflict is essential as a means of facilitating learning. It is also a vital life and vocational skill, arguable as important in the home and workplace as in international affairs. This subject allows students to explore the causes and possible resolutions to conflicts Students also explore examples of conflicts as part of contemporary and historical sociologies, critically analysing the actions and possible motivations of the main players.

022204 HSIE Study 3: Multicultural Australia in its Asia-Pacific Regional Context, Implications for Teaching

6cp; 3hpw; availability: exchange and study abroad students with faculty approval

Undergraduate

Australians are becoming increasingly aware of regional and global shifts in power and influence, particularly the 'emergence' of the Asia-Pacific region, and the implications this has for Australia in terms of its links with the region. At the same time, an awareness of Australia's Aboriginal history, and now, of Aboriginal and non-Aboriginal shared histories and futures, is emerging. This subject investigates some of the implications this has for teaching in the Australian context. It examines the nature and theoretical underpinnings of intercultural studies, and looks into the dynamics of the Australian classroom in the national, regional and global context. The subject explores some of the current debates in Australia with regard to multiculturalism, immigration, Aboriginal issues, refuges, etc., and their implications for teaching.

022601 Learning Beyond the Classroom

6ср

Undergraduate

An important component of teaching involves taking students outside the classroom. Research increasingly shows that teaching strategies need to be specifically developed for these learning environments, and that classroom teachers are often not aware of the range of options available for making these experiences meaningful. This subject investigates the research base and then looks at applications of its findings. The subject includes considerable 'learning outside the classroom'.

022602 Independent Study

6ср

Advanced study elective

Undergraduate

This subject allows students to develop their own learning project in consultation with a member of the academic staff. The project may take the form of a reading course, a field-based study or an action-research project relating to an aspect of primary school education.

022603 Teaching Across the Curriculum

6cp; availability: exchange and study abroad students with faculty approval

Elective

Undergraduate

This subject focuses on the practical and creative ways in which teachers can incorporate aspects of the curriculum into integrated units. It is based on the philosophy that learning is most successful within meaningful contexts and when it is holistic rather than fragmented. Ways in which cross-curricular teaching can be programmed, assessed and evaluated are also explored. In recognition of the demands of programming for teachers, the integration of ICT is also examined.

023001 Psychology of Secondary Students

6cr

Postgraduate

The aim of this subject is to provide students with an understanding of the principles and patterns of human growth and development in the secondary school years; a knowledge of types of learning and their interaction with teaching approaches; and a knowledge of effective ways of interacting with their students.

023122 Professional Practice in Personal Development, Health and Physical Education 1

6ср

Postgraduate

This subject is divided into two modules, each requiring two hours attendance a week. Module A examines the Board of Studies' (BOS) years 7–10 PDHPE syllabus. Module B examines teaching and learning issues, with a particular emphasis on pedagogies in the BOS years 7–10 PDHPE syllabus. The emphasis of this subject is on professional practice, that is, the essential knowledge and skills necessary to enter the profession. The focus is on the syllabus and methodology, as distinct from the content of the teaching programs.

023123 Professional Practice in Personal Development, Health and Physical Education 2

6ср

Requisite(s): 023122 Professional Practice in Personal Development, Health and Physical Education 1

Postgraduate

This subject is divided into two modules, each requiring two hours attendance a week. Module E examines the new stage 6 PDHPE syllabus (preliminary and HSC courses). Module F examines the new 25-hour PDHPE course called Crossroads. Together with the modules in 023126 Learning in Personal Development Health and Physical Education 2 (modules G and H), all four modules provide students with the opportunity to examine relevant school syllabuses and policies and apply these documents in their preparation of programs and lessons. It develops students' professional understanding and skills and encourages them to develop as reflective practitioners by providing models of teaching excellence. The subject comprises compulsory modules which enhance students' ability to teach PDHPE.

023124 Professional Practice in the Secondary School

6cp

Postgraduate

This subject combines theory with practice to provide students with the skills and understanding required to begin to teach in a secondary school. This subject develops students' teaching approaches and strategies to promote learning with the skills and understandings required of an effective beginning teacher. This subject is closely associated with practicum. An emphasis is placed on professional commitment, current developments in teaching and learning, and reflection on teaching practice.

023125 Learning in Personal Development, Health and Physical Education 1

6ср

Postgraduate

This subject is divided into two modules, each requiring two hours attendance a week. Module C examines controversial and sensitive issues (with some reference to the catholic education PDHPE syllabus). Module D concentrates on dance, and combines a practical and theoretical focus. In this subject, the emphasis is more on the component areas of personal development, health and physical education in terms of the basic requirements for recruitment into the profession. The focus is on the foundational content of the teaching programs, as distinct from the syllabus and methodology. Together with the modules in 023122 Professional Practice in PDHPE (modules A and B), all four modules emphasise developing skills and understanding of the structure and content of the syllabuses, and provide students with opportunities to explore a wide range of programming, planning, teaching and learning strategies and computer-based technologies.

023126 Learning in Personal Development, Health and Physical Education 2

6ср

Postgraduate

This subject is divided into two modules, each requiring two hours attendance a week. Module G concentrates on gymnastics and movement skills in the years 7-10 syllabus. It combines a practical and theoretical focus. Module H examines the concept of a sociocultural perspective on health in relation to K-12 health issues. Taken together, the two modules emphasise developing skills and understanding of the structure and content of the K-12 PDHPE syllabuses, and provide students with opportunities to explore a wide range of programming, planning, teaching and learning strategies, and computer-based technologies. Together with the modules in 023123 Professional Practice in PDHPE 2 (modules E and F), all four modules provide students with the opportunity to examine relevant school syllabuses and policies and apply these documents in their preparation of programs and lessons. It develops students' professional understanding and skills and encourages them to develop as reflective practitioners by providing models of teaching excellence. The subject comprises compulsory modules which enhance students' ability to teach PDHPE.

023137 Professional Practice in Catering for Difference and Special Needs

6ср

Postgraduate

The aim of this subject is to provide students with effective ways of interacting with students; strategies for identifying students with learning or behavioural difficulties; knowledge of how secondary school teachers can meet the challenges presented by students with special needs, including those with learning or behavioural difficulties, and gifted and talented students; and an understanding of the educational issues relevant to the use of alternative curricula and learning contexts, including alternate pathways in post-compulsory education.

023138 Social and Philosophical Aspects of Secondary Education

6ср

Postgraduate

This subject consists of two strands which together enable students to investigate the sociological and philosophical dimensions of secondary education. In the social bases strand, students explore social theories which seek to explain the social forces shaping schools and

classrooms and the ways in which school and society interacts in the Australian context. They also investigate how social characteristics influence the educational outcomes of certain social groups and current policies and programs which address these influences. In the critical issues strand, students begin to clarify their own educational philosophy. They do this by analysing and evaluating a range of positions on critical educational issues which confront secondary educators at the present time. From this, students determine their own stance on these issues and identify how this will impact on their professional practice.

023156 Professional Experience 6: Promoting Student Centred Learning

6cr

Requisite(s): (023151 Professional Experience 1: Beginning Teaching Issues in the Primary School OR 023111 Practicum 1: Beginning Teaching) AND (023152 Professional Experience 2: Developing Classroom Management OR 023112 Practicum 2: Developing Classroom Management) AND (023153 Professional Experience 3: Assessment and Evaluating in Education OR 023116 Practicum 6: Assessing and Evaluating in Education) AND (023154 Professional Experience 4: Designing Educational Programs OR 023115 Practicum 5: Designing Educational Programs) AND (023155 Professional Experience 5: Teaching Students with Special Educational Needs OR 023114 Practicum 4: Managing Learning Difficulties OR 012235 Professional Experience 5: Teaching Students with Special Educational Needs)

This subject extends the knowledge and skills base of students, enabling them to make increasingly informed decisions concerning teaching practices that place the primary student at the centre of his or her learning. It addresses both the theoretical underpinnings and professional skills of promoting learner interaction, self-initiated thinking and enquiry. It also examines the phenomenon of individual differences in primary education and associated practical implications for learning and teaching. Further, this subject explores learning beyond the classroom, looking at the different approaches and considerations that are needed when taking students outside the school environment and in providing students with the best possible opportunities for learning with their school class and for life-long learning.

023157 Professional Experience 7: Reflection on Educational Practice

6cp; availability: not offered to exchange and study abroad students Requisite(s): (023156 Professional Experience 6: Promoting Student Centred Learning OR 023882 Special Education Professional Experience 2: Collaborative Participation in Inclusive Service Models OR 023832 Special Education Practicum 2: Collaborative Participation in Inclusive Service Models OR 023113 Practicum 3: Promoting Student-centred Learning) AND (023151 Professional Experience 1: Beginning Teaching Issues in the Primary School OR 023111 Practicum 1: Beginning Teaching) AND (023152 Professional Experience 2: Developing Classroom Management OR 023112 Practicum 2: Developing Classroom Management) AND (023153 Professional Experience 3: Assessment and Evaluating in Education OR 023116 Practicum 6: Assessing and Evaluating in Education) AND (023154 Professional Experience 4: Designing Educational Programs OR 023115 Practicum 5: Designing Educational Programs) AND (023155 Professional Experience 5: Teaching Students with Special Educational Needs OR 023881 Special Education Professional Experience 1: Assesment, Programming and Evaluation OR 023831 Special Education Practicum 1: Assessment, Programming and Evaluation OR 023114 Practicum 4: Managing Learning Difficulties OR 012235 Professional Experience 5: Teaching Students with Special Educational Needs)

This subject is structured so students reflect on teaching practices; analyse the school as a workplace; examine, test and evaluate their theories of teaching and learning; explore educational problems; and critically evaluate methodologies to solve educational problems. The field experience component of this subject occurs in a regular primary school. The placement articulates with Professional Experience 8, which is intended to occur in the same setting. The field experience has both distributed and block elements.

023158 Professional Experience 8: Analysing Current Issues in Australian Education

6cp; availability: not offered to exchange and study abroad students Requisite(s): (023154 Professional Experience 4: Designing Educational Programs OR 023115 Practicum 5: Designing Educational Programs) AND (023155 Professional Experience 5: Teaching Students with Special Educational Needs OR 023114 Practicum 4: Managing Learning Difficulties OR 023881 Special Education Professional Experience 1: Assesment, Programming and Evaluation OR 023831 Special Education Practicum 1: Assessment, Programming and Evaluation OR 012235 Professional Experience 5: Teaching Students with Special Educational Needs) AND (023156 Professional Experience 6: Promoting Student Centred Learning OR 023113 Practicum 3: Promoting Student-centred Learning OR 023882 Special Education Professional Experience 2: Collaborative Participation in Inclusive Service Models OR 023832 Special Education Practicum 2: Collaborative Participation in Inclusive Service Models) AND (023157 Professional Experience 7: Reflection on Educational Practice OR 023117 Practicum 7: Reflecting on Educational Practice) AND (023151 Professional Experience 1: Beginning Teaching Issues in the Primary School OR 023111 Practicum 1: Beginning Teaching) AND (023152 Professional Experience 2: Developing Classroom Management OR 023112 Practicum 2: Developing Classroom Management) AND (023153 Professional Experience 3: Assessment and Evaluating in Education OR 023116 Practicum 6: Assessing and Evaluating in Education) Undergraduate

This final-semester subject is designed to help students draw together their teacher preparation experiences as they engage with a number of major professional issues. Issues examined reflect current trends and demands affecting teaching, learning and schooling in Australia, enabling students to critically analyse these and develop an appropriate and well-supported response that guides their future professional practice. Students' engagement in their professional experience program is continued during this semester and culminates in the associate teacher program. The field experience component of this subject occurs in a regular primary school. The placement articulates with the prerequisite subject, which is intended to occur in the same setting. The field experience has both distributed and block elements.

023412 Education Study 2: Value

6cp; availability: exchange and study abroad students with faculty approval

Further information on this subject is available from UTS: Education.

023505 Educational Research

6ср

Undergraduate

This subject aims to develop students' understanding of research through their active participation in it. With the support of the lecturer, students undertake a sustained research investigation of a particular avenue of interest to them, within a broad and fruitful research focus of relevance to the class community. In addition to developing students' appreciation of research by doing it, the subject deepens their understanding of the broad spectrum of educational research paradigms. This subject is designed both as an essential preparation for the Bachelor of Education (Honours) course and as an elective for third-year Bachelor of Education students.

023625 Research Seminar

6ср

Undergraduate

This is an advanced research subject which explores the ranges of paradigms, methods, and procedures appropriate for disciplinary and interdisciplinary-based research investigations. Both quantitative and qualitative methods are analysed, particularly as they relate to the student's thesis work. Focus is on critically evaluating research from a range of perspectives and developing an appropriate methodological approach for the student's thesis.

023634 Honours Thesis 1

12cp

In this subject students discuss and develop understandings and confidence to design and begin to implement a research study investigating an educational research question. Students develop their literature and methodology and undertake data collection and analysis. The subject culminates in 023635 Honours Thesis 2 with the submission of an honours thesis.

023635 Honours Thesis 2

12cp

The subject description is available from UTS: Education.

023821 Special Education 1: Managing Challenging Behaviours

6cp; availability: not offered to exchange and study abroad students Undergraduate

This subject develops an understanding of the theoretical approaches to programming for students who have challenging behaviour. It also explores the ways in which these approaches have been researched. It examines the criteria for selecting different preventive and management approaches. Participants are given the opportunity to discuss concepts raised in the lecture/workshop sessions, from the perspectives of their experiences in the practicum. The subject is compulsory for those seeking accreditation to teach in special education.

023822 Special Education 2: Preventing and Remediating Difficulties in Reading and Spelling

6cp; block; availability: not offered to exchange and study abroad students $% \left(1\right) =\left(1\right) \left(1\right$

Undergraduate

This subject examines the teaching of early reading and spelling to students who fail to learn from normal instructional techniques. Participants analyse and evaluate research on reading and spelling acquisition, apply the findings to the instructional needs of students, and examine and evaluate diagnostic and assessment tools both formal and informal in reading and spelling.

023823 Special Education 3: Educating Students who have Difficulties with Written Text

6cp; availability: not offered to exchange and study abroad students Undergraduate

This subject examines ways in which teachers can support and assist students who have difficulty in understanding their school texts and school writing tasks. Strategies for increasing comprehension, and their applicability to classroom situations, are investigated. The effectiveness of various approaches to facilitating writing is evaluated and attention is given to both upper primary and high school reading and writing, with an emphasis on non-fiction content areas.

023824 Special Education 4: Numeracy Instruction for Students with Learning Difficulties and Disabilities

6cp; availability: not offered to exchange and study abroad students Undergraduate

In this subject participants critically examine key issues, research and approaches in numeracy instruction for students with learning difficulties and a range of disabilities. They are provided with information and experiences which assists them to determine and utilise appropriate assessment tools and develop programs based on the assessment results. Participants examine adaptation of mainstream mathematics curricula and functional numeracy based on individualised ecological inventories. The role of language in numeracy instruction is also examined, and appropriate and motivating activities and teaching strategies to assist students to effectively learn are investigated in detail.

023825 Special Education 5: Educating Students with Moderate and High Support Needs

6ср

Undergraduate

In this subject, participants critically examine key issues and approaches in the education of people with moderate and high support needs. The evaluation of curriculum models and assessment tools appropriate for students with moderate and high support needs is a component of this subject. Use of assessment data to develop individual education programs to meet students' needs across a range of curricula domains is examined. This subject also involves examination of a variety of transition processes that persons with high support needs may be involved in throughout their lives.

023826 Special Education 6: Educating Students with Delayed or Disordered Communication

6ср

Undergraduate

In this subject, students acquire an understanding of communication delays and deficits in the context of current theories of language acquisition in oral and non-oral forms; evaluate the validity, reliability and educational usefulness of commonly used methods of assessment; consider the issues and procedures involved in the choice of a communication system; and identify effective facilitation methods for both oral and non-oral communication in a wide range of contexts.

023881 Special Education Professional Experience 1: Assesment, Programming and Evaluation

6cr

Requisite(s): (023151 Professional Experience 1: Beginning Teaching Issues in the Primary School OR 023111 Practicum 1: Beginning Teaching) AND (023152 Professional Experience 2: Developing Classroom Management OR 023112 Practicum 2: Developing Classroom Management)] AND ((023153 Professional Experience 3: Assessment and Evaluating in Education AND 023154 Professional Experience 4: Designing Educational Programs) OR (023113 Practicum 3: Promoting Student-centred Learning AND 023114 Practicum 4: Managing Learning Difficulties)

The subject description is available from UTS: Education.

023999 Research Literacies

9ср

Postgraduate

This subject enables students to become competent, sophisticated readers of research by examining the conventions and assumptions within the different research traditions. The subject is designed to enable students to engage in collaborative appraisal of recent research studies as well as to individually analyse and evaluate a study pertinent to the student's field of practice.

024213 English Education 3

6cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 024211 English Education 1 OR 024212 English Education 2

Undergraduate

This subject develops an understanding of the implications of a multicultural society for TESOL teaching; examines the sociocultural basis of language and the implications for language methodologies; explores appropriate language pedagogy relevant to the field of TESOL; examines ways of promoting a positive learning environment for the language development of the bilingual/multilingual student; examines assessment techniques for spoken and written language; examines the effectiveness of a language teaching program within the school context; and explores language for learning across the key learning areas.

024411 English Study 1: Shapes and Patterns in Literary Narrative from Sendak to Shakespeare

6cp; 3hpw Undergraduate

This one-semester subject introduces the concept of literature as a continuum which includes the fairy tales of the Brothers Grimm and the novels of the Bronte sisters, the children's stories of Maurice Sendak and the plays of William Shakespeare. It develops and encourages theoretical understandings of literary concepts, of narrative, and of narrative and character patterns and archetypes. A wide range of children's books and other literary texts is studied, with particular reference to the prescribed texts. Students are expected to develop and demonstrate an understanding of a range of literary concepts and research skills in the fields of literature and literary theory.

024412 English Study 2: Images of Australia, the Place and the People - Literary Representations in Prose, Poetry and Drama

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject introduces a broad study of Australian literature within a context of the literature of place. There are considerations of such concepts as Australia as an alien place, as the place of 'exiles at home'; the bush mystique and the dream of paradise; Aboriginal and multicultural Australia; literary representations of the Australian male ('mates' and the 'dinkum Aussie') and female (a crisis of identity for 'the drover's wife'); mindscape and landscape; and the notion of a 'subjective Australia'. Prose, poetry and drama are studied. A wide range of material is discussed, but there is particular reference to the selected texts. Students are expected to develop and demonstrate an understanding of a range of literary concepts and research skills in the fields of literature and literary theory.

024413 English Study 3: The Literature of Protest

6cp; 3hpw Undergraduate

This one-semester subject introduces considerations of literature not just as art but as agency. The voices of writers have not only changed old worlds, they have shaped new worlds. This course focuses on such changes. Texts as diverse as Hard Times (Dickens) and One Flew over the Cuckoo's Nest (Kesey) are studied, as are the Romantic poets, T. S. Eliot, George Orwell and Aleksandr Solzhenitsyn. Two Shakespearian plays are also studied within a framework of Elizabethan concepts of world order. A wide range of material is discussed, but there is particular reference to the selected texts. Students are expected to develop and demonstrate an understanding of a range of literary concepts and research skills in the fields of literature and literary theory.

024414 English Study 4: Cultural and Textual Crosscurrents

6ср

Undergraduate

This subject focuses on two different types of appropriation. First, it studies the appropriation of English by the indigenous populations of post-colonial countries, as the chosen language of their unique cultural voice. Secondly, it studies the appropriation of texts of the literary 'canon' by moviemakers as they 'take over' and rewrite literature texts for the screen. Several texts are studied and comparisons are made between the original texts and cinematic versions of, for example, Shakespeare's plays and the novels of Jane Austen. How these different versions reflect on the original is explored. A wide range of material is discussed, but there is particular reference to the selected texts. Students are expected to develop and demonstrate an understanding of a range of literary concepts and research skills in the fields of literature and literary theory.

024421 Children's Theatre and the Creative Arts 1: Overview of World Theatre, Production Roles, Script Writing

6cp; 2hpw Undergraduate

This subject introduces knowledge and understanding of drama in an historical and cultural context with a focus on its practical and multidisciplinary nature and includes the study of the roles of a production process, as well as scriptwriting and adaptation. Emphasis is given to scriptwriting, story adaptation, and play building productions for young people.

024422 Children's Theatre and Creative Arts Study 2: Acting and Performing Skills - Genres for Children

6cp; 3hpw

Undergraduate

This one-semester subject introduces the student to the acting techniques and skills required to perform for children at different stages of development – developing imagination, audibility, voice production, concentration and an awareness of the skills involved in interpreting a role and developing a character.

024423 Children's Theatre and Creative Arts Study 3: Production and Direction

6cp; 3hpw; availability: exchange and study abroad students with faculty approval

Undergraduate

This one-semester subject develops understanding about the roles of the producer and the director in the performance process. Other creative arts skills are also developed as students explore the use of lighting, scenery and costuming for performance. A cross-discipline approach is utilised and the notion of theatre as collaboration is highlighted.

024424 Children's Theatre and Creative Arts 4: Staging Performances

6ср

Undergraduate

This subject focuses on working towards and presenting a performance for children. The performance may include the multidisciplinary skills of dance and music and partially involves the children in the performance so that they are able to have a total theatre experience. The performance brings together the students' acting skills, knowledge of theatre forms and expertise in stage management, lighting, scenery and costuming.

024705 Children's Literature and Multi-literacies: Teaching Critical, Cultural, Visual and Digital Literacies through Childrens Books

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject develops advanced understanding of children's literature texts and of creative and innovative ways to present these texts in a classroom. It explores the historical sources of children's literature, and makes special reference to the development of Australian children's literature. A wide range of material is discussed, but there is particular reference to the selected texts. Students are expected to develop and demonstrate an understanding of a range of literary concepts and research skills in the fields of literature and literary theory.

024713 Teaching English to International Students

6ср

Undergraduate

This subject develops students' understanding of the learning of a second language. It examines a range of practices for teaching English to speakers of other languages and raises awareness of cultural and linguistic diversity. This subject is compulsory for all students undertaking an international practicum program. In Autumn semester, the subject is offered only to students accepted into an international practicum program in Thailand, China or Samoa. In Spring semester, the subject is available to any students with an interest in teaching English to international students. It is assessed on a pass/fail basis.

024913 Literary Theory

6cp

Postgraduate

This subject considers literary and cultural theory particularly in relation to its emerging applications in the fields of education and educational research. It outlines the major historical movements, from Plato and Aristotle to post-modernism, and introduces such topics as the idea of the characteristic, subjectivity, focalisation, metaphor, the influence of nineteenth century social theory, feminism and gender studies, historicism and new historicism, postcolonialism, and ideology. It refers, as appropriate, to the work of Marx, Foucault, Barthes, Lacan, Deleuze, Bourdieu, Baudrillard, Bakhtin, Gadamer, Habermas, Kristeva, Derrida, Butler, Chodorow, Said, Spivak, Eagleton, and others.

026411 Music Study 1

6ср

Undergraduate

This subject comprises aural musicianship in the areas of melodic dictation, rhythmic dictation, chord identification and playing back melodies on keyboard; an overview of western music; the use of information technology in music; and selecting choral music, performing in a choir and conducting a choir.

026412 Music Study 2

6cp

Undergraduate

This subject comprises aural musicianship in the area of sight singing; focusing on renaissance and baroque music; arranging music for small ensembles using computer software; and developing music lessons for the primary school.

026702 Music and Society

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject develops an awareness that music is both a reflection and a product of the society from which it comes. Music genres and traditions from a variety of musical cultures are studied. Music technology is used to create compositions in the style of each culture. Dances, songs and instrumental ensemble works are also explored.

027411 PDHPE Study 1: Theory and Practice of Personal Development Health and Physical Education and Support

6ср

Undergraduate

This subject is designed to provide students with an opportunity to consolidate their learning about integrating PDHPE and its relation to school sport. It focuses on school students' health and physical activity needs and developing their knowledge and movement skills. It also considers safety implications for teaching.

027412 Personal Development Health and Physical Education: Teachers and Physical Activity

6cp; availability: exchange and study abroad students with faculty approval

Undergraduate

This subject is designed to elaborate school students' physical activity needs and fundamental movement skills. It is geared towards developing best practice for lifelong learning about the health habits of physical activity. Special emphasis is given to fitness principles, games skills, competitions and carnivals.

028222 Society, Science, Technology and the Environment

6cp

Undergraduate

This subject studies how science, technology, environment and society interact and dynamically influence each other in ways that impact upon our past, present and future. To understand many events, experiences, problems and issues in our world we need to draw on a range of disciplines. This subject uses themes and issues to explore key ideas relevant to science, technology, society and environment. These are integrated with practical, creative and cultural contexts as

students research theories and perspectives that contribute to our understanding of learning and teaching in authentic contexts. This subject addresses teaching and learning through integration of the human society and its environment and the science and technology syllabuses.

028412 Science and Technology Study 2: Science and Technology in Daily Life

6cp; 3hpw Undergraduate

This subject is designed to provide students with a sound knowledge base from which to draw, as well as a working understanding of the processes and skills of science and technology. It looks specifically at the workings of everyday items and processes, and emphasises Australian scientific endeavour. The emphasis is on broadening and extending understanding in science and technology through an integrated approach which removes disciplinary boundaries.

028413 Science and Technology Study 3: Issues in Science, Technology and Society

6cp; 3hpw Undergraduate

This subject aims to develop ideas about the nature of science and technology and its impact on society. Students investigate issues embedded in a range of contexts – social, cultural, political, historical and economic. Ethical considerations are raised in order to present a reasoned and informed understanding of the issues. Students acquire knowledge and appreciation of the contribution made to the field of science and technology in Australia and in other cultures. A range of indigenous and appropriate technologies is also studied. Students have opportunities to investigate areas of personal interest as part of the assessment criteria. As prospective primary teachers, students are able to select appropriate strategies for the students in their care based on an informed understanding of issues relating to science, technology and society.

028414 Science and Technology Study 4: Planet Earth

6ср

Undergraduate

This subject develops an overall view of the structure and systems of planet Earth incorporating information gained from all science disciplines. Students study interrelationships between biological and physical systems, a range of environments with particular emphasis on the Australian environment and investigate global issues relating to responsible environmental management. Students have opportunities to investigate areas of personal interest as part of the assessment criteria. As prospective primary teachers, students are able to select appropriate strategies for the students in their care based on an informed understanding of issues relating to this planet.

029410 International Study

24ср

Undergraduate

This subject is designed to enhance students' cultural awareness and understanding through first-hand experience of living and studying in a non-English-speaking culture. It provides students with the opportunity to spend one semester at an overseas university studying the language and culture of the host country and participating in education subjects which are taught in the English language. Students visit schools in the host country, as well as undertake excursions to places of cultural and historical significance. The number of places available in this subject is determined by the number of overseas students wishing to spend an equivalent semester on exchange studying at UTS. If there are more applications for the International major than there are places available, a ballot is held to allocate places. Students undertaking the international major are responsible for meeting their own travel and living expenses for the semester abroad. Normal HECS arrangements apply but there are no extra tuition fees. Host institutions include Jonkoping University in Sweden and Haagse Hoogeschool in the Netherlands. The international major takes place in semester 5 of the Bachelor of Education program.

11204 Integrated Services

6ср

Undergraduate

This subject aims to develop students' understanding of energy, water, air, fire, transport, security and communications systems in urban and building environments. The subject seeks to equip students with the ability to integrate these engineering systems into architectural projects to enhance their performance and adaptability. The subject covers the fundamentals of power infrastructure and electrical services, water infrastructure and hydraulics, air quality and HVAC systems, fire services engineering, urban transport infrastructure and building vertical transport, security and communication systems. Multidisciplinary teamwork and strategies for integrating engineering systems in building and architectural projects is also discussed.

Typical availability

Spring semester, City campus

11205 Architecture Culture and Environment

6ср

Undergraduate

This subject is a foundational introduction to the ways in which architecture is influenced by both culture and environment. It is designed to synthesise and combine an introductory level of architectural history and theory with a variety of cultural and environmental concepts, and to critically examine boundaries between these by highlighting shifts, differences and commonalities. The subject focuses on architecture's response to climate, construction traditions and available resources, as well as the role of social and cultural developments in architecture. It aims to foster an awareness of issues of cultural and environmental values. It also addresses value systems and ethical positions as they relate and influence ecological impact and environmental design.

Typical availability

Autumn semester, City campus

11206 Introduction to Construction and Structural Synthesis

6ср

Undergraduate

This subject consists of an introduction to the principles involved in the integration of structure, construction, and material performance in architecture. This is undertaken by studying and analysing historical and contemporary precedents, where the performance of materials and their contribution to the stability and structural integrity of elements and systems design within the built object are clearly demonstrated. Students are further expected to demonstrate these principles by integrating the knowledge gained of materials, structure and building fabric in project-based design exercises, primarily involving single cell buildings.

Typical availability

Spring semester, City campus

11207 Architectural Design and Construction

6ср

Undergraduate

This subject provides students with a holistic view of the design and construction process through the development of a hands-on construction activity. Students from different discipline areas work together in multidisciplinary teams to manage the processes of designing, planning, engineering, fabricating and documenting a construction project.

Typical availability

Autumn semester, City campus

11208 Architectural Design: Architectural Communications 2

6ср

Undergraduate

The ability to develop and give an account of any architectural proposition relies on the thoughtful and strategic deployment of a range of representational types. This subject aims to develop the necessary knowledge and skills required in the production of these forms of representation together with the capacity to align their usage to appropriate communicative applications. Consequently, the subject introduces students to a range of techniques aimed at developing an understanding of representation as a formally generative, illustrative, observational and analytical tool. The subject also focuses on compositional issues concerned with the assemblage of images and, where appropriate, text. Students explore the use of these representation modes, in both two- and three-dimensional forms, through a range of manual and digital tools. This subject is a corequisite to the first-year, second semester design subject and together they are to be understood as integrated subjects. As such, content and assessment tasks are aligned, though not necessarily identical to design.

Typical availability

Spring semester, City campus

11209 Architectural Design: Making

6ср

Undergraduate

This subject introduces students to the design potentials of diverse structural, material and organisational approaches in architecture. A constraint-based process is used to inform a series of both two-dimensional and three-dimensional exercises. Relationships between structure, materiality and performance in existing buildings are analysed and explored for new design potentials and formal outcomes. Fabrication techniques and representational processes are investigated at varying scales with an emphasis on making a wide range of material practices.

Typical availability

Spring semester, City campus

First-year experience videos

View commentary from students and academics about this first-year subject at:

- Student video: www.youtube.com/user/utschannel#p/u/17/ XumYfFSu -I
- Academic video: www.youtube.com/user/utschannel#p/u/28/ VMBhqEOvimk

11211 Architectural Design: Forming

6ср

Undergraduate

This subject introduces students to diverse sources of architectural concepts and forms, including those found in the history of architecture and from outside of architecture, for example, in nature, mathematics, the human body, art practice and everyday objects. These sources are considered in terms of their formal appearance, performance in different conditions, cultural and historical associations, and potential for inventive development and transformation. Techniques for making and evaluating compositions are introduced along with conceptual terms used in architecture such as abstraction, figure, hierarchy, order, etc. Processes for the development of initial formal proposals for site and program-specific conditions are explored through orthographic drawing, three-dimensional modelling using appropriate software, sketches and scale models.

Typical availability

Autumn semester, City campus

11212 Architectural History and Theory: Orientations

6ср

. Undergraduate

The subject introduces key themes in history and theory framed in terms of architectural examples from antiquity until the beginning of the nineteenth century. Themes may include ideas of architectural origins; theories and applications of geometry, composition,

proportion and order; relations between antiquity and subsequent architectural developments; the development and use of different forms of representation, including perspective; the architect as historical figure; the role and influence of architectural treatises; impacts of developments in scientific thinking; ideas that underpin the writing of architectural history; the historical development of architectural theory; and cultural encounters between East and West and their impact on architecture.

Typical availability

Autumn semester, City campus

11214 Architectural Design: Architectural Communications

6ср

Undergraduate

Students of architecture must acquire a set of skills that enable clear communication of architectural ideas. This subject has been designed to equip students with a range of basic tools that enable dissemination of their architectural thinking and propositions. It comprises four components:

- technical illustration an introduction to a variety of architectural projections and rendering techniques
- freehand illustrations students of architecture require a level of competency and ease in the production of quick, freehand sketches. Different techniques are covered in this component, delivered through a series of freehand drawing classes
- architectural computing the use of the computer is studied in this component as a tool to aid communication of design thinking
- architectural model-making introduces students to elementary
 physical model-making as a tool to aid design thinking and
 communication. Various techniques from the quick card study
 model to the professional presentation model are reviewed.

Typical availability

Autumn semester, City campus

11216 Architectural History and Theory: Modernity and Modernism

6ср

Undergraduate

The subject considers the relationship between the diverse practices of modernism in art and architecture, and theories of modernity as they bear upon and are challenged by these practices. The subject develops students' ability to read and understand key case studies from the nineteenth into the first half of the twentieth century. Themes considered may include industrialisation, impacts of technology, the modern concept of space, debates about style and ornament, ideas and practices of avant-gardism, utopianism and revolution, new social formations, abstraction, hygiene, and geo-politics, particularly the reception of modernism in Europe, North America and Australia.

Typical availability

Spring semester, City campus

11221 Architectural Design: Strategy

6ср

Requisite(s): 11211 Architectural Design: Forming AND 11215 Architectural Design: Making

Undergraduate

The strategic organisation of spaces to satisfy experiential ambitions, proposed use and urban context is the focus of this subject. Issues of horizontal and vertical circulation and movement, sequence, hierarchy and proximity are developed through section and plan drawings and models. Aspects of privacy, enclosure, permeability, sequence and transparency in regard to individual spaces within the organisation of spaces are considered.

Techniques for conveying and designing the experience of occupying and moving through space, as well as the temporal uses of different spaces, are developed. These may include diagrams, animated flythroughs and sketches. Design is explored as an iterative process through these techniques.

Typical availability

Autumn semester, City campus

11222 Architectural History and Theory: Critique

6ср

Undergraduate

The subject focuses on the rise of architectural theory after 1965 as a particular discipline with its own debates and forums of exchange. The subject builds on the previous history and theory subjects by considering how modernism has become the subject of critique. It also considers architecture in relation to wider strands of thinking that critique the practices and products of culture. Themes addressed may include criticism and critical thinking, disciplinarity, the nature and role of theory, the concept of position, postmodernity, deconstruction and literary theory, theories of the image and affect, gender and power relations, race, subjectivity, architecture and fashion, architecture and film, architecture and art, experimental architecture, architecture as critical object, ideology, politics and power, discourse, and framing.

Typical availability

Spring semester, City campus

11225 Thermal Design and Environmental Control

6ср

Undergraduate

The subject aims to further develop students' understanding of thermal comfort, building thermodynamics and natural ventilation, and provides an introduction to the principles of daylighting and sound control. The subject encompasses the basic principles, design strategies, as well as qualitative and quantitative evaluative methods and analytical techniques for environmental control. It seeks to equip students with the ability to apply their learning in the technical and design aspects of thermal and environmental control in the design of domestic scale architecture.

Typical availability

Spring semester, City campus

11227 Architectural Design: Performance

6cp

Requisite(s): (11211 Architectural Design: Forming AND (11215 Architectural Design: Making OR 11209 Architectural Design: Making))

Undergraduate

This subject introduces students to the concepts of building and architectural performance. Recognising that architectural projects are mediators of environmental variables, as well as contributors to environmental change, it asks students to examine the consequences of this in design. Students consider both qualitative and quantitative methods for assessing the environmental and social performance of architecture. Along with the techniques for using energy and material resources efficiently, the subject also considers other aspects of performance that might be addressed through concepts of interactivity, responsiveness and experiential design.

Typical availability

Spring semester, City campus

11231 Architectural Design: Field

6cp

Requisite(s): 11211 Architectural Design: Forming AND 11215 Architectural Design: Making AND 11221 Architectural Design: Strategy AND 11224 Architectural Design: Performance Undergraduate

This subject considers architecture as an intervention within the broader field of an urban or other landscape. Beyond the design of an object, the subject is concerned with relationships between buildings, and between buildings and the infrastructure and landscapes in which they are situated. At the same time, the subject asks students to account for the many competing interests in the design of any public or commercial building or space and to understand the field of negotiation in which the architect makes architectural proposals. Questions of architectural form making are raised in relationship to the interplay of representation and identity, the programmatic and structural organisation of buildings and their location within the urban field.

Typical availability

Autumn semester, City campus

11232 Lighting, Acoustics and Advanced Environmental Control

6cp

Requisite(s): 11225 Thermal Design and Environmental Control Undergraduate

The subject aims to deepen students' understanding of the principles of lighting acoustics and environmental control in the context of medium rise and complex architecture and seeks to equip students with the ability to design and modify the building fabric through analysis and evaluation to enhance the environmental performance of designed spaces. It encompasses advanced daylighting systems and the integration of electrical lighting, strategies for noise management, room acoustics, hybrid ventilation and mixed mode systems as well as an introduction to alternate and sustainable building energy systems. Qualitative and quantitative evaluative and analytical processes that inform such design decisions are explored in this subject.

Typical availability

Autumn semester, City campus

11233 Advanced Architectural Construction

6cr

Requisite(s): (11226 Architectural Design and Construction OR 11207 Architectural Design and Construction) AND (11217 Introduction to Construction and Structural Synthesis OR 11206 Introduction to Construction and Structural Synthesis) Undergraduate

This subject takes the form of a series of case studies demonstrating how the integration of construction systems as part of the design development has been achieved in a series of outstanding buildings of various scales. Methodologies and analytical tools to enable the performance criteria of the various elements and components making up the buildings' fabric are developed and assessed. Central issues involved in this assessment of fabric and environmental performance are life cycle and cost benefit analysis, which include issues of embedded energy, the fabric's overall impact on the building's operating energy budget and any marginal costs that may be associated with achieving an energy efficient built environment.

Typical availability

Autumn semester, City campus

11234 Architectural Design: Integration

6c

Requisite(s): 11211 Architectural Design: Forming AND 11215 Architectural Design: Making AND 11221 Architectural Design: Strategy AND 11224 Architectural Design: Performance Undergraduate

This subject develops skills in the integration of diverse aspects of building towards more resolved and coherent design proposals. The integration of, for example, construction and material choices, building performance, building services, planning, formal expression and urban context area developed. Techniques for development clear design strategies in response to complex briefs and ambitions are explored, including the use of diagrams, overlays and the presentation of alternatives. Through successive design iterations students learn the ability to control, test and manipulate heterogeneous and competing design parameters. The relevancy and clarity of the process of design development is considered as an integral part of the final outcome.

Typical availability

Spring semester, City campus

11235 Architecture and Urban Projects

6ср

Requisite(s): 11215 Architectural Design: Making AND 11211 Architectural Design: Forming AND 11214 Architectural Design: Architectural Communications Undergraduate

This subject is an introduction to the architecture of urban spaces, key civic buildings, the influence of topography, environmental and landscape themes, and the role of particular housing types in forming the city. It includes a survey of city plans across time and across cultures as well as an introduction to histories, theories and critiques of urban design, urban projects and urban architecture.

Typical availability

Spring semester, City campus

11247 Architectural History and Theory: Current Events and Debates

6ср

Undergraduate

The subject examines contemporary architecture in relation to events and debates through which architecture is presented to itself and the public. The subject draws on the historical and theoretical knowledge presented in previous subjects in order to understand and actively debate aspects of the discipline and practice that are in flux. The subject offers choices of topics where lecturers' own interests and research expertise form the basis of seminar-style teaching. As an example, a choice of topics may include architecture after 9/11, the digital and the post-digital, architects in recent feature documentaries and the rise of a sustainability agenda. Of necessity, topics change, being formulated according to current developments in architecture, and current research projects.

Typical availability

Spring semester, City campus

11248 Architectural History and Theory: Urbanism and the City

6ср

Undergraduate

The subject considers the development of the city in the context of modernity and modernisation. The subject builds on knowledge gained from previous history and theory subjects, and extends it with an understanding of the range of forces and processes that have shaped cities and their urbanisms. Particular cities are examined in relation to specific themes, which may include industrialisation and urbanisation, colonisation, production, consumption, labour and economic forces, governance, demographic mapping and change, political processes and urban development, theories of urban experience, institutions of public and private life, post- and ex-urbanism, the suburbs, and the city as the site of research and speculation for architecture.

Typical availability

Autumn semester, City campus

11272 Designing with Landscape Elements

6ср

Undergraduate

This elective explores how various landscape elements can contribute to the modification of urban climate. Specifically there is an examination of how these elements may contribute to the lessening of the urban heat island (uhi) effect that is generated by the built environment and its supporting infrastructure. This subject uses case studies to illustrate how, by using various combinations of vegetation and surfaces, these can be used to modify extremes of temperature, wind velocities and contribute to lowering the diurnal range of temperatures while at the same time showing in what ways this approach may be used to lessen the uhi effect and improve the general amenity of urban environments.

Typical availability

Spring semester, City campus

11282 Advanced Building Systems

6ср

Undergraduate

This elective explores the systems and component aspects of architecture and examines how industrialisation, materials and assembly lines have influenced the building professions and materials used in 19th- and 20th-century architecture. The subject examines how the development of new building types during and after the industrial revolution also influenced the evolution of various architectural theories. The subject specifically focuses on the architecture of Paxton's crystal palace, the case study houses, Buckminster Fuller, Team 4, as well as recent projects designed by Foster, Rogers, Piano, Murcutt and the like. There is also an investigation into the way in which the standardisation of components has impacted upon the production of everyday items like bicycles, the Citro'n 2cv and yachts. At the end of the semester students are able to produce detailed, analytical, three-dimensional drawings of a selected contemporary building.

Typical availability

Spring semester, City campus

11285 Advanced Modelmaking

6ср

Undergraduate

This subject extends students' basic modelling construction techniques and introduces them to different modelling techniques and media. It examines various ways of using models, across a range of scales, to highlight the model's conceptual, generative and illustrational value as evidenced through the various stages of the design process. Students explore a wide range of additive, reductive and casting modelling techniques, using diverse materials and, where appropriate, extend their existing knowledge of software to incorporate advanced digital fabrication technologies, including milling, rapid prototyping and laser cutting. The definition of model in this subject is broad and the curriculum may include the notion of the model in both its physical and digital forms, however, the emphasis is on the production of physical artefacts. As a consequence, students are expected to develop a material sensibility that demonstrates an understanding of the tactile, visual and structural potentials of any selected materials.

Typical availability

Autumn semester, City campus

11287 Islamic Architecture 630-1700

6cn

Undergraduate

What is Islamic architecture? This elective seeks to answer that question as it visits buildings designed for and by Muslims in Jerusalem, Damascus, Baghdad, Samarra, Cairo, Cordoba, Granada, Istanbul and Isfahan.

11291 Freehand Illustration

6ср

Undergraduate

This subject focuses on practical experience in freehand drawings and presentation. The classes focus on life drawing, experimentation with alternative rendering techniques and, finally, presentation layouts for the design and the rendering of these drawings. The intent is to develop the relationship between what we see and how we graphically present these images.

Typical availability

Spring semester, City campus

11294 Architectural Experience A

6ср

Undergraduate

This subject covers basic architectural experience including office skills, understanding and calculating wages and conditions of employment, planning work, managing correspondence including document transmittals, faxes, phones, emails, information organisation including filing, and performing simple domestic documentation.

Typical availability

Autumn semester, City campus Spring semester, City campus

11295 Architectural Experience B

6ср

Undergraduate

In this subject students individually study basic building construction overall, including vists to building sites, measurements, drafting (CAD or Manual) and perform complex domestic scale and nature documentation.

Typical availability

Autumn semester, City campus Spring semester, City campus

11296 Architectural Experience C

6ср

Undergraduate

This subject is concerned with detailed architectural experience, where students individually process, design and document a specific unique construction detail involving key sections of a specific individual building fabric and structure of a commercial nature and scale.

Typical availability

Autumn semester, City campus Spring semester, City campus

11297 Architectural Experience D

6ср

Undergraduate

This subject is concerned with complex architectural experience where students organise, manage and document a specific unique built project involving designed responses to client requirements of a commercial scale and nature.

Typical availability

Autumn semester, City campus Spring semester, City campus

11304 House and Housing

6cp

This subject is based around the analysis of the relationship between housing typology and the changing of the city, including the interrelationship between geography, layout, the landscape of public works, subdivision and housing types. It includes a survey of the changes to housing typologies and the city plan across time, analysis of urban and suburban housing types, a review and critique of histories and theories of urban design, urban history and the architecture of the city. It also comprises an introduction to the work of key architects and their contribution to the architecture of the housing and the city.

11307 Architecture Special Project

6cr

This subject requires students to demonstrate self-directed learning, in the pursuit of a project of their own choice, or one offered by the program. Advice from an academic supervisor assists students to select, refine and complete their particular project. The subject is only available to students who are capable of undertaking independent study, and students intending to take the subject must gain approval and agreement from an academic supervisor, and the program director, prior to enrolment. The number, nature and timing of the assessment items is normally negotiated between the supervisor and the student, and administered via learning contract. This flexible learning approach allows for students to examine an area of special interest in detail, and to independently explore beyond a basic level of understanding of the selected subject matter. Projects may respond to special conditions within the program, the faculty, the community, or contemporary architectural practice. The range of projects is limited only by the capacity of the program and the academic supervisor to provide appropriate support to the student and to facilitate optimum study conditions.

Typical availability

Autumn semester, City campus Spring semester, City campus Summer session, City campus Winter session, City campus

11308 Reading and Writing Architectural Criticism

6cp

This subject examines the theory and practice of architectural criticism, in Australia and internationally. It approaches this broad field in three ways. First, it examines fundamental philosophical questions of what criticism actually is, its role and function (in architecture and other disciplines), and the relationship between criticism and judgement, discernment, and discrimination, amongst other things. Second, the subject approaches architectural criticism as a rhetorical or writerly practice - through analyses of specific texts and the work of exemplary architectural critics, it identifies the different modes of writing employed in different forums and for different audiences, and the different subject positions taken by critics on various issues. In this way the subject also seeks to examine criticism critically – to read 'between the lines' of public criticism and probe the unspoken ideological positions and complicities held by critics, and also by the forums in which their work is disseminated. It notes the ways in which criticism is affected by its mode and method of presentation - in terms of its voice, vocabulary, projected audience, apparent level of objectivity and so on. Finally, the subject approaches architectural criticism in terms of its specific relationship with architectural practice, and questions the role that criticism plays in the profession, the academy, and in architectural culture more generally. In this way it opens a debate on whether architectural criticism does, and indeed whether it should, contribute to better buildings. The subject concentrates particularly on criticism published in architectural journals, but also touches upon the popular press, as well as film and television.

Typical availability

Spring semester, City campus

11309 Architecture, Cinema and Representation

6ср

This subject examines the way in which architecture and 'the architect' have been represented, and to a certain extent constructed, through the cinema. It uses examples from various periods of film history to examine some ways in which architects, architecture as a profession, and architecture (as building) itself, have been perceived, and also stereotyped. Making a critical reading of such cultural 'texts' can reveal much about what society wants to believe about architecture, whilst also demonstrating the (often vast) distance between this romanticised image of the architect, and who architects actually are and what they actually do. Similarly, the ways in which architecture and the city have been represented through film can be critically examined for what they conceal, as much as for what they reveal, about real and ideal conditions in the built environment.

11310 Critical Theory

6ср

This subject looks at the history of critical theory. Starting with the writings of Walter Benjamin, it goes on to examine central texts and topics presented and analysed by Bloch, Simmel and others. The final part of the course is an engagement with Adorno's aesthetic theory. Central topics in critical theory are analysed in detail, though emphasis is given to those elements directly concerned with design, art, architecture and aesthetics.

11311 Drawing to Diagrams: Topics in Architectural Theory

6cp

This subject presents an overview of central issues within architectural theory. The basic presupposition guiding the subject is that architecture is inextricably bound up with questions of representation.

In part, the history of architecture is the history of its 'self-representation'. As such, emphasis is given to the way elements of architecture – line, diagrams, walls, corners, etc. – are articulated within the history of architecture's continual attempt to conceptualise its own practice. Instead of understanding theory as the application of a discourse external to architecture, theory is understood in terms of the issues that arise from the practice of design.

11312 Modern Western Aesthetics

6cp

Modern Western Aesthetics introduces students to the principal aesthetic theories of the last hundred years, with the ultimate expectation that students are able to appreciate not just the principle philosophical bases and cultural ramifications, but also are capable of discriminating between competing aesthetic theories. Special attention is given to the theoretical applications and implications to architecture and design.

11313 Exploring Space 1: from Simple Beginnings to Baudrillard

6ср

Starting from the simple beginnings offered in a number of 'standard' architectural texts, and moving through a selection of different and more challenging readings, this subject explores the subject of space in relation to architecture, examining the variety of meanings and implications that attend the term 'space', investigating how space is constructed, both intellectually and physically, and explicating the effects of space over a range of situations.

A number of different – and often contradictory – perspectives on architectural space are examined; a number of non-architectural investigations of space are considered; and a number of specific issues pertaining to space – including the spatial organisation of society and the idea of 'social space', the commodification of space, post-modern constructs of space, and questions of spatial 'reality' – are explored. The subject concludes with a brief analysis of Baudrillard's ideas on simulacra, and with some 'last words' on space and architecture.

In parallel with the above, and with space as its vehicle, the subject also explores relations between architecture and its theoretical bases, and aims at the continued development in students of skills in reasoning, argument and critical thinking, and the exploration of the ways in which these skills may be applied to the analysis of architecture and design.

11314 Architectural Communications: Animation Software

6cp; intensive elective Postgraduate

The use of computer animation software is now firmly entrenched within contemporary digital design practice more for its formally generative, rather than illustrative, potential. This potential is linked to the software's unique capacity to parameterize geometric entities derived from b-splines, and so to test form as a product of variable vectors (magnitude and direction) acting over time.

The use of animation software differs from modelling software in two significant ways. First, it acts procedurally as the primary site in which to generate form. Second, its use of contemporary geometries provides a strong analogous framework in which to formally embed the effects of variable data sets. Consequently, the designer is able to explore form making within a paradigm of variation and change rather than one based on the appropriation of pure and static platonic form.

The subject aims to expose students to the unique design methodologies and techniques that result from this digital design paradigm. Specifically, students develop knowledge and skill in the exploitation of this software type to conceive, manipulate and image complex form.

Typical availability

Autumn semester, City campus Spring semester, City campus Summer session, City campus July session, City campus

11315 Architectural Communications: Modelling Software

6cp Elective Postgraduate

Computer modelling software is increasingly influencing the way design professionals think about generating form. The functionality of such software instigates a very specific type of design process that focuses on the manipulation of imported form, be they primitive geometries, appropriated real objects, two-dimensional images or diagrams.

This subject enables students to explore the unique architectural design processes opened by these types of softwares. The subject aims to both foster a competency in the usage of modelling softwares and cultivate an understanding of how to exploit this functionality to conceive and image formal outcomes.

Typical availability

Autumn semester, City campus Spring semester, City campus July session, City campus Summer session, City campus

11316 Architectural Communications: Advanced Modelling Software

6cp Elective

The computational capacity of digital technologies has led architects to explore increasingly complex forms and systems. This, in turn, has led to the development of associative parametric design software, which enables designers to concurrently generate and test complex form and relationships while resolving constructional and structural issues to an incredible degree of dimensional accuracy.

Building on a strong foundational base in the use of basic modelling software, this subject aims to introduce students to associative parametric design software, both as an aid to an iterative design process, a method of design exploration and a tool to resolve complex form through the testing and refinement of non-standard architectural systems.

Typical availability

Autumn semester, City campus Spring semester, City campus July session, City campus Summer session, City campus

11361 Special Project (Theory)

6ср

Students explore areas of interest related to the special projects content through a self-directed learning contract or, when offered, intensive studio mode. The areas for study within the special projects are theory, technology, communications, design and a field study with an overseas study visit. This flexible learning approach allows students to further examine these areas of study in greater detail, or to explore another issue relevant to the topic that has an application to their academic and career development. Projects that are offered may respond to special conditions within the community and/or faculty. The range of projects is limited to the capacity of the program and the academic supervisor to facilitate adequate study conditions and to offer support to the students. Enrolment in this subject is granted upon negotiation with the course director and students must demonstrate that they have a viable project, study plan and appropriate academic supervision. It is the responsibility of the head of school to appoint the academic supervisor.

Typical availability

Summer session, City campus

11362 Special Project (Technology)

6ср

Students explore areas of interest related to the special projects content through a self-directed learning contract or, when offered, intensive studio mode. The areas for study within the special projects are theory, technology, communications, design and a field study with an overseas study visit. This flexible learning approach allows students to further examine these areas of study in greater detail, or to explore another issue relevant to the topic that has an application to their academic and career development. Projects that are offered may respond to special conditions within the community and/or faculty. The range of projects is limited to the capacity of the program and the academic supervisor to facilitate adequate study conditions and to offer support to the students. Enrolment in this subject is granted upon negotiation with the course director and students must demonstrate that they have a viable project, study plan and appropriate academic supervision. It is the responsibility of the head of school to appoint the academic supervisor.

Typical availability

Summer session, City campus

11363 Special Project (Communications)

6ср

Students explore areas of interest related to the special projects content through a self-directed learning contract or, when offered, intensive studio mode. The areas for study within the special projects are theory, technology, communications, design and a field study with an overseas study visit. This flexible learning approach allows students to further examine these areas of study in greater detail, or to explore another issue relevant to the topic that has an application to their academic and career development. Projects that are offered may respond to special conditions within the community and/or faculty. The range of projects is limited to the capacity of the program and the academic supervisor to facilitate adequate study conditions and to offer support to the students. Enrolment in this subject is granted upon negotiation with the course director and students must demonstrate that they have a viable project, study plan and appropriate academic supervision. It is the responsibility of the head of school to appoint the academic supervisor.

Typical availability

Autumn semester, City campus Spring semester, City campus Summer session, City campus Winter session, City campus

11364 Special Project (Design)

6ср

Students explore areas of interest related to the special projects content through a self-directed learning contract or, when offered, intensive studio mode. The areas for study within the special projects are theory, technology, communications, design and a field study with an overseas study visit. This flexible learning approach allows students to further examine these areas of study in greater detail, or to explore another issue relevant to the topic that has an application to their academic and career development. Projects that are offered may respond to special conditions within the community and/or faculty. The range of projects is limited to the capacity of the program and the academic supervisor to facilitate adequate study conditions and to offer support to the students. Enrolment in this subject is granted upon negotiation with the course director and students must demonstrate that they have a viable project, study plan and appropriate academic supervision. It is the responsibility of the head of school to appoint the academic supervisor.

Typical availability

Autumn semester, City campus Spring semester, City campus Summer session, City campus Winter session, City campus

11365 Special Project (Offshore)

6ср

Students explore areas of interest related to the special projects content through a self-directed learning contract or, when offered, intensive studio mode. The areas for study within the special projects are theory, technology, communications, design and a field study with an overseas study visit. This flexible learning approach allows students to further examine these areas of study in greater detail, or to explore another issue relevant to the topic that has an application to their academic and career development. Projects that are offered may respond to special conditions within the community and/or faculty. The range of projects is limited to the capacity of the program and the academic supervisor to facilitate adequate study conditions and to offer support to the students. Enrolment in this subject is granted upon negotiation with the course director and students must demonstrate that they have a viable project, study plan and appropriate academic supervision. It is the responsibility of the head of school to appoint the academic supervisor.

Typical availability

Autumn semester, City campus Spring semester, City campus Winter session, City campus

11391 Research Methods, Information Retrieval and Project Proposal

12cp

Further information on this subject is available from UTS: Design, Architecture and Building.

11392 Honours Thesis: Preparatory

12cp

Further information on this subject is available from UTS: Design, Architecture and Building.

11393 Honours Thesis

24cp

Requisite(s): 11391 Research Methods, Information Retrieval and Project Proposal AND 11392 Honours Thesis: Preparatory

Further information on this subject is available from UTS: Design, Architecture and Building.

11400 Digital Theory

6cn

Postgraduate

This subject consists of an intensive study of the relationship between architectural theory and the realm of digital creation. It involves a group-based intensive study within a semester and examines specific topics within the theory of digital design. The subject investigates

issues including the relationship between the history of drawing and the development of computer-based design schemes, and the question of the relationship between the diagram as a computer generated series of lines and its subsequent connection to forms of material realisation. It also covers a theoretical account of central elements of the design course, namely the relationship between geometry and materials; the relationship between the digital and analogue models; and the conceptualisation of objects and artefacts as a surface condition. The digital has necessitated a rethinking of the terminology central to architecture, e.g. line, plane, surface.

Typical availability

Spring semester, City campus

11401 Digital Master Class A

6ср

Postgraduate

The focus of this subject is an intensive design workshop presented and curated by an invited guest architect. It offers students an opportunity to work with a highly regarded international or Australian practitioner, while examining specific digital design topics. In this subject, students investigate issues such as the relationship between geometry and materials, the relationship between the digital and analogue models, and the conceptualisation of objects and artefacts as a surface condition. Students are given the opportunity to review digital technologies and apply these to the analysis of the guest architect's work.

Typical availability

Spring semester, City campus

11402 Digital Architecture Project A

12cp

Postgraduate

This is a studio-based design subject that aims to critically explore the appropriation of digital techniques and technologies towards the creation of new architectures through design research and exploration. The subject establishes and reinforces the required core skills, and level of professionalism of the digital architecture course for new students, and serves to hone and extend skills for continuing students. Experimentation with computational processes and techniques for software and hardware that afford a new relationship to the built environment is an expectation, as is a level of design of the highest order. Students must demonstrate a high level of proficiency in design and computational techniques in order to pass this subject.

Typical availability

Spring semester, City campus

11403 Digital Master Class B

6ср

Postgraduate

The focus of this subject is an intensive design workshop presented and curated by an invited guest architect. It offers students an opportunity to work with a highly regarded international or Australian practitioner, while examining specific digital design topics. In this subject, students investigate issues such as the relationship between geometry and materials, the relationship between the digital and analogue models, and the conceptualisation of objects and artefacts as a surface condition. Students are given the opportunity to review digital technologies and apply these to the analysis of the guest architect's work.

11404 Digital Architecture Project B

12cp

Postgraduate

This subject aims to critically explore the appropriation of digital techniques and technologies towards the creation of new architectures through design research and exploration. The subject establishes and reinforces the required core skills, and level of professionalism of the digital architecture course for new students, and serves to hone and extend skills for continuing students. Experimentation with computational processes and techniques for software and hardware that afford a new relationship to the built environment is an expectation, as is a level of design of the highest order. Students must demonstrate a high level of proficiency in design and computational techniques in order to pass this subject.

11501 Architectural Practice: Advocacy

6ср

Postgraduate

This subject applies knowledge developed in the field of marketing and business studies to architecture in order to equip students for successful practice. The subject recognises that success in the industry is contingent not only on good design skills but on a range of other skills and services that includes the capacity to clearly articulate architectural ambitions to a range of audiences, and to achieve a public profile through diverse media. The impact of new media and techniques upon architectural practice is analysed and strategies for working with new and emerging media are tested. The subject also uses case studies to support and critically understand marketing theory and practices. Subject areas include entrepreneurship, research and development; strategy and marketing; copyright and moral rights as they apply to design; client and public relationships; new business development; decision-making and leadership; media and publishing; competitions and awards.

Typical availability

Spring semester, City campus

11502 Architectural Practice: Finance and Project Management

6ср

Postgraduate

This subject introduces the financial and project management issues arising out of practice and emphasises the role of negotiation and strategic planning. Financial management of projects is considered from the fee proposal or feasibility study through design development and documentation and to the establishment of contracts and on to the management of the building process. New forms of procurement and contracts are considered, alongside the strategic establishment of alliances with consultants, clients, developers and builders.

Typical availability

Autumn semester, City campus

11503 Architectural Practice: The Profession

6ср

Postgraduate

This subject addresses the role of the architect in history and the present, and explores trends indicative of potential roles and challenges for future architects. The formation of the profession and ideals of professionalism are investigated, as well as the process of professional regulation through registration, the RAIA, the AACA logbook and compulsory continuing education. The relationship between the design professions and the property industry is examined. This subject is also concerned with individual pathways and careers through employment within the architectural industry and with the management of practice. The subject addresses résumé writing and putting together a portfolio; traditional and emerging models of practice; office management; managing service businesses; personnel planning, recruitment and staff development; built environment leadership, leadership styles, managing teams across disciplines, internal communication; and power and politics in organisations.

Typical availability

Spring semester, City campus

11504 Architectural Practice: The City

6ср

Postgraduate

This subject establishes the theoretical, historical and social context in which cities are contested sites for development and preservation. Regulations governing change to fabric or use are mechanisms for managing competing stakeholders representing economic and social interests. They sit between urban theory and law and give formal expression to broader cultural beliefs about what makes a good city. This subject seeks to examine regulatory systems within the broader, and highly political, context of the city. The ways in which regulatory and political processes reflect ethical and aesthetic positions is addressed, as well as the opportunities and challenges for architects to act ethically within corporate culture. The relationship between the design professions and planning systems and governance bodies is explored through international and local case studies in lectures, tutorials and field studies. The subject specifically addresses

urban theory; regional and urban planning issues; planning policies and procedures; infrastructural planning; governance bodies and regulations – local councils, planning departments; managing community conflict; and the micro-economics of the property industry.

Typical availability

Autumn semester, City campus

11512 Architecture Competition Project

6cp; availability: approval from course director required to undertake the subject

Elective

Postgraduate

This subject gives students the opportunity to undertake a current external architectural competition chosen by the subject coordinator for its significance and suitability for design experimentation. The requirements of the competition brief, including all parameters of registration, presentation, content and submission, are to be satisfied while adhering to a collaborative working method that approximates the professional design studio. The working method for architectural competitions used in the subject includes the formation of a team, the identification of strengths and tasks within the team, the formulation of strategic design directions and the generation of ideas and a process for their selection for further development towards a coherent submission. The subject is only available to students who demonstrate the capacity to work at a high level of design performance in a collaborative setting.

Typical availability

Autumn semester Spring semester July session Summer session

11520 Spatial Research

6ср

Postgraduate

This subject aims to extend students' ability to analyse and understand the nature of space, and to develop forms of critical spatial research through the discipline of architecture and urbanism. Information sources from a broad range of fields are read through a range of specific architectural or urban agendas. The subject emphasises the importance of information retrieval, analysis and intellectual engagement with a range of issues pertaining to our understanding of space, and of understanding the nature of research and developing skills in the formulation of research questions that yield forms of spatial knowledge. The subject gives a coherent and directed introduction to the issue of space, and, via its research essay, aims to address the social, cultural, political, intellectual, and contextual issues relating space and an advanced spatial understanding to the contemporary metropolis as a field in which advanced architecture graduate designers are engaged. It also sets out to interrogate the relationship between the capacities of the discipline and the broader environment in which its skills are deployed. In so doing it introduces and develops techniques by which information about and interpretation of cities might be found and critically analysed such that the city is revealed in relation to a range of spatial issues.

Typical availability

Autumn semester, City campus

11521 Digital Theory

6ср

Postgraduate

The digital has necessitated a rethinking of the terminology central to architecture (e.g. line, plane, surface, structure, system,) and this subject equips students with an understanding of the territory of computational design through its theoretical vocabulary and relevant histories.

The subject consists of an intensive study of architectural theory and specific technical developments that have influenced the realm of digital creation in advanced architectural design since the 1950s. This subject investigates the theoretical and technical histories principally concerned with research in intelligence, information and complexity theory, material philosophy, and networks and how these have been translated into advanced digital systems in architectural practice. Other issues that are addressed through the above theme's include

the relationship between models or organisation and architectural space, material systems and the engagement with technologies of production, form generation and issues of form generally as a result of digital processes and conceptualisation, and the relationship between developments in the sciences and their import to architecture.

Students read both weekly readings and a series of books over the course of the semester, attend lectures and discuss the readings in seminar mode. Assessment is based on a short written review of a section of the weekly reading material, a short written review of a book and a critical essay.

Typical availability

Spring semester, City campus

11522 Master Class Urban Design

6ср

Postgraduate

This subject offers students an opportunity to work alongside a guest instructor of international standing, who has demonstrated both a high degree of recognised design excellence and a strongly articulated position in research and practice within the field. The subject focuses on an intensive design workshop presented and curated by the invited guest architect, urban designer or theorist. It offers students an opportunity to develop particular skills relevant to the research interests of the guest instructor(s). The subject involves both group based and individual study and is held in seminar and intensive mode examining topics and design responses within the wider area of urban design. Students explore a particular position on an aspect of urban design and develop the tools and understanding to apply a range of design techniques used by the guest instructor to creatively execute a focused design project or study. This subject investigates focused issues and processes of urban design directed towards a short study, prototype or design proposal. The subject also includes software training, research background, reading seminars and/or other tutorial based sessions as necessary, to prepare students for the intensive block teaching weeks.

Typical availability

Spring semester, City campus

11523 Master Class Design Technologies 1

6ср

Postgraduate

This subject offers students an opportunity to work alongside a guest instructor of international standing, who has demonstrated both a high degree of recognised design excellence and a strongly articulated position in research and practice within the field. The subject focuses on an intensive design workshop presented and curated by an invited guest architect, urban designer or theorist. The subject offers students an opportunity to develop particular skills relevant to the research interests of the guest instructor(s).

The subject involves both group based and individual study and is held in seminar and intensive mode examining topics and design responses within the wider area of design technology. Students explore a particular position on an aspect of design technology, and develop the tools and understanding to apply a range of design techniques used by the guest instructor to creatively execute a focused design project or study. The subject investigates focused issues and processes of urban design directed towards a short study, prototype or design proposal. The subject also includes software training, research background, reading seminars and/or other tutorial based sessions as necessary, to prepare students for the intensive block teaching weeks.

Typical availability

Autumn semester, City campus

11524 Master Class Design Technologies 2

6ср

Postgraduate

This subject offers students an opportunity to work alongside a guest instructor of international standing, who has demonstrated both a high degree of recognised design excellence and a strongly articulated position in research and practice within the field. The subject focuses on an intensive design workshop presented and curated by an invited guest architect, urban designer or theorist. It offers students an opportunity to develop particular skills relevant to the research interests of the guest instructor(s).

The subject involves both group based and individual study and is held in seminar and intensive mode examining topics and design responses within the wider area of design technology. Students explore a particular position on an aspect of design technology, and develop the tools and understanding to apply a range of design techniques used by the guest instructor to creatively execute a focused design project or study. This subject investigates focused issues and processes of urban design directed towards a short study, prototype or design proposal. The subject also includes software training, research background, reading seminars and/or other tutorial based sessions as necessary, to prepare students for the intensive block teaching weeks.

Typical availability

Spring semester, City campus

11525 Demonstration Project

12cp

Postgraduate

This subject concludes the Master of Advanced Architecture degree and is intended as an opportunity to critically respond to the challenges from the course through a negotiated research project. The project is formulated in consultation with external partners and is carried out by teams of students across the architecture degrees. The aim of the subject is to develop and profess a theoretical position, and to demonstrate its consequences through a concrete situation of public significance. Students demonstrate their capacity over the range of skills introduced throughout the degree, and work together in cross-disciplinary teams to defend their design research outcomes in a significant public forum for comment and review.

The research project must consolidate and extend learning in the area of urban design/design technologies and the themes considered throughout the degree. Students are responsible for identifying disciplinary specific research techniques, managing the research process and for publicly demonstrating the outcomes of their research project. Students table their research project brief at the end of the Spring semester, formulate a plan for project management and regular meetings with their advisers over the Summer session, leading toward presentation in the week prior to the commencement of the following Autumn semester.

Students are assessed on the creativity and legitimacy of their response to the negotiated project situation and their capacity to demonstrate the application of their learning to the practice context.

Typical availability

Summer session, City campus

11551 Masters Architectural Design Studio 1

12cp

Postgraduate

This subject aims to further architectural design skills through the integration of a specific research agenda that may be tested through project-based speculations. The research agenda comprises of a particular topic selected from a range of discipline areas including, but not limited to, computation and digital design in architecture and manufacturing, material and construction in architecture, environmental and performance based design in architecture, urban design, and activism and the role of the architect and design within critical cultural discourse. The subject also enhances a critical understanding of architecture as both a discipline with an existing body of knowledge and a set of practices that continuously challenge and add to that body of knowledge. The subject requires the testing of ideas and modes of practice in architectural design, and the production of design proposals that accurately and persuasively convey the most relevant ideas and practices. Masters Studio 1 is the first of four studio subjects required to complete the Master of Architecture degree.

Typical availability

Autumn semester, City campus Spring semester, City campus

11552 Masters Architectural Design Studio 2

12cp

Postgraduate

This subject aims to further architectural design skills through the integration of a specific research agenda that may be tested through project-based speculations. The research agenda comprises a particular topic selected from a range of discipline areas including, but not limited to, computation and digital design in architecture and manufacturing, material and construction in architecture, environmental and performance based design in architecture, urban design, and activism and the role of the architect and design within critical cultural discourse. The subject also enhances a critical understanding of architecture as both a discipline with an existing body of knowledge and a set of practices that continuously challenge and add to that body of knowledge. The subject requires the testing of ideas and modes of practice in architectural design, and the production of design proposals that accurately and persuasively convey the most relevant ideas and practices. This subject is the second of four studio subjects required to complete the Master of Architecture degree.

Typical availability

Autumn semester, City campus Spring semester, City campus

11553 Masters Architectural Design Studio 3

12cp

Postgraduate

This subject aims to further architectural design skills through the integration of a specific research agenda that may be tested through project-based speculations. The research agenda comprises a particular topic selected from a range of discipline areas including, but not limited to, computation and digital design in architecture and manufacturing, material and construction in architecture, environmental and performance based design in architecture, urban design, and activism and the role of the architect and design within critical cultural discourse. The subject also enhances a critical understanding of architecture as both a discipline with an existing body of knowledge and a set of practices that continuously challenge and add to that body of knowledge. The subject requires the testing of ideas and modes of practice in architectural design, and the production of design proposals that accurately and persuasively convey the most relevant ideas and practices. This subject is the third of four studio subjects required to complete the Master of Architecture degree.

Typical availability

Autumn semester, City campus Spring semester, City campus

11554 Masters Architectural Design Studio 4

12ср

Postgraduate

This subject aims to further architectural design skills through the integration of a specific research agenda that may be tested through project-based speculations. The research agenda comprises a particular topic selected from a range of discipline areas including, but not limited to, computation and digital design in architecture and manufacturing, material and construction in architecture, environmental and performance based design in architecture, urban design, and activism and the role of the architect and design within critical cultural discourse. The subject also enhances a critical understanding of architecture as both a discipline with an existing body of knowledge and a set of practices that continuously challenge and add to that body of knowledge. The subject requires the testing of ideas and modes of practice in architectural design, and the production of design proposals that accurately and persuasively convey the most relevant ideas and practices. This subject is the fourth of four studio subjects required to complete the Master of Architecture degree.

Typical availability

Autumn semester, City campus Spring semester, City campus

11555 Masters Architectural Design Thesis

12cp

Postgaduate

This subject aims to further architectural design skills through the integration of a specific research agenda of the student's own area of interest that may be tested through project-based speculations under the supervision of an advisory academic. The research agenda is developed by the student as part of a preceding special research project and may include topics such as, but not limited to, computation and digital design in architecture and manufacturing, material and construction in architecture, environmental and performance based design in architecture, urban design, and activism and the role of the architect and design within critical cultural discourse. The subject also develops a critical understanding of architecture as both a discipline with an existing body of knowledge and a set of practices that continuously challenge and add to that body of knowledge. The subject requires the testing of ideas and modes of practice in architectural design, and the production of design proposals that accurately and persuasively convey the most relevant ideas and practices. This subject is the fourth of four studio subjects required to complete the Master of Architecture degree.

Typical availability

Autumn semester, City campus Spring semester, City campus

12511 Building Technology and Regulation

6cp

Postgraduate

In this subject students undertake a critical examination of building structure, cladding and service systems for a range of building types. The subject covers the following topics: maintenance, life cycle costing and energy efficiency; purpose and application of building regulations; and interpretation of building documentation in the context of property development and management processes.

Typical availability

Spring semester, City campus

12515 Strategic Asset Management

6cp

Postgraduate

A strategic and responsible approach to management of property assets requires the ability to understand and respond to economic and social influences which affect the performance of property through a life cycle which begins with raw land and includes development, management and redevelopment. Marketing and effective property management techniques are examined in this subject as responses to changing economic and social forces in the strategic management of property assets.

Typical availability

Autumn semester, City campus Spring semester, City campus

12518 Property Transactions

6ср

Postgraduate

This subject looks at the following topics: the nature of the ownership of personal property including intellectual property; the nature of ownership of real property including the related concepts of title, leases, mortgages, conveyancing transactions, and options to purchase; an overview of the law of contract with emphasis on construction industry contracts and joint venture agreements; the law of negligence including liability for negligently given advice or certification, the operation of the statute of limitations; and the manner in which local government building, planning and subdivision approvals are given including the mechanisms for appeal to the Land and Environment Court.

Typical availability

Autumn semester, City campus Spring semester, City campus

12525 Property Analysis 1

6ср

Postgraduate

In this subject students study general accounting principles; capital budgeting techniques; discounted cash-flow analysis; risk analysis techniques; interest rate theory and discount rates; traditional and contemporary principles and methods of valuation, advanced capitalisation and other valuation methods; valuation of different classes of property; and sources of finance. A basic knowledge of a spreadsheet program such as Microsoft Excel is assumed. Students need to bring a financial calculator to class.

Typical availability

Autumn semester, City campus Spring semester, City campus Summer session, City campus

12535 Valuation Application

6ср

Requisite(s): 15142 Introduction to Property and Planning These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject is designed to foster a deep understanding of property valuation in the context of development site and investment property analysis, specialised property appraisals, property finance assessments and financial reporting outcomes. Students develop a strong theoretical and practical understanding of the established industry-based analysis from within which key decisions relating to property investment, development, financing structures and financial reporting outcomes are made.

Typical availability

Spring semester, City campus

13905 Thesis (Architecture)

Оср

Further information on this subject is available from UTS: Design, Architecture and Building.

Typical availability

Autumn semester, City campus Spring semester, City campus

13907 PhD Thesis: Architecture

Оср

Further information on this subject is available from UTS: Design, Architecture and Building.

14903 Thesis (Building)

Оср

Further information on this subject is available from UTS: Design, Architecture and Building.

Typical availability

Autumn semester, City campus Spring semester, City campus

15111 Planning Project Analysis

6cp

Postgraduate

This subject questions the rationale for urban planning and reviewing the need for, and arguments against, regulation. Students are introduced to the form of urban areas and theories of city structure and location as a factor in urban development. Basic frameworks, concepts and tools for analysing and understanding urban problems are investigated, including microeconomics, macroeconomics and urban sociology concepts, in order to develop an elementary comprehension of urban issues. The subject also develops students' abilities to effectively investigate, analyse and present planning data (written, graphic and oral). Exercises in exploring research methods and data sources for urban planning and management practice include land use and density mapping, data-gathering survey methods, geographic information systems, and skills in using journal and other library resources.

Typical availability

Autumn semester, City campus

15121 Urban Analysis

6cp

Postgraduate

The planning project is centred on a site which is sufficiently large and complex to raise questions of ownership, infrastructure, urban transport, environmental impact, social impact, heritage, regional implications, land use, built form, plan preparation, and development control. The four subjects which make up the project are intended to give students an experiential education in the process of planning, enabling concepts and information from knowledge areas to be integrated at each stage. Students work in groups of between four and eight, emulating planning practice where knowledge and ideas are put into practice, where experience is gained in the techniques and methods of planning, and where the skills of spatial analysis, problemsolving, design, organisation and communication are enhanced.

This first planning project subject requires the analysis of the chosen site, through the documentation of its physical characteristics and its social and environmental context. Students are required to perceive, identify, record, analyse and manipulate patterns and relationships. In addition, they provide a preliminary definition of planning problems, design a project brief and prepare consultancy contracts.

Typical availability

Autumn semester, City campus

15131 Planning Project Visioning

6ср

Postgraduate

This subject explores the management of the physical environment from the perspective of development impact, concentrating particularly upon ecology, hydrology, geomechanics and climate. By examining the management of these physical parameters, students are able to understand the complexity of environmental carrying capacity, evaluate resource risks and comprehend the application of sound principles of ecologically sustainable development in policy and practice scenarios.

Resource management, environmental law and key policy initiatives are investigated in order to build an understanding of how regulatory frameworks are responding to increasing physical pressures. The management of movement is introduced and considered in order to relate development scale and type to transport provision and, conversely, how and why transport constrains development; more generally, the relationship between transport and sustainable forms of development.

Typical availability

Spring semester, City campus

15141 Sustainable Development

6ср

Requisite(s): 15121 Urban Analysis

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This is the second subject in the planning project and requires student groups to produce a vision for the future development of the chosen site, incorporating alternative proposals that respond to some of Sydney's main planning problems. The vision should draw on the assessment of those problems identified in 15121 Planning Project Analysis, and on the sites physical and human site characteristics. The vision should result in a desired kind of place for the site, which may kindle the capacity for positive change. This exercise provides hands-on experience of a key phase of plan-making.

Typical availability

Spring semester, City campus

15142 Introduction to Property and Planning

6ср

Postgraduate

This subject provides an introduction to the nature of land, property and property markets, with a focus on the different property valuation methods and the property development process. The methods used for property valuations and preparation of valuation reports, cash flow

analysis and feasibility studies are covered, with the related concepts and issues found in property development analysis identified. The property development process and issues associated with obtaining a development approval within the planning framework are discussed.

Typical availability

Spring semester, City campus

15143 Group Project A: Urban Renewal

6cn

Requisite(s): 15142c Introduction to Property and Planning AND 15146c Sustainable Urban Development

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject introduces the practice of planning for large urban redevelopment sites. It involves the development by student groups of a masterplan and associated planning controls for a selected urban renewal site. Approaches to the planning of brownfields and related urban renewal master-planning are outlined. These are supplemented by case studies of urban renewal. Methods of evaluating alternative masterplans are also outlined.

Typical availability

Autumn semester, City campus Spring semester, City campus

15144 Group Project B: Greenfields Development

6cp

Postgraduate

This subject is a group and project-based subject designed to develop students' skills in planning larger scale urban developments, such as large scale subdivisions or new greenfields developments, involving environmental assessment, design of infrastructure and services, consideration of land use and density controls, etc. Students form into small groups, and develop a masterplan for a larger-scale urban development, including the design and assessment of alternative proposals for the site. Approaches to, and techniques for, the planning of urban expansion are taught including population and household forecasting, constraint mapping, land use zone allocation, urban facilities population thresholds, and street and road layouts.

15145 Development Negotiation

6ср

Postgraduate

This subject develops the communicative skills and understanding needed by planners in managing urban development. It provides an introduction to community participation techniques, negotiation skills and conflict resolution techniques. It develops understanding of the perspectives of developers and other stakeholders in urban development. It introduces the role of ethics in the way planners address development proposals and developer demands.

15146 Sustainable Urban Development

6ср

Postgraduate

This subject provides an introduction to the triple bottom line of environmental, economic and social sustainability in urban development, particularly in relation to ecologically sustainable development. The concepts of eco-footprints and assessment methods for sustainable building and precinct developments are discussed as benchmarks for evaluating sustainability performance. Physical constraints on development including landform, hydrology and ecology are introduced. The causes and urban effects of global warming are analysed. The nature of social and economic sustainability and sustainable urban development are covered, including rating tools for sustainable building and precinct developments, sustainable transport, water sensitive urban design, sustainable energy use, and sustainable practices in national and international case studies. The feasibility of alternative methods for evaluating sustainability strategies is discussed.

Typical availability

Autumn semester, City campus Spring semester, City Campus

15211 Planning Project Development Assessment

6cp

Requisite(s): 15141 Sustainable Development

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This is the third subject in the planning project and requires student groups to develop at least three land-use options for the site. Each of these options is evaluated on the basis of an analysis of feasibilities, an assessment of impact and an examination of costs and benefits. The aim is to compare and contrast the options and select the most suitable for development, which adequately incorporates elements of the vision developed in the previous stage of the planning project.

Typical availability

Autumn semester, City campus

15221 Urban Design and Management

6cr

Postgraduate

This subject provides a detailed exploration of the principles of the urban design process and best practice in the management of the urban environment. By examining past and present approaches to the management of both the design process and broader urban governance, students are able to gain both a competent perception and the ability to recognise and apply sound principles of urban design and governance. Emphasis is placed on how the form of the public realm responds to social, political, environmental and economic pressures. Particular attention is focused on the promotion and control of urban development and design via regulatory instruments, plans, codes, desired future character statements, policies, etc. The evaluation of development alternatives is considered through cost benefit analysis and the planning balance sheet.

The subject examines changing philosophies of urban management and governance, through the delivery of lectures in political theory and the structures of decision-making and how they have shaped planning and design practice, including the analyses of public participation and community politics.

Typical availability

Autumn semester, City campus

15222 Urban Design

6ср

Postgraduate

This subject provides an introduction to the theory and practice of urban design. It reviews key urban design movements and ideas through to transit-oriented development and new urbanism, and covers the principles of good urban design. It looks at the use of development control plans and other mechanisms to achieve good urban design. It emphasises the actual process of urban design using case studies and practical workshops.

15231 Planning Project Implementation

6ср

Requisite(s): 15211 Planning Project Development Assessment These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This is the fourth and final subject in the planning project and requires student groups to develop a planning solution to allow implementation of the chosen option of the site (selected in 15211 Planning Project Development Assessment). Students are required to produce an appropriate realisation plan, strategy or other 'vehicle' which sets out clear aims, objectives, policies and controls. This vehicle must elaborate the framework for the achievement of the vision and be presented in a professional format with recourse to a high degree of accuracy and legitimacy.

Typical availability

Spring semester, City campus

15241 Urban Economics and Finance

6ср

Postgraduate

The subject presents the basic microeconomic theory underpinning the development of overall urban structures and the operation of land markets within cities, and how this differs from standard models of 'perfect competition' and 'perfect information'. This enables students to appreciate the role of planning in minimising externalities, and in influencing the efficiency of infrastructure such as roads, rail, water supply, waste, power and communications, and social infrastructure including education, health and community services. It also provides an overview of options for financing urban infrastructure, including debt funding backed by taxation, developer contributions, and public-private partnerships. Case studies of alternative methods of funding infrastructure are included to illustrate the key principles involved.

Typical availability

Spring semester, City campus

15251 Spatial Analysis in Planning and Property

6cp

Requisite(s): 15142 Introduction to Property and Planning AND 15146 Sustainable Urban Development

This subject introduces students to using geographic information systems (GIS) for spatial analysis in property development and planning. Students develop the skills to use standard ArcGIS software to manage and manipulate spatial data, create multidimensional thematic maps, perform simple statistical and other analyses of spatial relationships, and present spatial information in a form relevant to policy, regulatory, and development decisions. The subject introduces demographic, economic, environmental, topographic, and other physical data, and enables students to learn how to use these various data types to solve site analysis, development feasibility, market analysis, master planning, and social and economic planning problems.

15301 Planning Theory and Decision Making

6ср

Requisite(s): 15241 Urban Economics and Finance AND 15142 Introduction to Property and Planning AND 15146 Sustainable Urban Development AND 17700 Planning and Environmental Law AND 15222 Urban Design

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject studies and analyses contemporary planning theory (including the notions of democracy, power, governance and neoliberalism) and advanced planning practice. It allows students to observe, perform and reflect on advanced techniques in the broad themes of ecologically sustainable development, community participation and economic development. Lectures explore the application of planning theory and contemporary planning approaches to: urban economic development, including the establishment of state-private sector partnerships and the fostering of industry clusters; collaborative planning, including efforts to empower people from minority cultures such as Indigenous Australians; planning as part of the overall urban management for environmentally and culturally sustainable development, and the operation of institutional frameworks; and planning for urban regeneration and urban consolidation.

Typical availability

Autumn semester, City campus

15302 Major Project: Methods

6cp

Requisite(s): 15121 Urban Analysis AND 15111 Planning Project Analysis AND 15141 Sustainable Development AND 15131 Planning Project Visioning AND 15211 Planning Project Development Assessment AND 15221 Urban Design and Management AND 15231 Planning Project Implementation AND 15241 Urban Economics and Finance

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject, together with 15303 Major Project: Analysis and 15304 Major Project: Outcomes, develops core skills that give students the ability to successfully complete rigorous and original planning problem-solving exercises. In this subject, students produce a literature review of their chosen planning problem, as the first of three parts of the major project (the other two parts are completed in Major Project: Analysis and Major Project: Outcomes). The literature review both identifies contemporary analyses relating to the problem, and places the problem into the context of wider planning issues. The literature review critiques contemporary planning practice relating to the problem, and thus develops students' ability to constructively reflect on the validity of current planning methods. Students develop an understanding of relevant research approaches and analytical techniques used in problem solving. The subject is undertaken primarily via self-direction, but students are carefully guided by their supervisor and meet on a regular basis for tutorials. The subject also incorporates seminar discussions.

Typical availability

Autumn semester, City campus Spring semester, City campus

15303 Major Project: Analysis

6ср

Requisite(s): 15302 Major Project: Methods

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject, together with 15302 Major Project: Methods and 15304 Major Project: Outcomes, develops core skills that give students the ability to successfully complete rigorous and original planning problem-solving exercises. In this subject, students produce an analysis of the causes and effects of their chosen planning problem, as the second of three parts of the major project (the other two parts are completed in Major Projects: Methods and Major Projects: Outcomes). Students produce a report which identifies the nature of the planning problem, the causes which give rise to this particular problem and the effects of the problem, in terms of the environmental, economic and sociocultural consequences. This allows students to evaluate the extent of the problem and the potential stakeholders involved in addressing the problem, and develops student abilities to reflectively assess the nature, causes and effects of urban planning problems from a holistic perspective that incorporates the physical environment, the economy and society. The subject is undertaken primarily via selfdirection, but students are carefully guided by their supervisor and meet on a regular basis for tutorials. Students attend a seminar, where they defend and debate their report findings and their implications for the next stage, the elucidation of practical solutions.

Typical availability

Autumn semester, City campus Spring semester, City campus

15304 Major Project: Outcomes

Requisite(s): 15303 Major Project: Analysis

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject, together with 15302 Major Project: Methods and 15303 Major Project: Analysis, develops core skills that give students the ability to successfully complete rigorous and original planning problem-solving exercises. In this subject, students produce a report describing a solution to their chosen planning problem, as the third of three parts of the major project (the other two parts are completed in Major Projects: Methods and Major Projects: Analysis). This report is the culmination of the major project. Students consider and interpret their findings from the previous two stages to provide the basis for a solution to the chosen problem. Students then develop and deliver a viable solution(s) to the problem in the form of a comprehensive report. This enhances students' abilities to develop their own considered responses to contemporary planning. The subject is undertaken primarily via self-instruction, but students are carefully guided by their supervisor and meet on a regular basis for tutorials. This provides an opportunity for the identification, presentation and discussion of creative solutions to planning problems.

Typical availability

Autumn semester, City campus Spring semester, City campus Summer session, City campus

15311 Managing Complex Projects

Requisite(s): 15315 Project Management Principles

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This is a scenario and problem-based subject delivered through an intensive workshop and supported by online learning materials. It integrates and applies knowledge and skills focusing on project integration, including initiation, planning, implementation, delivery and post-implementation review of a project within a changing and ambiguous organisational environment.

Typical availability

Autumn semester, City campus Spring semester, City campus

15312 Communication and Critical Thinking

Requisite(s): 15315c Project Management Principles

Postgraduate

This subject is delivered through a mixture of experiential learning, lectures and assignments. Topics covered include communications planning, critical questioning, argumentation analysis, use of narrative in projects, persuasion, presentation, reporting, documentation and collaborative work. Attention is given to developing a strategic approach to project conversations. Students gain practical experience in working with clients, sponsors and stakeholders.

Typical availability

Autumn semester, City campus Spring semester, City campus

15313 Project Procurement and Risk Management

Requisite(s): 15315c Project Management Principles Postgraduate

This subject provides an understanding of the procurement theory applied to managing a project and the associated risks. The areas of $contract \ law, statutory \ regulations, legal \ relationships \ and \ negligence$ are explored. The principles of managing risk on a project are covered through a review of the Australian Standard as it applies to a project environment. Students work in teams on a case study during the workshop and independently on other assessment tasks. This subject will not be offered after 2012.

Typical availability

Autumn semester, City campus Spring semester, City campus

15314 Project Implementation

Requisite(s): 15315 Project Management Principles

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject is the in-depth simulated implementation of a project, based on a complex real case study. Students work to deliver the project in teams, reacting to simulated project changes in client demands. This subject focuses on embedding and integrating standard project management capabilities that were introduced in the foundationallevel subject. Students work in teams to develop a business case during the block workshop and independently on specific tasks.

Typical availability

Autumn semester, City campus Spring semester, City campus

15315 Project Management Principles

Postgraduate

The theory of the nine project management knowledge areas are explored by students when applied to a real-life industry project. Emphasis is given to the project being delivered according to the five project management process groups to demonstrate the students' ability to initiate, plan, implement and deliver a project while monitoring and controlling. Students work in an interactive forum to present the team project and work independently on individual assessment tasks outside the block attendance workshop.

Typical availability

Autumn semester, City campus Spring semester, City campus

15316 Project Time, Cost and Quality Management

Requisite(s): 15315c Project Management Principles

Postgraduate

This subject explores the underpinning concepts necessary to understand and practise the core project management competencies of time, cost and quality management. Topics include activity definition and duration estimating, schedule development and control, resource planning, cost estimating, cost budgeting and control, and feasibility studies and quality planning, quality assurance and quality control. Students work independently on a range of assessment tasks during and after the block workshop and have the opportunity to attend an introductory scheduling software class.

15321 Workplace Ecology

Postgraduate

This subject gives an overview of design considerations that aim to provide a productive and healthy work environment. Issues include indoor air quality, ergonomics, noise and privacy, spatial planning, furniture layouts, designing for flexibility and mobility, and the impact of technology on the workplace. Case studies of successful interior design solutions are examined in detail.

Typical availability

Autumn semester, City campus

15322 Engineering Services and Systems

6cp

This subject examines engineering services used in contemporary facilities; heating, ventilations, air-conditioning, electrical, fire, communications, data and security systems; energy and maintenance implications, including operating performance and repair cycles for plant and equipment; computer-based management and control systems; and intelligent buildings and monitoring technologies.

Typical availability

Autumn semester, City campus

15323 Development Management

6ср

Postgraduate

This subject examines the economic and political framework within which development occurs, the phases of initial project development and the necessary technical tools to carry out a full feasibility study for a development proposal; planning, approval and financing considerations; and strategies to deliver value for money during the development phase.

Typical availability

Spring semester, City campus

15324 Facility Obsolescence

6ср

Postgraduate

This subject examines facility obsolescence, renewal, refurbishment and adaptive re-use; heritage implications and legislative constraints; the importance of change to organisational growth and continuity; effective change management; organisational churn; and future-proofing organisations through flexible space planning and technology provision.

Typical availability

Spring semester, City campus

15325 Value Management, Negotiation and Conflict Management

6ср

Requisite(s): 15315 Project Management Principles These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject develops students' skills in facilitating groups, negotiation and conflict management and mediation. Students are introduced to value management concepts and how these are applied to projects, culminating in applying what they have learnt at the workshop to a value management scenario. Students work on a series of scenarios in intensive workshop mode supported by online learning material for their individual work.

Typical availability

Autumn semester, City campus

15326 Project Management Practicum

6ср

Requisite(s): 15315 Project Management Principles These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject focuses on embedding students' learning from previous subjects in their real-world working lives. Students are required to manage a project outside their university environment. Students develop practice-based learning capabilities through reflecting on their progress applying project management theories to their real-world projects. Students attend regular lectures and share their experiences in supported discussion when presenting progress reports and through interaction in an online discussion forum. A reflective journal and final project management plan are submitted as evidence of the student's ability to apply theory in practice.

Typical availability

Autumn semester, City campus

15327 Managing Project Complexity

6cp; block

Requisite(s): 15315 Project Management Principles These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

There are also course requisites for this subject. See access conditions.

Postgraduate

This is a scenario and problem-based subject that is delivered through an intensive workshop. It explores sources of complexity in projects; how complexity manifests in projects; relevant theory informing management decisions; implications for managing risk,

schedule, budget; procurement; governance; capabilities needed for management of complex projects; and tools and methods for managing different kinds of complexity.

Typical availability

Autumn semester, City campus Spring semester, City campus

15330 Program Management

6ср

Requisite(s): 15315 Project Management Principles

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

Program management concerns the harmonised management of a number of projects and other transitional efforts to produce a strategic advantage for organisations. This subject aims to demonstrate how program management can help deliver strategies to realise benefits for an organisation and value for its stakeholders. The subject addresses the cyclic and agile nature of programs. It explains how strategic objectives and stakeholders' expectations are used to select and prioritise a number of interdependent actions based on their contribution to benefits and their achievability. Students are then shown how to allocate and prioritise resources between actions that have been selected to deliver new capabilities to the business. Program maturity, decision management, stakeholder engagement, governance, as well as the program architecture is also discussed. During the block workshop, students work in teams and independently analysing a real-life case study to demonstrate an understanding of program management principles.

Typical availability

Autumn semester, City campus

15331 Project Portfolio and Program Management

12cr

Requisite(s): 15315 Project Management Principles

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

Organisations that adopt projects as a means to achieving change and delivering results often find it difficult to prioritise projects and to make best use of their resources. Additionally, many recent surveys have demonstrated that project backlog is a major issue in Australia. Portfolio management is a management approach that aims to align project efforts with the corporate strategy and optimise the efficient use of resources throughout the organisation.

This subject focuses on two aspects of the management of portfolios: the selection and prioritisation of projects, based on contribution to organisational benefits and achievability; and the allocation and prioritising of resources between those projects that have been chosen so that they can deliver the expected benefits.

Typical availability

Autumn semester, City campus Spring semester, City campus

15332 Strategic Project Management

12cp

Requisite(s): 15315 Project Management Principles

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

conditions.

This subject examines managing complex projects (such as infrastructure, merger acquisition, strategic development and alliances) from the idea to the operation stage. Topics include presentation use of a meta-method for structuring, analysing, solving socioeconomic problems, and deciding under uncertain conditions. It uses both quantitative and qualitative approaches, systems thinking and system dynamics in project scenario modelling.

Typical availability

Autumn semester, City campus Spring semester, City campus

15333 Managing Organisations by Project

12cp

Requisite(s): 15315 Project Management Principles

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject explores organisational design, re-engineering, implementation and improvement strategies for organisations managing or willing to manage by using projects. Topics include organisation theory overview, competence management and building learning organisations, change management, knowledge management, information systems, and quality issues focusing on creation of value, continuous improvement and maturity models.

Typical availability

Autumn semester, City campus Spring semester, City campus

15334 Project Performance Assessment

12cp

Requisite(s): 15315 Project Management Principles

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject examines the concepts, methods and tools to conduct assessment and build practice improvement strategies and their customisation according to context. Topics include facilitation, evaluation and assessment competence, benchmarking methods, tools and processes, capturing lessons learnt and highlighting best practices, project taxonomy, project success and performance, information system support, developing communities of practice, and systemic intervention method and skills.

Typical availability

Autumn semester, City campus Spring semester, City campus

15336 Systems Thinking for Managers

6ср

Requisite(s): 15315 Project Management Principles

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

The subject introduces the concepts of systems to help address management problems. It examines both hard and soft systems thinking approaches to develop an understanding of the interrelationships between various elements of a project and the environment in which they are executed. It equips students with systems diagnosis, systems thinking and business modelling tools to analyse issues arising in projects and design ways to maintain internal stability within a project while increasing its adaptive capability, and to deal with factors affecting the project due to factors beyond its control in its external environment.

Typical availability

Autumn semester, City campus

15338 Realising Project Benefits

6ср

Requisite(s): 15315 Project Management Principles

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject addresses the realisation of value and benefits from projects and the interpretation of project outcomes. Within the context of program and project management, students explore and discuss how organisations transform project activity into measurable business benefits. Through participation in a live case simulation, students use a range of tools and methods to create a shared vision, map and analyse benefits and build a business case to be implemented through a program of projects. Students explore different approaches to managing project benefits through a practical workshop.

Typical availability

Autumn semester, City campus

15339 Project Performance Evaluation

6cp

Requisite(s): 15315 Project Management Principles

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

conditions.

Postgraduate

In this subject emphasis is placed on assessment of project performance from the perspectives of delivery of project key success factors and business benefits. Topics also include setting strategic objectives, information support systems and knowledge management in a project environment.

15341 Sustainable Development

12cp

Postgraduate

This subject examines issues affecting the interaction between economic development and environmental protection. It includes an understanding of the importance of ecologically sustainable development and the provision of strategic advice on the most effective use of resources over a project's life cycle. Advanced selection criteria and the measurement of sustainability are discussed in the context of political, legal, ecological and societal considerations.

Typical availability

Autumn semester, City campus

15342 Environmental Design

12cp

This subject examines the design and management of facilities in the context of environmental performance; low energy design solutions, renewable energy sources, energy measurement and conservation strategies, life-cost evaluation, occupancy costs, and asset management tools such as post-occupancy evaluation and environmental auditing aimed at effective facility operation; and embodied energy and recycling.

Typical availability

Spring semester, City campus

15343 Strategic Facility Planning

12cp

Postgraduate

This subject provides the economic evaluation and operation of existing facilities in the context of improved business performance and worker productivity; and an understanding of facility strategies, organisational responsibilities and structures and the appropriate decision-making tools that should be applied. Specific areas of focus include workplace ecology, needs analysis, space planning principles, computer-aided facility management solutions, outsourcing and risk analysis.

Typical availability

Autumn semester, City campus

15344 Facility Performance

12cp

Postgraduate

This subject examines the economics and management of facilities and support services using a whole-of-life approach; property maintenance, financial management, value identification and quality assessment; the impact of taxation on portfolio management, including asset depreciation; due diligence; environmental health and safety issues; and planned retrofitting, refurbishment, adaptive re-use and implications for business continuity.

Typical availability

Spring semester, City campus

15345 Minor Project

6cp

Requisite(s): 15303 Major Project: Analysis

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject requires students to analyse a planning problem and develop a viable solution(s). Students analyse the causes which give rise to this particular problem and the effects of the problem, in terms of environmental, economic and socio-cultural factors. They then develop a creative solution to the problem, drawing on existing literature as appropriate. The subject is undertaken primarily via self-direction, but students are carefully guided by their supervisor and meet on a regular basis for tutorials.

15346 Governance and Leadership of Project Management

6cp

Requisite(s): 15315 Project Management Principles These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

The subject aims to examine the concepts of project governance at three levels within the project-based organisation: the board, the context within which projects thrive, and the project. Governance in this context includes the governance of portfolios and programs. The subject introduces students to modern concepts of governance of project management. Leadership theories are reviewed and students are introduced to the competencies of project leadership required to support effective governance of project management.

Typical availability

Spring semester, City campus

15347 The Project Organisation: A new Organisational Model

6ср

Requisite(s): 15315 Project Management Principles These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject examines how an organisation can use a 'project approach' to generate value for its stakeholders in a rapidly changing and fast-moving economic context, while sustaining long-term competitive advantage. Students learn how organisations are increasingly using project, portfolio and program management, combined with project/program management offices (PMO) to manage their change activities. Such organisations are now commonly referred to as 'Project Organisation' (PO). Students are exposed to different organisational models and trends through real-life case studies, that demonstrate how an integrated and dynamic PO can be developed to sustain competitive advantage. In the block workshop, students work independently and through team activities to demonstrate an understanding of the PO concept.

Typical availability

Autumn semester, City campus Spring semester, City campus

15348 Commercial Management of Projects

6ср

Requisite(s): 15315 Project Management Principles These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

A scenario and problem-based subject delivered through an intensive workshop and supported by online learning materials. The subject focuses on the business aspects of Project Management. It is aimed at meeting the needs of managers in environments that require an emphasis on project financing and profit and loss margins. The subject includes a focus on organisational-level risk management, gateway and approval processes, and covers the different contracting structures required to address the needs of a variety of contexts.

15349 Integrated Project Delivery Management

6ср

Requisite(s): 15315 Project Management Principles

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Further information on this subject is available from UTS: Design, Architecture and Building.

15350 Professional Project Practice

6ср

Requisite(s): (15315 Project Management Principles AND (1 Spk(s) in C12% OR 1 Spk(s) in C42%))

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject focuses on the professional aspects of project management. It aims to develop an understanding of the importance of professional status through the formal acquisition of knowledge, standard practices and regulations. The subject includes a focus on the role of the project manager in this developing profession through self-regulation, codes of conduct, bodies of knowledge and competency standards. The subject sits within the advanced stream in the Master of Project Management and is of relevance to any students interested in developing their level of understanding and application of the professional practice of managing projects.

Typical availability

Spring semester, City campus

15356 Reflective Project Practice

6cr

Requisite(s): 15315 Project Management Principles

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject provides students with the tools and theories required to develop their reflective capability in a project context. Different methods are explored individually and in groups to make sense of the human and organisational factors that contribute to project success and/or failure. Students apply reflective practices to current and completed projects using specific frameworks to further develop their project management capabilities.

Typical availability

Spring semester, City campus

15456 Industry Project Studies A

12cp

Further information on this subject is available from UTS: Design, Architecture and Building.

Typical availability

Spring semester, City campus

15459 Project Management Methodologies

6ср

Requisite(s): 15315c Project Management Principles Postgraduate

A project management methodology is a documented process for management of projects that contains procedures, definitions and roles and responsibilities. This subject addresses the nature of project management methodologies and their use in organisations through a specific case study.

15460 Doctoral Thesis: Project Management

Оср

Postgraduate

This subject is the thesis component for students in the Doctor of Project Management course.

Typical availability

Autumn semester, City campus Spring semester, City campus

15461 Doctoral Thesis: Facility Management

Оср

Postgraduate

This subject is the thesis component for students in the Doctor of Facility Management course.

Typical availability

Autumn semester, City campus

15462 Introduction to Research

6cn

Requisite(s): 36 credit points of completed study in C04006 Master of Project Management

These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject develops research skills in Master of Project Management and Doctor of Project Management students and is delivered through online readings and activities. The subject introduces the academic research process to postgraduate students and equips them with knowledge about research strategies, research methodology and methods to prepare them to undertake postgraduate research for doctoral studies; or to undertake small research projects and submit research reports.

Typical availability

Autumn semester

Spring semester

15463 The Research Process

6cr

Requisite(s): 15462 Introduction to Research

Postgraduate

This subject enables Master of Project Management students to conduct a small scale research project and submit a research report for assessment/publication and enables Doctor of Project Management students to prepare a research proposal for their first assessment to confirm their candidature. The focus of this subject is on planning a research project, reviewing the relevant literature, identifying risks associated with ethical issues, justifying the research methodology, designing the research projects, analysing quantitative and qualitative data, and writing a comprehensive research proposal and/or a research report.

Typical availability

Autumn semester, City campus Spring semester, City campus

15464 Doctoral Thesis: Project Management

аэО

For subject description, contact UTS: Design, Architecture and Building.

15601 Planning for Bushfire Prone Areas

6cp; block

Postgraduate

This subject is designed to provide planning and development professionals, particularly those working in the local government arena, with the necessary skills and understanding to apply the relevant requirements of the Environmental Planning and Assessment Act 1979, Rural Fires Act 1997 and AS 3333959 (Buildings in Bushfire Prone Areas). Severe bushfires over recent years have again highlighted the importance of ensuring that development in bushfire prone areas is carefully planned and controlled to maximise safety. This has been given a high priority by the NSW Government through amendments to legislation and publication of a new guideline, Planning for Bushfire Protection. It is essential that professionals involved in this area have a thorough grasp of both the legislation and planning and design principles involved, as well as an understanding of related aspects of bushfire behaviour and management. This is required not only to produce quality outcomes but also to help protect local councils against claims of negligence in exercising their development control functions.

15602 Social Planning and Development

6ср

Requisite(s): 15604 Local Government Management Principles and Practice 1

Postgraduate

Effective social planning and development should be a key strategy by which councils exercise leadership. Under the NSW Department of Local Government's requirements for integrated planning and reporting, it is a central element of the new Community Strategic Plans. Councils are required to demonstrate their awareness and understanding of community needs and aspirations, and to build relevant initiatives into their corporate programs.

15603 Integrated Strategic Planning

6cn

Requisite(s): 15604 Local Government Management Principles and Practice 1

Postgraduate

This subject adopts a multidisciplinary approach that recognises the many different strands of strategic planning in modern local government. While strategic planning had its origins in plans for land use and development, councils must now prepare a wide range of strategies also covering environmental management, social and economic development, infrastructure provision and various aspects of regulation and service delivery. These need to be linked to statutory planning instruments as well as corporate plans and budgets. This subject reviews the principles and concepts underlying all strategic plans; examines the legislative and organisational frameworks within which strategic planning takes place; incorporates case studies of different types of strategic plans; and focuses on some of the ways in which plans may be implemented more effectively. In particular, the subject examines the case study of the NSW Department of Local Government's new proposal for 10-year community strategic plans and what this might mean in practical terms.

15604 Local Government Management Principles and Practice 1

6cp

This subject introduces the key principles, theories and pressures that affect management in a local government workplace. It develops an understanding of the background and origins of current local government management practice and explores some current literature relevant to public sector management.

15605 Local Government Management Principles and Practice 2

6cp; block

Requisite(s): 15604 Local Government Management Principles and Practice 1 OR 49460 Local Government Management Principles and Practice 1

This subject allows students to build upon the concepts, principles and theories that they learnt in 15604 Local Government Principles and Practices 1 and develop skills necessary to put them into practice. It requires students to take the knowledge learnt and embark on a series of actions in both the classroom and their workplace.

Students are required to negotiate and develop a series of actions that are valuable to both themselves and their organisation. The subject has a particular emphasis on the research and articulation of ideas and the use of discussion and debate as a tool for future learning.

15606 Vocational Competencies 1

6ср

This subject enables students to develop and undertake an individual program of vocational study in an area of professional competence that builds on their existing skills and previous studies.

15607 Vocational Competencies 2

6ср

This subject enables students to develop and undertake an individual program of workplace learning in a specialist area of professional competence that builds on their existing skills and previous studies.

15608 Corporate Management and Organisational Change

6cp; block (five-day intensive workshop either on or off campus) Requisite(s): 15604 Local Government Management Principles and Practice 1 OR 49460 Local Government Management Principles and Practice 1

This subject introduces the key legislative requirements for corporate and strategic planning in NSW local government. It builds on the organisational analysis carried out in foundation subjects and requires participants to examine more closely the planning processes that drive various aspects of the council. It requires students to develop a comprehensive knowledge of planning requirements and to clearly understand the interrelationships at play. It is a fundamental knowledge base for the understanding of better 'place management'. This subject is focused on achieving better outcomes through more effective strategic and corporate planning in local government. Its starting point is that councils need to match broadly based, outward-looking strategic planning for the whole of the local community and environment, with more rigorous and outcomes-focused corporate planning for their own operations. The subject highlights models and opportunities to integrate planning processes, strengthen links to budget and financial systems, enhance decision-making for implementation, and improve performance management.

15609 Local Environmental Management

6cp; block (five-day intensive workshop either on or off campus)
Requisite(s): 15604 Local Government Management Principles and
Practice 1 OR 49460 Local Government Management Principles and
Practice 1

This subject is focused on achieving better community outcomes through more effective integration of the principles and practices of ecologically sustainable development (ESD) into the day-to-day management of a council. This is a highly practical subject, strongly focused on how to achieve better results. It covers a wide range of processes and techniques that improve local government's performance in promoting sustainability and maximising quality environmental outcomes. This is particularly important at a time when both governments and communities have increasing concerns about these issues and higher expectations of local government's performance.

15610 Local Government Leadership: Personal and Professional Skills

6ср

In today's local government environment, leaders need to have more than just intellectual ability and technical know-how. They should also exhibit what is known as emotional intelligence. This is their ability to manage their emotions and those of others, their skill in inspiring performance in others and their ability to lead change, communicate effectively, and build and sustain work relationships.

This subject develops participants' understanding of the leadership issues facing managers in the local government environment. It then focuses on some core leadership capabilities and guides participants through the development of their personal action plan to enhance their leadership skills.

15611 Managing Local Enterprise

6cp

Requisite(s): (15604 Local Government Management Principles and Practice 1 OR 49460 Local Government Management Principles and Practice 1) AND (15605 Local Government Management Principles and Practice 2 OR 49461 Local Government Management Principles and Practice 2)

This subject involves an intensive research-based project. Content is discussed between the student and subject coordinator to best meet individual needs. Students are guided to select an appropriate topic and then carry out research from industry and academic resources.

15612 Building Regulation

6ср

Postgraduate

This is an introductory subject on interpreting and applying the regulatory requirements for dwellings (Class 1) and outbuildings (Class 10) as contained in the Building Code of Australia and the *Environmental Planning and Assessment Act* 1979.

15613 Development Control

6ср

Postgraduate

This subject deals with the basic building blocks of development control, ranging from the legal framework to planning instruments and policies, specific elements of the assessment process, and the workings of the Land and Environment Court. It is designed to complement experience at work and 'on the job' training for those relatively new to the field of development assessment. It provides essential knowledge and skills for effective professional practice, balancing planning law and policy with impact assessment and design factors.

15614 Advanced Development Assessment

6ср

Postgraduate

This subject has a strong practical focus and seeks to promote fresh thinking and improved techniques in development assessment in order to produce better development outcomes. It deals with key themes including interpreting and applying planning instruments; identifying and acting on key issues in assessment; precinct, site and environmental analysis; performance-based assessment and managing the assessment process. It is aimed at more experienced practitioners who see a need to broaden and refresh their practical skills, consider new ideas, and perhaps change their current approach.

15615 Advanced Building Regulation

6cp

Recommended studies: 49277 Building Regulation

Postgraduate

This subject deals with building regulation requirements and performance-based solutions for Class 2-9 buildings under the Building Code of Australia and NSW *Environmental Planning and Assessment Act*. It covers multiple dwellings, commercial and industrial buildings, and provides guidance on up-to-date theory and practice in assessment. Because the subject deals with more complex buildings and issues, students should have substantial experience in building regulation.

15616 Community Leadership Project

6cp; block

Requisite(s): 15618 New Perspectives in Local Government

Leadership Postgraduate

The Community Leadership Project (CLP) is a flexible, project-based subject that enables students to work with community groups to achieve real outcomes. The CLP is a semester-long subject where students work on a community-based project and receive full academic supervision. Students identify a community project and develop a work plan together with expected outcomes with the community group and teaching staff. Ongoing support is provided throughout the semester. The CLP offers students the opportunity to further their personal leadership skills through independent, self-directed learning and to use these skills to benefit the community. Students are also given the opportunityto work alongside other local leaders.

Typical availability

May session, City campus

15617 Team Building and Leadership

4cn

Requisite(s): 15618 New Perspectives in Local Government Leadership

This subject requires students to build and lead a team through a local government hypothetical scenario. Action learning is combined with workshop sessions, coaching and mentoring. Students are guided through a series of steps to build and form a team and they then take the team through a hypothetical local leadership challenge. This is followed by a de-brief, feedback and a critical reflection. This subject allows students to build and enhance their own leadership capabilities and also provide support and encouragement to others. Students keep a logbook throughout the subject and then write up a reflective analysis at the end of the subject.

15618 New Perspectives in Local Government Leadership

6ср

This subject introduces students to a range of perspectives on local government leadership. Drawing from the literature, key government and local government documents, as well as from relevant case studies, the subject explores local government leadership in both theory and practice. The subject covers topics such as civic leadership, public service, public value, ethics, integrity, social capital, leadership skills, innovation risk and due process. It involves workshops, readings, guest presenters and recorded interviews.

15619 Comparative Local Governance

6cp

Requisite(s): 15608 Corporate Management and Organisational Change

Further information on this subject is available from UTS: Design, Architecture and Building.

15621 Research Issues in Local Governance

6cc

Requisite(s): 15608 Corporate Management and Organisational Change

Further information on this subject is available from UTS: Design, Architecture and Building.

15622 Enhancing Local Government Service Delivery

6cn

Requisite(s): 15604 Local Government Management Principles and Practice 1

Further information on this subject is available from UTS: Design, Architecture and Building.

15903 Thesis (Quantity Surveying)

ao0

Further information on this subject is available from UTS: Design, Architecture and Building.

Typical availability

Autumn semester, City campus Spring semester, City campus

16072 Industry Economics

6ср

Requisite(s): 16125 Built Environment Economics

Undergraduate

This field of economics is concerned with the relationship between the strategic behaviour of firms and the industry and markets they compete in. The structure-conduct-performance framework is explored and related issues such as market power, entry and exit are discussed. The subject provides students with an understanding of how economists analyse industrial structure and firm conduct as well as a basic knowledge of how competition policy is used to promote competition and safeguard consumers' interests. Topics include game theory and firm strategies such as advertising, product differentiation and price discrimination. Issues in the economics of imperfect competition, such as barriers to entry, collusion, switching costs, market structure and regulation, are also covered, as are the impact of technology and the role of standards and network effects.

Typical availability

Spring semester, City campus

16074 International Construction

6ср

Undergraduate

This subject aims to introduce students to construction industry structure, practices and methods of construction adopted in various parts of the world. The subject covers current practices and future trends in various countries and international approaches to construction procurement, management practices and construction resource availability, requirement and usage. It also covers the impact of local economic, labour and technical parameters on construction management; staffing for international projects; and areas of competitive advantage in international construction.

Typical availability

Spring semester, City campus

16075 Sustainable Building Technology

6ср

Undergraduate

This subject aims at providing the student with the skills necessary to evaluate the embodied energy and energy efficiency of existing construction methods as well as introducing alternative and more energy efficient methods. It also covers the issues surrounding recycling of building materials and alternative energy sources and issues affecting the interaction between economic development and environmental protection. It includes an understanding of the importance of ecologically sustainable development and the provision of strategic advice on the most effective use of resources over a project's life cycle. Advanced selection criteria and the measurement of sustainability are discussed in the context of political, legal, ecological and societal considerations.

Typical availability

Autumn semester, City campus

16076 Building Assessment

6cp

Undergraduate

The subject aims to provide students with the skills necessary to assess the technical condition of new and existing buildings. Methods appropriate to each of the various building components (including services) are covered. The subject also covers the assessment of the technical condition of existing buildings and the impact of that condition on possible future use of the building, detailed knowledge of the construction methods used in the past and the likely deterioration with time that would be expected of the building elements.

Typical availability

Autumn semester, City campus

16077 Advanced Construction Technologies

6ср

Undergraduate

This elective subject examines the structure and performance of various building structures (such as space frames) which are not generally covered within the core part of the program. It also looks at innovative building systems and examines issues such as the performance of buildings under unusual loading conditions and in fires. The subject also considers the latest developments in construction technology both within Australia and overseas. Students are required to evaluate these techniques to identify their applicability to the local building industry.

16078 Fire Dynamics

6cr

Undergraduate

This subject covers basic fire engineering fundamentals – problem-focused and applied-learning techniques in the areas of fluid dynamics, mass transfer and heat transfer.

16079 Performance-based Certification

6ср

Undergraduate

This subject teaches students to assess and understand the intent of codes and regulations. It also covers regulatory making processes and drafting of building regulations, the Building Code of Australia, performance versus prescriptive provisions and alternative design solutions, case studies, the certification process, the certification of major buildings, specific fire design processes, and procedural requirements of the Fire Engineering Design Guidelines.

16080 Fire Safety Systems

6cp

Undergraduate

This subject covers in detail all the fire safety subsystems and terms of their contribution to life safety, property protection, contents protection, etc., regarding their criteria, performance, operation, maintenance and control; including case studies.

16081 Human Behaviour in Fire

6ср

Undergraduate

This subject looks at various issues to do with human behaviour in fire. Topics covered include occupant characteristics, cues, response, egress simulation and design, egress systems, wayfinding, tenability criteria, design methodologies and verification.

16082 Expert Witness

6ср

Undergraduate

This subject comprises experience at giving expert testimony. Topics include the purpose and role of an expert witness, the context within which expert testimony is delivered, rules of evidence and natural justice, examination and cross-examination and the law relating to consultants in the construction industry. Students research a particular area of dispute, prepare a written report and participate in a mock tribunal hearing.

16083 Evolution of Technology

6ср

Undergraduate

The focus of this subject is the exploration of the history of technology and the role of invention and design innovation in the process of economic growth and social development. An introduction to chaos theory and complexity and the evolution of technology brings together two of the most potent forces in our history for exploration and analysis. The subject evaluates technology in the modern context of the sciences of complexity. The dialectic between technology and evolution is considered.

16084 Construction Practice Project

6cp; 3hpw (workshop) and may include fieldwork. Undergraduate

In this subject students explore areas of interest related to the special projects content through a self-directed learning contract or, when offered, intensive workshop mode. The areas for study within the special projects are construction management theory, construction technology or case study. This flexible learning approach allows students to further examine these areas of study in greater detail, or to explore another issue relevant to the topic that has an application to their academic and career development. Projects that are offered may respond to special conditions within the community and/or faculty. The range of projects is limited to the capacity of the program and the academic supervisor to facilitate adequate study conditions and to offer support to the students. Enrolment in this subject is granted upon negotiation with the course director and students must demonstrate that they have a viable project, study plan and appropriate academic supervision.

Typical availability

Spring semester, City campus

16085 Building Control and Regulations

6ср

Undergraduate

This subject provides students with an understanding of the NSW building control system and the technical requirements of the Building Code of Australia.

16103 Materials Science

6ср

Undergraduate

This subject introduces students to the properties, behaviour and testing of construction materials and the principles of heat, light and sound as they apply to building design. Students explore the important link between ecologically sustainable design and construction material choice during the design process. This includes an examination of the durability and life-cycle of construction materials and the embodied energy and energy efficiency of various design options and construction methods.

Typical availability

Spring semester, City campus

16104 Preparatory Studies

6cp

Undergraduate

This subject helps students to develop professional communication and computing skills. It covers basic research methodologies including library skills, information gathering, written communication skills, and academic and essay/report writing. It also includes oral presentation skills, industry orientation and basic technical drawing skills

Typical availability

Autumn semester, City campus

16105 Cost Management 1: Measurement

6ср

Undergraduate

This subject examines the principles, procedures and practical application of construction quantities measurement. It commences with an overview of the importance of and the use and application of construction quantities. Students carry out a series of detailed exercises in construction quantities calculation, measurement and description utilising electronic CAD/BIM technology. The Australian Standard Method of Measurement of Building Works is used as the main measurement standard but students explore the differences in approaches to measurement for builders quantities, estimates, cost planning and other forms of quantities.

Typical availability

Spring semester, City campus

16106 Drawing and Surveying

6ср

Undergraduate

In this subject, detailed instruction is given in manual drafting and graphic skills and the reading of construction drawings. Students are introduced to CAD work using 2D CAD packages. In terms of surveying, the subject covers the process of setting out works; extractions of information from surveying drawings, levels and contours; the choice of setting out techniques; the use of tape, level, theodolite and optical plummets; the NSW land title systems and the powers of public authorities. Fieldwork involving the use of building surveying equipment is undertaken.

Typical availability

Spring semester, City campus

16107 Planning and Design Process

6ср

Undergraduate

This subject introduces students to the necessary skills and considerations for planning and design processes. It covers: design principles, building regulations, approvals processes (DA, BA), environmental impact of buildings, integrated design, contextual issues which relate to human impact on the environment including environmental impact statements; economic theories of land use including urbanisation; effects of controls; provision of services; rehabilitation and renewal; welfare provision; transportation; decentralisation; heritage considerations; environmental law and procedures; powers of environmental protection agencies; global warming and ozone depletion; international conservation issues; and policy strategies and initiatives.

Typical availability

Spring semester, City campus

16108 Introduction to Law

6ср

Undergraduate

This subject is an introduction to the legal system in Australia including sources of law, the court system and the legal personnel. It includes a detailed study of contract law and an outline of criminal law, civil law, industrial law, insurance law, dispute resolution, property law and the law of business associations.

Typical availability

Autumn semester, City campus

16109 Construction Technology 1

6ср

Undergraduate

This subject examines construction technology for single dwelling (Class 1A) residential buildings. Students are introduced to construction terminology and typical construction/design details and their components. The major elements in the residential construction process (site considerations, foundations, footings, floors, walls, roof framing and coverings, windows and doors, internal linings and joinery, cladding, finishes and landscaping) are examined in detail. Examples of alternate and innovative forms of construction are provided. Basic structural principles are explained throughout the subject and students are introduced to basic residential building services (hydraulics, electrical and fire protection systems). Students are also introduced to the main building regulations/codes governing residential construction, such as the Building Code of Australia and Australian Standards.

Typical availability

Autumn semester, City campus

16123 Introduction to Property

6ср

Undergraduate

Through the delivery of lectures, seminars and case studies, this subject gives an introduction to property studies. It introduces the various property professions, the property market, property investment analysis and the methodology and technical tools used for valuing real estate.

Typical availability

Autumn semester, City campus

16126 Appraisal and Statistics

6ср

Undergraduate

Appraisal and statistics provides students with the elementary tools needed in undertaking and analysing property-related mathematics and statistics. The mathematical component encompasses the business application of percentages, compound interest and annuities. The majority of the subject is focused on statistical concepts and applications.

Typical availability

Spring semester, City campus

16127 Building Technology

6ср

Undergraduate

This subject introduces students to the building and construction industry technology discipline with the focus on the property sector. The subject is divided broadly into two component parts. The first component acquaints the student with the nature of building construction by treating the building as a series of interconnected systems and components. The second component acquaints the student with the nature of multistorey, multi-occupancy residential construction, industrial, commercial and high-rise construction by treating the building as a series of interconnected systems and components.

Typical availability

Autumn semester, City campus Spring semester, City campus Winter session, City campus

16129 Forensic Trust Accounting

6ср

Requisite(s): 16124c Accounting and Business Management OR 16264c Accounting and Business Management

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject incorporates the assimilation of accounting and governance principles with an emphasis on trust accounting under the relevant statutory and regulatory requirements. Students develop trust accounting and bookkeeping skills and knowledge to accurately maintain the appropriate accounting records. Students are introduced to analytical and critical thinking skills with regards to fraud detection.

Typical availability

Spring semester, City campus

16137 Digital Built Environment

6ср

Core

Undergraduate

This subject provides students with an introduction to global digital technologies that are revolutionising society and business practices with a focus on leading edge digital technologies used in planning, designing and constructing the built environment. The key technologies addressed include geographical information systems (GIS), building information modelling (BIM) and spatial analysis. The use of these technologies to optimise project information flow and management are explored and key planning and project management software systems covered. Students are introduced to the concept of virtual projects and remote project management. The subject also addresses the main industry issues, challenges and opportunities related to the development and practical application of these digital technologies.

Typical availability

Autumn semester, City campus

First-year experience videos

View commentary from students and academics about this first-year subject at:

- Student video: www.youtube.com/watch?v=Zi34r4GYaFs
- Academic video: www.youtube.com/watch?v=orVXAFKULIA

16138 Site Establishment

6cn

Requisite(s): 16204 Construction Technology 2 OR 16265

Construction Technology 2

Undergraduate

This subject examines the technology and processes involved in construction site establishment and operation and site surveying. The changing nature of the site as construction evolves is also explored. The key issues surrounding site excavation are also explored and include maintaining faces of excavation, shoring, underpinning, piling and other sub-strata operations. The design and erection of temporary structures to support construction works during the course of a project are examined in detail. Students are introduced to site surveying including advanced set out and levelling skills, setting out using theodolites and a thorough background in all building marking out and location techniques. Safety requirements and legal liabilities form a thread through the whole subject.

Typical availability

Autumn semester

16203 Cost Management 2: Estimating

6cr

Requisite(s): 16105 Cost Management 1: Measurement Undergraduate

This subject examines estimating practices and techniques typically used by contractors. Construction measurement and pricing underpin the subject and includes breaking construction costs and quantities into labour, material, plant, sub-contract and indirect cost components.

The differences in quantity-related, time-related and fixed costs are explored. A series of tutorials and exercises in quantifying and pricing construction work items and activities are carried out by students. The subject then looks at more strategic estimating areas such as tender preparation, the use of builder's bills of quantities, obtaining and checking sub-contractor quotations, pricing preliminaries and determining margins for profit and overheads. Estimating software applications are utilised throughout the subject and students are exposed to leading edge practices that involve integrating construction cost estimating into building information modelling (BIM) systems.

Typical availability

Autumn semester, City campus

16205 Services 1

6ср

Undergraduate

This subject provides an introduction to electrical, airconditioning, vertical transportation, and fire protection services and systems, covering terminology, design and construction requirements. It also includes an introduction to intelligent buildings and an in-depth study of coordination, integration, installation and inspection of services, and safety and access requirements.

Typical availability

Spring semester, City campus

16206 Structures

6cp

Undergraduate

This subject examines the role of structural engineers and the structural knowledge that project managers require to effectively manage and supervise projects and to be able to interact with and manage structural engineers as part of the design team. This includes the development of an understanding of structural principles by introducing students to the loads acting on simple and complex structures and demonstrating how these loads are supported by structural members and transmitted to footings. Students are provided with an appreciation of the structural behaviour of common structural systems and temporary structures through the calculation of internal structural forces and moments. Students also develop an understanding of typical structural design documentation with a focus on structural drawing and specification details.

Typical availability

Autumn semester, City campus

16207 Cost Management 3: Cost Planning

6ср

Requisite(s): 16203 Cost Management 2: Estimating Undergraduate

This subject covers the principles and practices of construction economics involving project scope management, the establishment of project budgets, preliminary estimating, cost planning, cost modelling and elemental building cost analysis. The role of the cost planner in the project design team is investigated and the principle of designing to a cost' rather than 'costing a design' is emphasised. The differences between project price, cost and value are identified. Scope management is a critical part of the cost planning process and the principles and practices of project scope identification, management and control are examined in detail. The subject then examines long-term operational costs and environmental impact through the concepts of life-cost planning and multi-objective decision analysis. Cost planning exercises utilising cost data bases, historical building cost data, price indices and leading edge cost planning software are implemented to strengthen student understanding. The subject concludes with an overview of the integration of cost planning practices with building information modelling (BIM) systems.

Typical availability

Spring semester, City campus

16209 Building Science/Materials 2

6cp

Requisite(s): 16103 Materials Science

Undergraduate

This subject looks at advanced principles of heat, light and sound as they apply to building design. It examines in detail issues such as the embodied energy of materials and the life cycle of building materials as they relate to sustainable development. The subject also focuses on the material properties of concrete, soil and rocks and the testing thereof.

Typical availability

Spring semester, City campus

16212 Digital Design and Construction 1

6ср

. Undergraduate

This subject introduces students to 3D modelling, construction documentation and 3D model coordination. Students are provided with a foundation in 3D modelling principles and procedures. They progress to 3D construction modelling and 2D documentation, including basic level scheduling and estimating. Students develop an understanding of how to read and coordinate architectural, structural, and service design models and documents (plans and specifications), apply building codes, model a residential project using building information modelling (BIM) technologies, effectively produce electronic construction documentation, coordinate 3D model reviews, and undertake interference checking so as to identify construction problems and resolve conflicts. Skills are developed in BIM environments and the current issues surrounding these technologies are discussed.

Typical availability

Autumn semester, City campus

16231 Property Management

6cp

Through the delivery of lectures, seminars and case studies, this subject intensively examines the management of commercial property. It covers the various lease structures, the role of the property manager, including the enforcement of the lease conditions, the statutory requirements, and budgeting and forecasting.

Typical availability

Autumn semester, City campus

16232 Property and Political Economy

6ср

Undergraduate

This subject is designed to allow students to engage with and debate contemporary issues of property and the political economy. It offers an appreciation that the institution of property is a human construct, adapted to meet the changing needs of a particular society at a given moment in time. Taking a property-rights approach to the political economy, issues for current practice are examined including customary tenure, environmental concerns, land taxation, equity and intercultural contrasts.

Typical availability

Spring semester, City campus

16233 Urban Planning Process

6ср

Undergraduate

This subject focuses on the regulation of the land-development process by analysing the nature and necessity for planning. Students are introduced to the contemporary structure of the NSW planning system, enabling an understanding of the plan-making process and the power relations between the State, local consent authorities, the community, and agents of development. A key aim is to allow students to recognise the application of sound planning and design practice to the fields of residential and commercial development.

Note: Students should be aware that the statutory and regulatory regimes which govern planning in NSW are under continuous review. Changes are frequent. UTS endeavours to maintain currency of lecture material but occasionally some items may be obsolete.

Typical availability

Autumn semester, City campus Spring semester, City campus

16234 Valuation Methods

6ср

Undergraduate

This subject is an in-depth study of the role, functions and obligations of the valuation profession and the purposes of valuation. It covers the purposes of valuation and concepts of value and their use in the market place.

The methods of valuation covered include the direct comparsion, summation, capitalisation, hypothetical development and residual methods of valuation. It introduces financial theory and the application of the time cost of money.

Typical availability

Spring semester, City campus

16235 Urban Economics

6cp

Requisite(s): 16125 Built Environment Economics OR 16466 Built Environment Economics

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject engages with economics, demographics, geography, planning and political science within property and the built environment. It provides a basis for understanding the forces that shape urbanism, its form and structure and the factors which impact on its viability.

Typical availability

Autumn semester, City campus

16236 Property Cash Flow Analysis

6ср

Requisite(s): 16123 Introduction to Property OR 16136 Introduction to the Built Environment OR 16468 Introduction to the Built Environment

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject examines application and theory of cash flow analysis; discounted cash flow analysis with computer modelling; working capital management; forecasting and theory; various forms of risk analysis, including sensitivity and scenario analysis with computer skills; and forecasting and validity issues. It introduces forecasting approaches including regression, time series and chaos; validity of forecasting for future property variables in cash flow valuation.

Typical availability

Autumn semester, City campus

16237 Property Taxation

6ср

Requisite(s): [16123 Introduction to Property OR 16136 Introduction to the Built Environment OR 16468 Introduction to the Built Environment) AND (16124 Accounting and Business Management OR 16264 Accounting and Business Management)

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject analyses various forms of taxation relating to property holdings and property investment; income tax, capital gains tax, depreciation allowances, land tax, stamp duties and goods and services tax; taxation of trusts; negative gearing; and alternative forms of taxation and their likely impacts on the property industry.

Typical availability

Spring semester, City campus

16238 Research Methods

6cp

Undergraduate

This subject is designed to give students the skills to select and use appropriate procedures in research and project studies and to understand and manage the various facets of research projects. This subject provides students with the required skills to undertake a number of types of research studies.

Typical availability

Autumn semester, City campus

16257 Advanced Procurement Methods

6cr

Undergraduate

This subject examines the range of methods used when procuring built assets, with an emphasis on the innovative, non-traditional methods found on large, complex projects. The subject contrasts traditional procurement methods introduced in earlier subjects with collaborative procurement methods aimed at reducing the cost of construction and operation, achieving milestones, shortening duration, reducing claims, and improving constructability and innovation. Case studies of major projects are used to identify the issues found with project delivery systems that combine designers, builders, and suppliers into an integrated project team. Designing procurement systems to minimise the risk of collusion and corruption is discussed.

16258 Financing Construction Projects

6cr

Requisite(s): 16125 Built Environment Economics OR 16466 Built Environment Economics

Undergraduate

This subject examines in detail the various financing options for building and construction projects including joint ventures, private finance infrastructure initiatives, international collaborations and project finance options involving government guarantees, off-take agreements and producer payments. The subject gives students a deeper knowledge of project finance methods found in the property and construction industries, so graduates are better suited to industry practice, consistent with intended graduate attributes. The issues covered apply to the project finance techniques, requirements and processes found in construction finance and used for property developments.

16259 Honours Research 2

6ср

Requisite(s): 16661 Honours Research 1 OR 16262 Honours Research 1

Undergraduate

In this subject students develop an understanding of research methodologies. Workshops introduce the concept of research methodology and explore various approaches to answering research questions. Students are introduced to qualitative and quantitative methodologies, and develop an understanding of the advantages and disadvantages of each approach. Students work closely with supervisors to develop a research design and write the methodology section of their project. Research methodologies are presented and discussed in a workshop. Students either apply for ethics approval for their study, or present a detailed analysis of the validity and quality of the secondary data they will use in their study.

Typical availability

Autumn semester, City campus Spring semester, City campus

16260 Honours Research 3

6cr

Requisite(s): 16662 Honours Research 2 OR 16259 Honours

Research 2

Undergraduate

This subject involves the preparation and submission of an original journal-ready honours research article, which would normally be 5000-6000 words in length. The article must comprise the identification of a problem, a thorough literature review of the topic and development of a solution based on a selected research design. The submission should include comprehensive annotated appendices relating to data collection and analysis to support the findings in the article.

Typical availability

Spring semester, City campus

16261 Development Management

6cp

Requisite(s): 16231 Property Management

Undergraduate

This subject looks at aspects of the management of projects under development or undergoing major maintenance: client needs determination; procurement methods; design management including cost planning and buildability; and approvals management. It also covers the development of maintenance standards for and estimate of live components of buildings; maintenance budgets; and assessing the effects of design on maintenance and recording operating cycles of plant and equipment.

Typical availability

Autumn semester, City campus Spring semester, City campus

16262 Honours Research 1

6ср

Through workshops and individual supervisor meetings, this subject takes students through the process of choosing a topic area, developing a specific set of research questions, and completing a literature review to set the groundwork for investigating the research questions. Workshops focus on establishing a rationale for research, developing aims and objectives based on research questions, library search skills, how to structure a literature review, and how to develop an endnote library of sources.

Typical availability

Autumn semester, City campus

16263 Design Team Management

6ср

Undergraduate

This subject examines management of design teams within multidisciplinary, cross-functional projects. It discusses theoretical models of the design process (including the question of sustainable design) and the practical aspects of design management, including brief formulation and management, value analysis, design team structure, planning and coordination, communication between design professionals, contractual management, management information systems and knowledge management. The use of Building Information Modelling (BIM) and other digital technologies to optimise design team collaboration and performanace forms an integral thread through the subject. Core learning material is supplemented with case studies by specialist guest lecturers from various design disciplines.

Typical availability

Spring semester, City campus

16264 Accounting and Business Management

6ср

Undergraduate

This subject provides an introduction to accounting and business management principles and procedures with a focus on the financial structure and performance of construction/property entities. The subject incorporates the fundamental elements which drive a company from a financial perspective. Students learn how to interpret

and analyse financial reports including the statements of financial performance and financial position, budgets and cash flows, to help assess the company's performance. Students also learn the principles of depreciation.

Typical availability

Autumn semester, City campus

16265 Construction Technology 2

6ct

Requisite(s): 16109 Construction Technology 1 OR 48340 Construction

Undergraduate

This subject examines construction technology for multiple occupancy, medium density residential buildings. Terminology and construction/design details for typical construction solutions are examined in detail for attached housing, walk up apartments and other medium residential types. The subject explores the main construction systems, processes and principles that construction managers should be familiar with for this type of construction. Students develop an understanding of relevant building regulations and compliance issues. The subject incorporates investigation of alternative construction techniques, materials handling and basic understanding of how services interface with the building.

Typical availability

Spring semester, City campus

16266 Sustainable Urban Design and Development

6cp; 2hpw (lecture), 1hpw x 5 weeks (tutorial)

This subject provides an introduction to the environmental impact of urban development and the roles and responsibilities that professionals in the built environment have in reducing environmental problems. The subject commences with an overview of the major global environmental problems and how the built environment has contributed to these problems. The principles of sustainable urban development, planning and design are then explored in conjunction with the roles that professionals in the built environment can play in achieving sustainability. This subject also provides the basis for understanding the processes that shape the built environment particularly in relation to the development and redevelopment of cities. Students are exposed to the history of the city and city development and a general understanding of the environmental and social impacts of urban development. It further shows how built environment professionals can play a more responsible role in resolving some of the current environmental challenges facing our cities. Examination of these issues is underpinned by analysis of contemporary case studies.

Typical availability

Spring semester, City campus

16267 Property Title and Spatial Data Analysis

6ср

Undergraduate

This subject examines the origin and nature of property title and tenure and the issues associated with the determination of the physical extent of property title. Maps, plans and digital information are used in computation and assessment of spatial information in the measure of land and elements of the built environment.

Typical availability

Spring semester, City campus

16307 Project Management Integration

6ср

Requisite(s): 16912 Site Management AND 16317 Risk and Safety Management AND 16913 Time and Quality Management AND 16207 Cost Management 3: Cost Planning

Undergraduate

This subject involves a Capstone Project that provides students with the opportunity to demonstrate and integrate the professional knowledge and skills that they have acquired through their course. Students work in groups to go through the process of procuring a project from inception to completion and also covering the commissioning and operational stages of the project. Students

are expected to demonstrate a professional level of preparation, planning, execution, testing and documentation for the project and are expected to meet a number of strictly enforced milestones. They need to demonstrate proactive initiatives in overcoming problems associated with the project. The subject brings together the processes of project management as defined by the Project Management Body of Knowledge (PMBOK) and their interaction within a project life cycle. Project initiation is explored, including project purpose and justification, stakeholder-needs analysis, feasibility analysis, setting project objectives, development and evaluation of alternatives and project definition. Students then address the practical application of project planning, executing, controlling and closing processes. This incorporates the integration of project scope, time, cost, quality, risk, procurement and facilitating processes. Emphasis is placed on effective project teamwork and communication.

Typical availability

Spring semester, City campus

16308 Services 2

6ср

Undergraduate

This subject provides an introduction to hydraulic, security services and systems, intelligent buildings and an in-depth study on coordination, integration, installation and inspection of services, safety and access requirements.

Typical availability

Spring semester, City campus

16313 Building Economics 2

6ср

Undergraduate

This subject examines the financial and economic issues of relevance to the construction industry, including the application of industrial economics within the industry, the measurement of performance, forecasting techniques and the relationship between business and building cycles, and the process of structural change.

Typical availability

Autumn semester, City campus Spring semester, City campus

16314 Construction Technology 3

6ср

Requisite(s): 16204 Construction Technology 2 OR 16265

Construction Technology 2

Undergraduate

This subject examines construction technology for industrial buildings. Terminology and construction/design details for typical construction solutions for typical industrial buildings such as warehouses and factories are examined in detail. The subject commences with an examination of site sub-strata conditions and soil types and the use of geotechnical analyses to identify specific site conditions. The subject further explores the main structural principles that construction managers should be familiar with for this type of construction. This includes applied structural principles for steel framed construction. Building services technology (hydraulics, electrical and fire protection systems) are also covered. Students develop an understanding of relevant building regulations/codes and compliance issues. The subject incorporates investigation of alternative construction techniques and materials handling issues.

Typical availability

Spring semester, City campus

16315 Structural Behaviour

6cn

Requisite(s): 16206 Structures

Undergraduate

This subject builds on the knowledge developed in 16206 Structural Appreciation by extending the principles developed for timber to the behaviour of concrete and steel structures. The interaction of concrete elements with foundation materials is also given more detailed consideration. Simple calculation techniques are used to illustrate the rationale behind various construction details and special emphasis is given to the structural behaviour of temporary structures.

Typical availability

Autumn semester, City campus

16316 Building Company Performance

6cp

Undergraduate

The objective of this subject is to provide students with a thorough understanding of the financial operations of companies and the factors that affect their financial performance. Students are acquainted with accounting principles, analysis of financial statements, methods of capital budgeting, and preparation of feasibility studies.

Typical availability

Spring semester, City campus

16317 Risk and Safety Management

4cn

Requisite(s): 16912 Site Management

Undergraduate

This subject provides a framework for the management of occupational health and safety (OHS) and risk on construction projects. Safety is one of the most important issues on construction projects and there are stringent legal obligations placed on contractors and construction managers through OHS legislation and other legislation/codes of practice. These requirements are examined in detail as are concomitant workers compensation and insurance obligations. Management practices to ensure and maintain a safe working place throughout the course of a project are covered and students are presented with the many issues, challenges and problems that are faced in achieving this. Effective risk management practices are at the core of safety management and the integration of the two is investigated.

The subject provides an overview of project risk management generally and the main theories of risk causation and implications for management. The techniques and methods used for risk identification, evaluation and response are examined in detail and contextualised to cover the risks typically faced by project stakeholders (including safety). Students are challenged to develop project risk management systems including methods of monitoring and controlling risks utilising risk software applications.

Typical availability

Autumn semester, City campus

16331 Specialised Valuation

6ср

Requisite(s): (16234 Valuation Methods AND (16123 Introduction to Property OR 16136 Introduction to the Built Environment OR 16468 Introduction to the Built Environment))

Undergraduate

This subject involves an in-depth study relating to a diverse range of specialised property types and the underpinning factors which lead to the creation of value in the same. The subject also considers special purpose valuations relating to strata and community title, stratum subdivision, heritage property, financial reporting and plant and equipment.

Typical availability

Spring semester, City campus

16332 Investment and Portfolio

6cr

Requisite(s): 16236 Property Cash Flow Analysis

Undergraduate

This subject is an in-depth study of the methods and techniques of investment and portfolio management, and a study of the asset allocation process and risk and return with an introduction to the techniques of investment and portfolio analysis.

Typical availability

Autumn semester, City campus

16333 Statutory Valuation and Litigation

6ср

Requisite(s): (16234 Valuation Methods AND 16231 Property Management AND (16123 Introduction to Property OR 16136 Introduction to the Built Environment OR 16468 Introduction to the Built Environment))

Undergraduate

This subject equips students to assess, prepare and defend statutory valuations used for land acquisition, rating and taxing and other court-related purposes including general litigation, family law and equity involving property. The subject is designed to cover the preparation of instructions, statements of evidence and the presentation and delivery of expert evidence.

Typical availability

Autumn semester, City campus

16335 Advanced Valuation

6cp; 2 x 1hpw (lectures) supported by direct modelling and online tutorials.

Requisite(s): 16234 Valuation Methods AND 16236 Property Cash Flow Analysis

Undergraduate

This capstone valuation subject is concerned with the application of contemporary theory to the analysis and appraisal of real-property investments, including the prediction of the most likely selling price in a carbon constrained post-GFC market, the investment worth, the real options, and the investment value to a prospective purchaser.

Typical availability

Autumn semester, City campus

16336 Property Title and Tenure

6cp

Requisite(s): (16231 Property Management AND 16123 Introduction to Property AND (16334 Development Management OR 16261 Development Management))

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject covers the origin and nature of property title and tenure and the issues associated with the determination of the physical extent of property title. Maps, plans and digital information are used for the computation and assessment of spatial information in the measure of land and elements of the built environment.

Typical availability

Autumn semester, City campus

16338 International Property Investment

6ср

Requisite(s): (16125 Built Environment Economics OR 16466 Built Environment Economics) AND (16123 Introduction to Property OR 16136 Introduction to the Built Environment OR 16468 Introduction to the Built Environment)

There are also course requisites for this subject. See access conditions.

Undergraduate

Through the delivery of lectures, seminars and case studies, this subject analyses the factors that determine foreign real estate investment; examining the underlying factors that determine the level of such investment with particular focus on Australia and the Pacific region.

Typical availability

Spring semester, City campus

16342 Property Cycles and Forecasting

6cp

Requisite(s): (16123 Introduction to Property OR 16136 Introduction to the Built Environment OR 16468 Introduction to the Built Environment) AND (16125 Built Environment Economics OR 16466 Built Environment Economics)

Undergraduate

This subject provides a study of the property market characteristics. It analyses the cyclical nature of property markets, key determinants and provides methods and techniques that can be applied to property market analysis.

Typical availability

Autumn semester, City campus Spring semester, City campus

16343 Development Case Study

6ср

Undergraduate

This subject examines the processes of generic project management and their interaction within a generic project life cycle. Project initiation is explored, including project purpose and justification, stakeholderneeds analysis, setting project objectives, development and evaluation of alternatives and project definition. Project planning, executing, controlling and closing processes includes practical knowledge and application of the planning processes, such as scope, time, cost, quality, risk, procurement and facilitating processes, including project communication, organisational structures and influences.

Typical availability

Autumn semester, City campus

16344 Property Markets

6cp

Undergraduate

This subject examines property market characteristics and assesses their impact on property prices. The analysis of the cyclical nature of property markets provides key determinants and methods of forecasting future property price movements. Key factors of demand, supply and regulatory impositions provide bases among others in the direction and impact on the various classes of property.

Typical availability

Autumn semester, City campus

16345 Property Trusts and Funds

6ср

Undergraduate

Through the delivery of lectures, workshops and debates this subject examines Australia's property trust and funds industry, analysing alternative investment structures, their benefits and weaknesses, performance, legal and taxation issues, methods of valuation, while contrasting with similar industry sectors in overseas markets.

Typical availability

Spring semester, City campus

16346 Moot Court

6ср

Requisite(s): 16333 Statutory Valuation and Litigation AND 16234 Valuation Methods

Undergraduate

The moot case study is a hypothetical scenario in which students work as a team in the preparation and presentation of a property-related case involving compulsory acquisition or rating and taxing. A scenario is provided in which students respond with a written report and present and argue their position before a panel, tribunal or court.

16412 Cost Management 4: Advanced Estimating

6ср

Requisite(s): 16207 Cost Management 3: Cost Planning Undergraduate

This subject covers advanced estimating and cost management techniques and procedures used by contractors. This includes bidding theories, tendering practices and cost monitoring, control and remedial action during the course of a project. The practical issues and problems faced by contractors in estimating project costs and securing

work are examined in detail as are the strategies used by contractors to achieve competitive advantage. The subject also explores other decision-making techniques such as value management, cost benefit analysis and multi-criteria. The subject utilises contemporary software applications and explores leading edge industry practices such as electronic measurement, linking automated quantities to estimating databases/systems and the integration of the estimating process with building information modelling (BIM) systems.

Typical availability

Autumn semester, City campus

16421 Construction Law and Professional Practice

Requisite(s): 16108 Introduction to Law

Undergraduate

This subject is based on the tortious liability imposed by the law upon professionals, some major contractual problems related to the building industry and an outline of employment law and statutory industrial regulation. It also provides students with an understanding of the issues of professional responsibility and practice within the project management discipline, including issues of ethics.

Typical availability

Autumn semester, City campus Spring semester, City campus

16422 Construction Technology 4

Requisite(s): 16314 Construction Technology 3 Industrial

Undergraduate This subject examines construction technology for multi-storey commercial buildings. It commences with an overview of the main methods/systems of high rise construction and materials handling

and then examines the typical elements in high rise construction such as concrete framed structures, pre-stressed concrete construction, pre-fabricated construction (such as precast concrete), slip-form and jump-form construction and curtain walling. This is then extended to the internal fitout of high rise buildings. The subject explores the main structural principles and building services technology (hydraulics, electrical, mechanical, security, communication, fire protection and vertical transportation systems) that construction managers should be familiar with for this type of construction. The main building regulations and codes relevant to high rise construction are identified and addressed in detail and students explore issues and difficulties with ensuring compliance.

Typical availability

Spring semester, City campus

16423 Procurement and Contract Management

Requisite(s): 16467 Built Environment Law

Undergraduate

This subject examines the project procurement systems used in the construction industry and the principles and practices involved in the administration and management of construction contracts. The variety of methods used to procure construction projects are examined in detail. The subject examines common construction contracts used in the industry and explores typical contractual responsibilities and liabilities imposed by these contracts and the issues that emanate from these. Students are given exercises in examining and interpreting general conditions of contract and contractual risk allocation to strengthen their understanding. The subject then examines the principles and procedures of effective contractual claims management including preparation of variations, progress claims and time extension / delay cost claims. This is extended to include the administration and management of subcontract and supply agreements. Cost/time/quality monitoring, administration and control and cash flow forecasting and earned value analysis during the construction stage are then explored in detail. Students are then introduced to conflict management and dispute resolution as an integral part of the contract management role. The subject utilises contemporary software applications and explores leading edge industry practices such as web-based contract administration and the integration of contract administration and information flow with building information modelling (BIM) systems.

Typical availability

Spring semester, City campus

16424 Construction MIS

Undergraduate

This subject considers the emerging role of information technology in the design, procurement, construction and operation of construction projects. It looks at virtual project teams and the interconnections necessary to enable effective workflows. The subject also covers shared project models and the systems that support them, communication strategies, virtual projects, the use of CAD in realising virtual models, as well as the next generation of software tools and their likely application.

Typical availability

Spring semester, City campus Summer session, City campus

16466 Built Environment Economics

Undergraduate

This subject provides an introduction to the structure and performance of the Australian and international economies with a focus on the relationship with the construction and property industries. An introduction to macro and microeconomic theory and concepts and the structure and performance of the Australian and international economies provides a national and international perspective to this subject. The relationships between macroeconomics and the business environment and building cycles are covered through use of interactive examples and case studies. Economic issues and policies relevant to the Australian construction and property industry are covered as well as financial markets, institutions and instruments. Students also develop an understanding of the importance of market structure and the behaviour of firms.

Typical availability

Autumn semester, City campus

16467 Built Environment Law

6ср

Undergraduate

This subject provides students with an introduction to construction and property law for the built environment. The contractual, tortious and trade practices liabilities imposed on construction and property professionals are examined and case law examples are used to demonstrate the ramifications of failing to meet legal requirements on projects. Students are introduced to construction contracts and the key contractual provisions, liabilities and responsibilities imposed on parties to these contracts. Property law focuses on the transfer and acquisition of property, property titles, estates and interests in land. Agency, employment and insurance law are also addressed. The subject also provides students with a foundation in legal research and referencing.

Typical availability

Spring semester, City campus

16468 Introduction to the Built Environment

6cp

Undergraduate

This subject provides an introduction to the property market and valuation and the property development process in the built environment. The role and regulation of the various property development professionals are explored with a focus on the role of property valuers and developers, contractors, designers, engineers, project managers, construction managers, quantity surveyors and other project consultants. Students are given an overview of the nature and structure of the property/construction industry and the main issues and challenges facing the industry. Property appraisal processes, including valuation methods and investment analyses, are covered at an introductory level. Students are introduced to the main forms of documentation used in the industry. The fundamentals of report writing, academic writing and professional communication are also incorporated in the subject.

Typical availability

Autumn semester, City campus

16469 Professional Practice

6cp

Requisite(s): ([16123 Introduction to Property OR 16136 Introduction to the Built Environment OR 16468 Introduction to the Built Environment)] AND ()

These requisites may not apply to students in certain courses. See access conditions.

Undergraduate

This subject defines the liabilities of design, construction and property professionals. Contractual problems, ethics and issues in the construction/property industry are examined through the use of legal case studies. Legal research, professional codes and conduct and ethical behaviour are a central focus of this subject. Social responsibility and professional ethics for design, construction and property professionals provide a well-rounded foundation for practice in these disciplines. Approaches to ethical thought, including historical and cultural precedents, provide an evolutionary perspective of this subject.

Typical availability

Spring semester, City campus

16470 Digital Design and Construction 2

6cp

Requisite(s): 16212 Digital Design and Construction 1 AND 16913 Time and Quality Management

Undergraduate

This subject examines the practical application of Building Information Modelling (BIM) technologies and processes for the development and delivery of construction projects. The role of the project manager, contractor and the design team in the development and use of building information models is explored in detail. This includes the effective management and control of information contained in discipline-specific 3D models, taking an in-depth look at tools and methods used during the pre-construction and construction phases for construction process planning. Students develop an in-depth understanding of 4D simulation of the planned construction process, visualisation and animation. The subject also examines the issues and problems that are inhibiting the widespread application of timelining and 4D simulation technologies in the industry. Students are presented with the future development of BIM technologies for construction. The impacts that these developments are having on industry are also discussed.

Typical availability

Autumn semester, City campus

16660 Honours Research Proposal

6ср

Undergraduate

This subject explores the principles and approaches for doing research and prepares the students to develop their Honours research proposal.

Typical availability

Autumn semester, City campus

16900 Construction for Developing Communities

6ср

Undergraduate

This subject offers students the opportunity to experience the process of the design and construction of residential or small scale developments in developing communities. It involves students in the planning and construction of residential or small buildings in disadvantaged communities either within or outside Australia. The subject is project based and includes instruction on both the customs and culture of the relevant community and the construction methods relevant to that community. The main focus of the subject is an onsite residential workshop where students participate in construction teams working on real community projects.

Typical availability

Autumn semester, City campus Spring semester, City campus Winter session, City campus

16904 Building Research 1

6ср

Undergraduate

This subject teaches students to identify and locate sources of building and construction information, and allows them to develop advanced research techniques. Topics covered include the implementation of electronic information retrieval techniques, library and Internet searching, accessing online databases and other resources, referencing skills and research methodology. Students are required to undertake a meaningful review of literature on a nominated topic related to the construction industry.

16905 Building Research 2

6ср

Requisite(s): 16904 Building Research 1

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject builds on the research skills developed in 16904 Building Research 1. Students learn to set appropriate research aims and objectives and to formulate a research hypothesis. The subject allows students to develop data collection skills, including original data collection on a nominated topic, survey design, methods of statistical analysis and interpretation and an understanding of data collection procedures and protocols.

Typical availability

Autumn semester, City campus

16906 Thesis Construction Management

12cr

Requisite(s): 16904 Building Research 1 AND 16905 Building

Research 2

There are also course requisites for this subject. See access conditions.

Undergraduate

The Honours thesis subject requires students to prepare and submit a major dissertation, involving the detailed analysis, critique and write-up of an original investigation into a topic related to construction management, construction economics or project management. Students build on their previously completed literature review and expand that research through the analysis of original data collected in 16905 Building Research 2.

16910 Project Management 1

6ср

Undergraduate

This subject is an introduction to the discipline of project management, covering in brief the concepts of project integration, scope, time, cost, quality, human resources, communications, risk, and procurement management. Lectures are delivered in a generic manner with specific tutorials relating to the discipline of individual students.

Typical availability

Spring semester, City campus

16912 Site Management

6cp; weekly, on campus, 2hr lecture and tutorials supplemented by

group work and online learning

Requisite(s): 16204 Construction Technology 2 OR 16265

Construction Technology 2

Undergraduate

This subject introduces students to the discipline of construction project management with a focus on the management of construction site activities and operations. The subject commences with an overview of the fundamentals of project management and the Project Management Body of Knowledge (PMBOK). This is then applied to the principles and procedures for construction site management. Areas covered include site planning, materials handling, quality management, occupational health and safety, industrial relations, subcontractor management, cost management, time management, human resource management and contract administration.

Typical availability

Autumn semester, City campus

16913 Time and Quality Management

6cp

Requisite(s): 16912 Construction Management 1 Site Management Undergraduate

This subject examines time and quality management on construction projects. The subject commences with an overview of project planning, executing, controlling and closing processes and then examines construction programming and planning techniques in detail. This includes site planning, the development of work breakdown structures (WBS) and detailed resource and activity scheduling. Quality management systems and procedures are investigated and explored. Sub-contractor management forms an important thread through this subject as it is sub-contractors who carry out the vast majority of construction work. This includes attention to concepts such as quality control, quality assurance, total quality management and lean construction. The subject concludes with leading edge industry research and practices for productivity enhancement on projects such as BIM (Building Information Modeling) concepts, constructability studies, virtual construction and 4D simulation.

Typical availability

Spring semester, City campus

16914 Human Resources and Communications Management

6cp

Requisite(s): 16912 Site Management

Undergraduate

This subject explores the human side of construction project management. It commences with organisation theory and planning and progresses to human resource strategies, personnel management, staff acquisition and performance management. This is then linked to effective client management and communication and the marketing of services to potential clients. Industrial relations on construction projects is then examined in detail. Project communications are extended to include the principles and practical application of effective negotiation and conflict management on projects. Students are guided through the development of a framework to effectively manage these areas.

Typical availability

Spring semester, City campus

16918 Risk Management

6cp

This subject examines risk management generally but with a focus on project risk management. It covers the main techniques and methods used for risk identification, evaluation and response and relates these to the risks typically faced by project participants. The subject presents risk management as a positive process that should be intertwined with the identification and realisation of opportunities. Risk identification examines the various risks inherent in projects such as financial risk, environmental risk, estimating risk, schedule risk and safety risk. Various methodologies are introduced for the qualitative and quantitative assessment of these risks. Risk response and treatment and issues such as risk sharing and transfer between clients and project participants are examined. Methods of monitoring and controlling risks are then explored. The subject culminates with the development of risk management plans for projects.

Typical availability

Spring semester, City campus

16919 Project Strategy and Leadership

6ср

This subject covers strategic approaches to construction project delivery and the leadership requirements for not only construction projects but the construction industry generally. The construction industry is increasingly facing social, economic and environmental challenges that require leaders that can inspire and affect real change. The subject explores the difference between management and leadership and examines how the 'softer' leadership skills such as strategic vision, communication skills, charisma, personality and business understanding can be integrated with project and business strategies to improve both project and business performance. This includes strategic approaches to negotiation and dispute resolution. The characteristics of major industry and world leaders are explored and analysed in terms of their applicability to the construction industry. The importance of cross-cultural skills in a global project

environment is also covered. Students are introduced to the concept of organisational project management (OPM) which aligns project deliverables with strategy.

16920 Value Management

6cp

For subject description contact UTS: Design, Architecture and Building.

16921 Lean Construction

6cr

For subject description contact UTS: Design, Architecture and Building.

16991 Property Economic Issues

6ср

Undergraduate

This subject allows students to extend their breadth of knowledge and understanding of current and future major economic issues. The issues are viewed from a macro and micro perspective, i.e. from a national and property industry outlook. Issues examined during the course of the subject include key demographic changes; immigration; urban labour force; housing; urban transport; quality of life; privatisation; and globalisation.

Typical availability

Autumn semester, City campus Spring semester, City campus

16992 Planning and Political Economy

6ср

Undergraduate

This subject includes an advanced study of the political economy of property with a focus on the relationship between planning, property value and national economic and social goals. Concepts including betterment, the common good and property are investigated with their ethical implications, and various resolutions of the problem of property are critically appraised.

Typical availability

Spring semester, City campus

171200 Conservation and Heritage

6cp

Postgraduate

This subject is centred on the development of sites of heritage significance, including both statutory and strategic planning issues and practice, and alternative solutions and approaches to the development of historic buildings and precincts. It also covers the evaluation of the statutory and community processes involved in heritage issues.

Typical availability

Autumn semester, City campus

17121 Native Title

6ср

Postgraduate

Land rights history and the Mabo decision are the topics covered in this subject, as well as the Native Title Act 1993 and the Indigenous Land Fund, alternative approaches to land claims and management, and interface between stakeholders and current land management controls.

17122 Environmentally Sustainable Development

6ср

Postgraduate

Topics for detailed study are selected from the following: cultural, political and financial influences underpinning and guiding the built environment in relation to the ecology and sustainability. The subject covers effective planning and design processes and systems; historical and philosophical origins of the modern environmental movement; the history and nature of environmental legislation; the role of authorities and planning instruments in relation to environmental assessment and planning; sustainability and city planning; traffic, waste and water management; building design for sustainability; environmental economics; environmentally responsible

development and life cycle costs; environmental risk management; the environmental audit process; environmental management planning; and application to a real development project.

17123 Construction Contracts and Finance

6cp

For subject description, contact UTS: Design, Architecture and Building.

17518 Advanced Property Development

6ср

Requisite(s): 15142 Introduction to Property and Planning These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Postgraduate

This subject gives students a deeper knowledge of the development process, from conception to completion. It includes approval and feasibility analysis, the tender process, the day-to-day management of a development, the marketing of the project and examines the various property markets and cycles.

Typical availability

Autumn semester, City campus

17519 Property Research Methods

6ср

Postgraduate

Research methods: students study the research process, research and questionnaire design, sampling, estimation and sample size, and their application to property situations.

Statistical methodology: students study elementary statistical analysis with emphasis on non-parametric statistics. Theory generation and review of relevant property research literature are also covered. Students are given an introduction to relevant statistical computer packages.

Typical availability

Spring semester, City campus

17551 Property Market and Risk Analysis

6ср

Postgraduate

This subject provides a study of property markets and their characteristics. It analyses the structure and key determinants of property markets, provides an understanding of property cycles, and examines risk analysis techniques applicable to real estate market analysis.

Typical availability

Autumn semester, City campus

17553 Construction Cost Planning

6ср

Postgraduate

This subject includes an examination of cost planning and cost management of development projects including budgeting, preliminary estimating, pricing of construction work, elemental cost planning and techniques for managing cost during design development and construction. It also considers costs-in-use, occupancy costs, functional costs analysis, and the nature of costs over time and the use of historical cost data for forward planning.

Typical availability

Spring semester, City campus

17554 Urban Simulation

6ср

Postgraduate

This subject introduces students to the tools needed and methods used to analyse and visualise spatial data. Particular emphasis is given to the analysis of large data-sets relevant to those in property development, urban economics and planning. Tools to which students are introduced change with technology, but currently include programs such as ArcGIS, MapInfo, Google Earth and AutoCAD.

Typical availability

Autumn semester, City campus

17555 Complexity and Spatial Analysis

6ср

Postgraduate

This subject introduces students to the science of complex systems, with a specific focus on using that science to better understand cities and urban processes. Issues include: Are cities in equilibrium? Do cities change gradually and predictably? Do small changes to prices, infrastructure and resident/firm behaviour cause only small effects?

The answer to these questions is assumed, implicitly, to be 'yes' by most classical economic and financial models. Recognising that cities are complex, far-from-equilibrium systems with components that interact at different spatial and temporal scales requires the adoption of a new set of mental tools.

Typical availability

Spring semester, City campus

17700 Planning and Environmental Law

6ср

Postgraduate

This subject introduces students to property and environmental law. It includes the structure and operation of the NSW planning system, the legal processes of making plans and planning controls, the application of planning controls to development, the nature and application of environmental controls to development, and a comparative overview of planning law and systems across Australian states.

Typical availability

Autumn semester, City campus Spring semester, City campus

17701 Environment and Control

6ср

Postgraduate

This subject covers the following topics: property development and statutory control processes, including both statutory and strategic planning issues and practice; alternative solutions and approaches to environmental issues and sustainable development; community consultation and dispute resolution; and communication of strategic advice to stakeholders on environmental issues.

Typical availability

Autumn semester, City campus Spring semester, City campus Summer session, City campus

17703 Property Taxation

6ср

Postgraduate

This subject involves the analysis of various forms of taxation relating to property holdings and property investment; income tax, capital gains tax, depreciation allowances, land tax and stamp duties; taxation of trusts; negative gearing and alternative forms of taxation and their likely impacts on the property industry.

Typical availability

Autumn semester, City campus

17704 Property Development Finance

6cn

Requisite(s): 15142 Introduction to Property and Planning AND 12535c Valuation Application

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject covers sources and types of finance available for various property developments; debt versus equity; specialised financing techniques, including hybrids, long-term and offshore finance; project finance; and evaluation techniques and risk management.

Typical availability

Spring semester, City campus

17771 Valuation Methodology

6ср

Postgraduate

In this subject, students study general accounting principles; capital budgeting techniques; discounted cash-flow analysis; risk analysis techniques; interest rate theory and discount rates; traditional and contemporary principles and methods of valuation, advanced capitalisation and other valuation methods; valuation of different classes of property; and sources of finance. A basic knowledge of a spreadsheet program such as Microsoft Excel is assumed. Students need to bring a financial calculator to class.

17772 Commercial Retail Property Management

6cp; block Postgraduate

The subject provides students with an in-depth understanding of property management principles, issues and processes and the lease administration of commercial and retail property. Property management plays an important role in all stages of a commercial performance, both prior to and after the disposal of the development. Property managers are responsible for generating and monitoring of income, and their role has evolved into a diverse and complex one that requires technical understanding of industry practices and the relevant legislation that govern it.

Typical availability

Spring semester, City campus

17774 Green Building Evaluation

6cp; block Postgraduate

This subject gives students a deeper knowledge of sustainable development and its relationship to the built environment. It gives an understanding in the domain of green developments, commercial opportunities and political realities. The subject covers green rating tools and their impacts for the property industry both locally and internationally. Class exercises run in the computer lab working on the green rating tools. Green rating tools include BREEAM, SBTool, GreenStar, BASIX, LEED, etc.

Typical availability

Spring semester, City campus

17775 Land Acquisition Statutory Valuation and Litigation

6ср

Requisite(s): 12535 Valuation Application

Recommended studies: Introduction to Property and Planning 12142 and Valuation Application 15235

Postgraduate

This subject addresses the acquisition of land for economic development and the provision of infrastructure. It equips students with the ability to assess, prepare and defend statutory valuations used for land acquisition, rating and taxing purposes and statutory charges in the development process. The subject is designed to cover the preparation of instructions, statements of evidence and the presentation and delivery of expert evidence.

Typical availability

Spring semester, City campus

17900 PhD Thesis: Built Environment

Оср

Further information on this subject is available from UTS: Design, Architecture and Building.

18723 Research Dissertation 1 (DAB)

24cp

For subject description, contact UTS: Design, Architecture and Building.

18724 Research Dissertation 2 (DAB)

24cp

Requisite(s): 18723 Research Dissertation 1 (DAB)

There are also course requisites for this subject. See access

conditions.

For subject description, contact UTS: Design, Architecture and Building.

21008 Management Consulting

6ср

Postgraduate

This subject introduces students to the nature and characteristics of the consulting industry and the value creation activities of management consultants. It then examines how management consultants conduct business analysis of enterprises, including assessment of business strategies, processes and systems. It considers methods of consultancy project design and management, and different performance measures. Finally, the subject takes a critical look at responsibilities and ethics of consultancy contract management including project costing, scheduling and reporting.

21011 Managing Consulting

6cr

Postgraduate

Through the development of a client-based project, this subject examines the way management consultants analyse enterprises, including assessment of business strategies, processes, and systems. Through practice-based learning it provides opportunities to explore different approaches to business consulting, encompassing new business ventures, not-for-profit organisations, joint ventures and strategic alliances, mergers, and innovation in business models. It considers methods of consultancy, project design and management, and measures of success. Finally, the subject takes a critical look at the responsibilities and ethics of consultancy contract management including project costing, scheduling and reporting.

21012 Governance and Sustainability

6cr

Postgraduate

The subject employs a stakeholder management perspective to analyse organisational strategies, values and operations that facilitate the development of sustainable, high-performing organisations, as well as enabling a balance between enterprise, society and the ecosphere. The subject focuses on how organisations develop a 'licence to operate and grow' through their relations with employees, wider society and the natural environment, developing skills in critical analysis, risk evaluation and management, scenario planning and stakeholder dialogue.

21036 Managing Strategic Performance

6ср

Undergraduate

This subject introduces students to the theory and practices utilised to manage the performance of employees in profit and not-for-profit organisations. It establishes the nature and function of the various components of a strategic performance management system and practices (such as 360 performance, pay-for-performance, etc.). It also exposes students to performance management skills and considers the future direction of strategic performance management.

21037 Managing Employee Relations

6cn

Undergraduate

This subject introduces students to the challenges affecting the regulation of employment in a decentralised environment. It aims to help students understand the new legal and regulatory environment under which Australia operates. Students develop practical negotiation and advocacy skills required in employment relations. The employment relationship is studied in terms of the influence of social, economic, political and legal environment and the power resources of the key institutional parties and others who seek to influence employment.

21040 Advocacy and Social Change

6cr

Undergraduate

This subject covers theories as they relate to advocacy and activism and engages students in a project to assist community organisations that have a need for developing advocacy and communication strategies and tactics by developing a tailored advocacy strategy. It locates activists through their shared experience and explores strategies for effective advocacy. To do this the subject covers topics such as community organisations and social and political change (including theories as they relate to civil society and collective action), the theory and practice of strategic communication for community organisations, advocacy strategies and campaigning (including examination of

case studies of successful campaigns), the relationship between government funding and capacity to advocate, the relationship between individual and systemic advocacy, and institutional and non-institutional forms of advocacy in the indigenous rights movement.

21041 Australian Indigenous Social and Political Development

6cp; block (3 x one-day sessions) Undergraduate

This subject assists students to develop and review their understanding of Australian Indigenous culture and society in the context of social and political developments.

21042 Australian Indigenous Studies Research Project

6cp; block (3 x one-day sessions) Undergraduate

This subject provides an opportunity for students to carry out a major project in Aboriginal studies under the supervision of a member of academic staff, either in groups or individually. Students negotiate the project through a learning contract.

21043 Australian Indigenous Studies

6cp; block (3 x one-day sessions) Undergraduate

This subject assists students to identify, learn and develop strategies for understanding Australian Indigenous cultures and communities in order to enhance and support professional conduct and service in community management and development settings. It introduces participants to Australian Indigenous culture and business; and shows how Australian Indigenous cultures are represented in response to market demands with a comparative analysis of the response by Indigenous organisations and enterprise to culture, business and enterprise development.

21044 Strategic Management of Nonprofit Organisations

6cp

The subject description is available from UTS: Business.

21045 Career Development in Indigenous Community Management

6ср

This subject helps students review their learning, and plan career paths both for themselves and for people they manage or supervise. This is an important subject; career paths in the community sector are often unclear and overlooked as they cross over sector boundaries within the government and business sectors. The subject provides the theoretical and practical frameworks for students to integrate their credentialed and uncredentialed learning into a cohesive portfolio that positions them optimally for career choices in the sector. It enables them to identify gaps in their repertoire of knowledge and skills, gaps that can be addressed through career planning.

21058 Management Project

6ср

Undergraduate

This subject provides students who have undertaken the Management major and a sub-major in Employment Relations, International Management, Strategic Management or Small and Medium Enterprise Management with the opportunity to apply the knowledge and skills acquired in these subjects to a management research project in the area of their sub-major specialisation. It further develops understanding of management research methodologies and provides the necessary skills to design, conduct and report on the project both orally and in writing.

21082 Small and Medium Enterprise Management

6cn

Undergraduate

This subject creates knowledge and analytical skills through applied research and involvement in the process of managing a small and medium enterprise venture in the contemporary business environment. Students collaborate with selected industry practitioners on an industry-based research project. This enables students to acquire the basic competencies necessary for entry into a career in new

venture/small and medium business management. Students learn to appreciate the major ingredients in small and medium enterprise success, and the special problems small and medium enterprises may encounter.

21126 Capstone Project in Business Planning

6cp

Undergraduate

This is a core subject in the 'Innovation' degrees and provides a linking function to the four Technology Innovation and Science Specialisations. It draws together the two key themes of innovation and entrepreneurship as they are developed and practiced within the respective specialisations. It provides an applied context for integrating business and disciplinary skills and competencies in the creation, initiation, implementation and operation of a range of science, bio-engineering, engineering, and information technology-related business innovations. Students work in small teams located in situ with host companies to produce a business plan for the commercialisation of a scientific or technical idea or venture, which is assessed by experts in the respective fields of application. Students develop innovative, entrepreneurial, communicative and interpersonal skills in obtaining expert advice from scientists, engineers, designers, business people and venture-capitalists in the development of their business plans.

21129 Managing People and Organisations

6cr

Requisite(s): 26100c Integrating Business Perspectives These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject introduces students to the fundamentals of management and organisational behaviour in the context of today's contemporary global business environment. It examines the major theories and models in areas of communication, group dynamics, individual behaviour and motivation, decision-making, leadership, power and politics, and ethics and social responsibility. It places particular emphasis on the application of theory to dilemmas and issues likely to confront managers today and in the future.

21134 Introduction to Community Management

6ср

Undergraduate

This subject introduces the basic features of non-profit organisations, and develops a foundation for students to develop skills in effectively organising and managing aspects of a non-profit organisation. It examines the requirements of establishing an organisation, the principles underlying the voluntary management structure of non-profit organisations, the range of types of non-profits, and their relationship to the community.

First-year experience videos

View commentary from students and academics about this first-year subject at:

- Student video: www.youtube.com/user/utschannel#p/ u/11/6RHg5CqvqWY
- Academic video: www.youtube.com/user/utschannel#p/ u/21/ 3heHFtnTfc

21136 Resource Management in Nonprofit Organisations

6ср

The subject description is available from UTS: Business.

21140 Monitoring Organisational Performance

6ср

Undergraduate

This subject assists students in developing competence in monitoring organisational performance on a number of levels. It incorporates a critical analysis of current theories of organisational performance, examining the difficulties of measuring the performance of organisations providing human services, the tools and technologies for evaluating and improving the performance of non-profit organisations, and the use of evaluation data for performance improvement.

21143 Current Issues in the Community Sector

6ср

Undergraduate

This subject provides an opportunity for students to keep up-to-date with current issues, and to apply the theoretical frameworks already gained to systemic problems and concerns. Through regular seminars, students explore the social, political and economic issues affecting the operation of community organisations.

21183 Funds Development

6cp

Undergraduate

This subject introduces the variety of revenue sources utilised by third-sector organisations and the variety of methods that are used to tap these resources. Particular attention is given to fundraising from individuals and corporations, but the emphasis is on effectively managing a whole variety of funding resources.

21184 Government and Community Sector

6ср

Undergraduate

This subject familiarises students with the ways governments operate, and relations between community organisations and governments are constructed and conducted.

21185 Social Change and Community Practice

6ср

Undergraduate

This subject critically appraises the contributions that community organisations and their programs and activities make to personal and societal transformation in the current social, political, and economic context. The connection of principles drawn from social and political theory to the practice of community organisations is discussed. Students explore these links, and develop specific skills in the organisational practice of strategic planning and program development as they undertake individual and group projects.

21189 Community Sector Project 2

6ср

Undergraduate

This subject enables students to undertake exploratory or applied projects focusing on particular industry problems or issues. It extends students' capacity to apply their accumulated knowledge and skills to addressing industry issues that impact on the workplace, drawing on experience that students have already gained in the industry and the skills they have developed during the course. The projects involve the researching and analysis of an environmental factor that impacts on community organisations, the development and implementation of a strategy to address the issues, and an evaluation of the impact of the strategy. The projects are designed and proposed by the student, and subject to negotiation with and approval by the subject coordinator. Each subject requires a different project proposal. Students are required to demonstrate the relevance of the project to their own learning, to the workplace and to the industry generally. In some circumstances, students may gain approval to draw on major projects that they have already carried out.

21211 Indigenous Community Organisation Practicum

6ср

Undergraduate

This subject provides an opportunity for students to apply previous learning in the course in the context of a specific indigenous community organisation different from that in which they work or are involved. Through designing, organising and participating in an observational placement within an indigenous community organisation, students are exposed to the specific organisational, social, political, economic and cultural issues affecting the operation of that organisation. Students are required to identify a particular area of community organisation practice as the focus of their placement based on previous work completed in the course and prepare a report and presentation in order to share their observations and insights with other students in the subject.

21221 Organisational Structure and Change

6ср

Requisite(s): 21129 Managing People and Organisations OR 22157 Australian Corporate Environment OR 48260 Engineering Project Management OR 16910 Project Management 1

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject considers the various structural forms that organisations may take and the pressures which led to their adoption. It covers the strengths and weaknesses, as well as the management challenges, of running each form. Various change models are examined, and the interaction of the organisational change process with the forces driving change is considered. The impact of internationalisation and current organisational design issues are discussed.

21223 Social Analysis and Indigenous Community Organisations

6cp

Undergraduate

This subject introduces a conceptual framework for examining the historical and current social context of policy development in regards to Indigenous people in Australia. It explores the role of Indigenous organisations in responding to social policy.

Typical availability

Autumn semester, City campus

21224 Indigenous Community Research

6ср

Undergraduate

This subject provides a foundation in basic research and evaluation skills as they can be applied in Indigenous community organisations. It introduces students to basic research skills which they may be able to use in a variety of ways, such as carrying out a community needs analysis, evaluating the performance of their organisation, conducting action research, assessing the community's response to the service, and undertaking research into community issues. Students are encouraged to evaluate and modify techniques for use in Indigenous communities.

21225 Managing Human Resources in Indigenous Organisations

6ср

Undergraduate

This subject introduces the basic principles of personnel management and industrial relations and explores their applicability and application in Indigenous organisations. It explores the unique features of community management and the roles and personnel practices in relation to paid staff and volunteers. It examines recruitment, selection, staff development principles, industrial conditions and resolving industrial disputes.

21226 Sustainable Enterprise

6cp

Undergraduate

This subject considers one of the most pressing issues for business in the 21st century: the increasing importance of civic governance and the rising awareness of the earth's limits. The subject critically analyses and examines the social and ecological assumptions that underpin commercial activities in contemporary society and reviews the current global performance of business in terms of human and ecological sustainability. The subject provides students with opportunities to expand their personal horizons and develop understanding of both aspects of sustainability. There is an introduction to how the sustainable enterprise might operate at three different levels: individual, organisational and societal. A number of different frameworks for considering sustainability are introduced and students are given a range of practical methods for improving corporate performance and measurement in the three key areas of economic, social and ecological reform.

21227 Innovation and Entrepreneurship

6ср

Undergraduate

The aim of this conceptual and decision-making subject is to provide students with the competencies and skills necessary for understanding, implementing and then managing the entrepreneurial innovation process within a highly competitive global environment. Entrepreneurship/intrapreneurship is more than the mere creation of a new business. Seeking opportunity, taking risks and having the tenacity to push ideas into reality are special characteristics that permeate entrepreneurial individuals. Entrepreneurship is an integrated concept that has revolutionised the way business is conducted. Students are required to study how winning entrepreneurs think, act and perform.

Typical availability

Autumn semester, Kuring-gai campus Spring semester, Kuring-gai campus

21228 Management Consulting

6ср

Undergraduate

This subject introduces students to the nature and characteristics of the consulting industry, major practice areas in consulting and the value creation activities of management consultants. It discusses the main success factors of consulting. It also considers methods of consultancy project design and management, and integrative problem-solving applying the principles of design thinking and different performance measures. Finally, the subject takes a critical look at the responsibilities and ethics of consultancy contract management. Note: This subject requires students to have completed the majority of their subjects and it should be taken towards the end of their degrees.

21229 Management Knowledge

6ср

Undergraduate

The basis for the global momentum of implementing knowledge management is the need to understand the real value of knowledge, to create new management philosophies, standards and practices and to establish new models of success. The subject examines the movement away from the traditional paradigm of 'hoarding knowledge' to a structured approach, which creates the incentive for sharing knowledge and establishes a knowledge management framework. Students are introduced to management initiatives of implementation, technology strategies, planning organisational transformation and a general understanding of the future environment for managing knowledge within the organisation.

21407 Strategic Human Resource Management

6ср

Undergraduate

This subject focuses on the strategic nature of human resource management (HRM) functions within various organisations and builds on general issues first raised in 21306 Employment Relations in the Global Context. It develops an appreciation of critical HRM issues through an exploration of conceptual issues such as alternative ways of viewing the HRM field, how HRM should relate to changes in the organisational environment, and the relationships between organisation strategy and HRM functions. The underlying concept considered in this subject is how an organisation in a changing environment can best manage its human resources in such a way as to provide long-term benefits to the organisation.

21440 Management Skills

6ср

Undergraduate

This subject aims to equip students with the theoretical underpinnings and practical tools necessary to increase proficiency in a number of management and communication skill areas. Specifically, the subject provides students with the opportunity to engage in active participation, personal reflection, experimentation and practice. It is based on the premise that we ourselves are responsible for the outcomes in our lives and that non-judgmental self awareness and acceptance is fundamental to personal development. To this end, there is a strong focus on experiential learning and the role of individual and team reflection.

21491 Cross Cultural Management

6ср

Undergraduate

This subject provides students with the knowledge and skills necessary to identify and evaluate the role of culture in work organisations. It aims to develop intercultural awareness and organisational effectiveness in the global context through a critical evaluation of mainstream and emerging models of national culture. There is a strong emphasis on real life cases, students learn to identify the role of culture in determining organisational strategy, structure, communication, motivation and leadership.

To successfully manage an organisation in a culturally diverse society or to be part of a global organisation, an understanding of the differences in social code, communication, motivation systems, organisational structure and leadership is needed. Business is increasingly competitive, and competing in the 21st century requires a global orientation to sustain economic advantage. Use of the internet now can place business anywhere in the world. Hence an assessment of the risks that include financial, political, economic, environmental and now cultural factors are gaining increasing importance in the global context. Culture determines how one builds trust, communicates, balances risk, negotiates, motivates and leads. Knowing the cultural sensitivities for each country a business can gain profitability, and without cultural intelligence lose spectacularly.

This subject provides a foundation for cross-cultural management and looks at various models of culture including Hofstede's Value Dimensions, Project GLOBE Cultural Dimensions, Trompenaars's Value Dimensions, and Cultural Clusters.

Typical availability

Shanghai, China

21504 Management Capstone

6cr

Requisite(s): 21440 Management Skills AND 2 Subjects from 21510, 21511, 21591, 21227, 21228, 21595, 21602, 21555 AND 21512 Understanding Organisations: Theory and Practice These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject is regarded as a crowning achievement and consolidates the knowledge that has been learnt in the major as well as integrates the core disciplines in a holistic manner. The subject provides students with opportunities to apply the knowledge and skills developed before and during their final year of undergraduate study. Students gain transferable skills with research application including presentation, research process and team-working skills. Students produce submissions to relevant authorities, professional bodies and the wider academic community through a formal presentation. The subject engages students in ethical and sustainability issues at the same time giving them experience of some of the practical aspects of management, highlighting how various business disciplines contribute to their professional knowledge.

21505 Human Resource Management (Capstone)

6ср

Requisite(s): 21555 Human Resource Management OR 21440 Management Skills OR 2 Subjects from 21510, 21512, 21511, 21440, 21513, 21504

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

The subject provides students with opportunities to apply their knowledge and skills developed prior to and during their final year of undergraduate study. Using a project learning approach, students are required to work with an industry client on a project that mirrors the workplace environment. Although students generally work in groups, individual performance is also assessed taking into account the quality of the product produced, the depth of content understanding demonstrated, and the contributions made to the ongoing process of project completion.

21506 International Business Capstone

6cp

Requisite(s): 21511 Global Operations and Supply Chain
Management OR 21510 The Global Context of Management OR 2
Subjects from 21591, 22240, 24220, 21440, 25304, 22309
These requisites may not apply to students in certain courses.
There are also course requisites for this subject. See access conditions.

This subject aims to develop and extend students' international business skills and in-depth knowledge associated with developing and managing practical research projects. The projects provide students with opportunities to apply the knowledge and skills developed before and during their final year of undergraduate study. The nature of research projects varies from semester to semester; however, projects are intended to help students consolidate and integrate knowledge that has been learnt during the international business major, as well as to develop practical experience in conceptualising, managing and delivering applied research projects. Among the transferable skills that students are asked to demonstrate are information and critical literacy, project management, team work, and reflective practice.

21510 The Global Context of Management

6cp

As a core subject in the management, human resource management and international business majors, this subject is designed to give students a broad overview of the complexity of the global business environment. Student gain an understanding of how the global context of the business environment impacts upon managerial processes. Understanding business in context engages students to appreciate the interrelationships between global business and the environmental, social, technical, legal and regulatory frameworks that influence business operations. Students are encouraged to explore examples of the ethical dilemmas managers encounter operating within this context through problem-based learning activities where they develop essential global management capabilities.

21511 Global Operations and Supply Chain Management

6ср

This subject builds on the business knowledge taught in the core subject Integrating Business Perspectives and provides students studying in the Management, Human Resource Management and International Business majors with an opportunity to develop their understanding of sustainable business operations and global supply chain management from a systems perspective. Through a blended process of experiential, engaging and reflective learning, this subject further assures problem-based learning skills, added with the ability to manage the development of higher order capabilities for addressing complex operational issues in a real business context.

21512 Understanding Organisations: Theory and Practice

6ср

This subject considers what is theory and what is theorising in the specific context of organisations and organisation theory. It covers both mainstream classical business theorising and some alternatives. This examination should lead to an understanding that theory and organisational reality interact, influencing and shaping each other. It then follows that the practising manager is informed by theory when defining issues, sense making and choosing practical action.

21513 Business Ethics and Sustainability

6ср

Business Ethics and Sustainability explores the breadth and depth of ethical issues confronting contemporary organisations. It examines major philosophical conceptualisations of ethics and applies these to critically analyse both theory and practice. It places particular emphasis upon developing students' ethical vocabulary and ethical argumentation so that they are better equipped to successfully carry an ethically informed subjectivity into their organisational practice.

21532 Applied International Business

6ср

Requisite(s): 21591 Transnational Management AND 25304 Asian-Australian Economics Relations AND 22240 International Accounting AND 24220 International Marketing Analysis and Strategy

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This capstone subject applies knowledge gained from the study of prerequisite subjects to the examination of contemporary issues facing international business. Students develop skills in researching current issues and assessing how they affect multinational businesses. Students also develop an understanding of the complexity of international operations and how firms have responded to this complexity. The interrelated and multifaceted nature of challenges facing multinationals is stressed. Current organisational problems are used as a basis for discussion and teaching and students develop an appreciation of the evolving international environment and how it may affect corporations. Students also gain experience in written and oral presentations.

Typical availability

Autumn semester, City campus Spring semester, City campus

21555 Human Resource Management

6ср

Undergraduate

This subject introduces students to the theory and practices utilised to manage an organisation's human resources. It establishes the nature and function of the various components of typical human resource management (HRM) practices, and exposes students to the skills of HRM through the use of structured exercises. It also considers the future direction and strategic application of HRM within Australia and overseas.

21591 Transnational Management

6ср

Undergraduate

This subject examines the management challenges associated with the strategic and operational management of organisations whose activities stretch across national boundaries. It develops a conceptual framework which enables students to understand the interplay between the multinational corporation, the country in which it does business, including an understanding of the psychological, social, political and economic forces useful for managers and consultants involved in multinational organisations and crossborder management. Through theory, cases, readings and research articles, the subject considers approaches to the development of strategy, organisational capabilities, and management challenges for operating in the global economy. It provides comprehensive understanding of managerial processes such as, cultural diversity, the entrepreneurial process (identifying and acting on new opportunities), the integrative learning process (linking and leveraging those pockets of entrepreneurial initiative), and the leadership process (articulating a vision and inspiring others to follow).

21595 International Management Field Study

6cr

This subject enables students to undertake a focused overseas study tour. Students join other students in studying the business, management and cultural practices of a selected country. They gain exposure to the various business and international management theories that have been studied in their course. The subject involves pre-departure briefings and lessons, as well as a mixture of in-country activities that may include visits to businesses, talks by business leaders and trade officials, tours of culturally significant venues, and/or time to explore freely.

Feedback from previous students suggests that they have found the subject personally rewarding because, in the course of experiencing business, culture and travel in a foreign country, individuals discover capacities for leadership, collaborative support, and problem solving in themselves that might not emerge in a classroom.

This subject involves overseas travel and students taking this subject incur travel costs, which are in addition to the normal study fee. The faculty endeavours to keep travel costs as low as possible by negotiating group rates with airlines, hotels and other providers. To ensure the affordability of the study tour, it is only run if a sufficient number of students enrol and commit to the subject.

21602 Strategy: Theory and Practice

6cp

This subject, incorporating extensive case studies, offers an intellectually rigorous exploration of strategic theory and practice. Drawing on established disciplines such as sociology, economics and other social science disciplines, the subject takes an encompassing critical knowledge—interrogating view of the strategy literature. Students are required to engage with political, ethical and sustainability issues that the next generation of managers are likely to encounter.

21630 Global Strategic Management

6ср

Requisite(s): 21511 Global Operations and Supply Chain Management AND 21510 The Global Context of Management These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject explores how managers influence strategy processes and can effect valuable changes in organisational activities. On completion, students are able to demonstrate an ability to critically analyse strategy processes and understand how these processes can be influenced. Through the medium of class discussion, reflective journal and case history analysis, students test their levels of conceptual abilities and understanding of contemporary business practice.

21702 Industrial Relations

6ср

Postgraduate

This subject provides an in-depth knowledge of the institutions, processes and contemporary forces relevant to understanding industrial relations in Australia and in other national contexts. The contemporary pressures upon industrial relations and the major legislation affecting the workplace are discussed and analysed. The practical skills required to effectively handle industrial relations are also covered, particularly those relating to grievance procedures, negotiations and advocacy.

21715 Strategic Management

6ср

Requisite(s): ((22747 Accounting for Managerial Decisions OR 22784 Accounting: Concepts and Applications) AND (25706 Economics for Management OR 25745 Economics: Concepts and Applications) AND (24734 Marketing Management OR 24746 Marketing: Concepts and Applications) AND (25742 Financial Management OR 25746 Financial Management: Concepts and Applications) AND 36 credit points of completed study in C04018 Master of Business Administration)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject adopts a holistic strategic approach to the design of innovative business models and the development of integrative processes that promote competitive superiority. This capstone subject integrates and builds on the materials previously studied in the core subjects of the MBA. The aim of the subject is to provide the student with the knowledge and skills necessary for designing and managing strategy processes that can assure the long-term viability and success for enterprises that operate in a highly competitive business environment. The strategy literature supports the adoption of a more creative, strategic and flexible approach to the design of business models. Students are encouraged to design innovative business solutions and develop new problem solving rationales for the formulation of flexible strategies. The students should then be able to understand, communicate and materially contribute to the purpose of an organisation.

21717 International Management

6ср

Postgraduate

This subject encourages participants to: study how people in other countries go about conducting business and managing their enterprises; ascertain the reasons behind their various management practices; assess their effectiveness; and determine the implications for Australian managers. The subject helps develop an integrated world view to provide a better basis for decision-making within the international business arena.

21720 Human Resource Management

6ср

Postgraduate

This subject presents an introduction to the field of human resource management (HRM). Topics covered include historical steps in the development of the human resource function and the forces that have shaped its development; the role and importance of strategic HRM; ethical considerations in HRM and contribution to good corporate governance; implications of HRM policies and procedures for human and other forms of sustainability; the importance of effective HR information systems; the contribution of various HR functions such as job analysis and design, recruitment, selection, remuneration management, performance management and appraisal as well as training and development; the role of key stakeholders including government, industrial tribunals and associations; forms of regulation and entitlements including legislation, awards and agreements; handling workplace grievances and performance problems; managing diversity and EEO.

Note(s

Before Autumn semester 2004, this subject was called Employment Relations.

21722 Leadership, Coaching and Mentoring

6cp

Requisite(s): 21813 Managing People OR 21867 Managing People: Concepts and Applications OR 21844 Managing Work and People These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject emphasises understanding the role of the manager as leader, decision maker and change agent. Topics include the manager's role; transformational/transactional leadership; rational and incremental decision-making; decision-making alternative strategies; situational characteristics of decision-making; creativity and problem solving; transactional analysis; the rational-emotive approach; the Gestalt approach; and dealing with interpersonal conflict.

Note(s)

Before Autumn semester 2004, this subject was called Leadership and Management Action.

21724 Strategic Human Resource Management

6ср

Requisite(s): 21720 Human Resource Management These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject develops the ability to locate, critically analyse and explain the relevance of the recent literature in key areas of Human Resource Management (HRM). It emphasises strategic models of HRM, and the links between HRM and recent trends in management theory and practice.

Note(s)

Before Autumn semester 2004, this subject was called Human Resource Management.

21725 Organisation Development

6ср

Postgraduate

This subject develops an understanding of strategies, methodologies, and intervention techniques and skills in managing planned or adaptive organisational change. It consists of two components: a knowledge component and a skills component. The former is presented through normal lecture discussions. The skills component is covered through group involvement in an ongoing or potential organisational change problem, through which a group acts as a team of change agents. The results of their efforts are presented in a two-day non-residential workshop at the end of the semester.

Note(s)

Before Autumn semester 2004, this subject was called Organisational Change and Adaptation.

21741 Managing Operations

6cp

Postgraduate

Operations management is about the way organisations produce goods and services. Everything we buy, eat, read and wear has to be produced. Every service we receive from hospitals, banks, local government, the local cinema, etc., has to be produced. This subject provides a broad introduction to planning, design, implementation and improvement of operations. Topics covered include operations strategy, various approaches to operations planning and control, quality management, performance measurement, supply chain management, and operations improvement. Teaching methods include case studies and a hands-on simulation exercise.

Note(s)

Before Autumn semester 2011, this subject was called Value Chain Management.

Before Autumn semester 2004, this subject was called Operations Management.

21742 Quantitative Management

6ср

Postgraduate

This subject provides an introduction to the application of operations research and mathematical modelling techniques to the solution of business problems. The practical application of the various techniques is stressed. Hands-on experience is gained through the use of computer software packages. Topics covered include a revision of basic statistics; project management (CPM/PERT); decision models; simulation techniques; linear programming; statistical quality control; game theory; and inventory management.

21743 Business Excellence

6ср

Postgraduate

This subject develops an understanding of the practical and managerial aspects of quality, including the fundamentals of total quality management and its relationship to productivity and organisational performance. Topics include the fundamentals of quality, productivity, and organisational performance; total quality management; traditional concepts and modern definitions of quality; quality management tools and techniques; quality standards; and performance measurement.

Note(s)

Before Autumn semester 2004, this subject was called Quality Management Systems.

21745 Service Operations Management

6ср

Postgraduate

This subject covers the management of the design, production and delivery of services, and the application of operations concepts and methods to service situations. Topics include strategic management and marketing, process analysis, and delivery systems; establishing, measuring and control of service levels; location and layout; capacity planning; quality assurance; organisational behaviour and design in services; and managing professional services.

21751 Management Research Methods

6ср

Postgraduate

This subject contributes to the students' vocational and professional attributes by providing a foundation in the analytic and research skills that can be applied to the solution of problems encountered in their professional lives. It develops expertise in research design and methods needed to effectively conduct both academic and applied management research. Topics include survey research, experiments and quasi-experiments, case studies, content analysis, interviews and focus groups.

21758 Strategic Governance and the Business of Government

6ср

Postgraduate

This subject draws from strategic management models for the public, private and non-profit sectors and the previous studies of students. It helps them to develop a capacity for 'big picture' analysis, planning and implementation of strategy.

21759 Strategic Issues in Community Management

6ср

Requisite(s): 21766 Managing Community Organisations OR 21767 Not-for-Profit Sector Theory and Context

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject introduces students to strategic management in community (non-profit) organisations and provides the opportunity for students to reflect on, extend, and integrate their knowledge of community management gained from preceding subjects in the course. It also explores critical issues currently impacting on the sector, and appropriate strategic responses to those issues and encourages a strategic perspective on the management of organisations and an ability to apply that perspective within community organisations.

21760 Performance and Talent Management

6cp

Requisite(s): 21720 Human Resource Management OR 21866 Human Resource Management: Concepts and Applications These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject examines the role and nature of performance management systems in contemporary organisations. The needs and expectations of both organisations and individuals are explored and the sources of performance difficulties identified. The business requirement to align individual and organisational goals is examined and the implications for each stage of the human resource management process is analysed. Approaches to performance management and enhancement are examined and critically evaluated. The subject examines the roles of HRM specialists, line managers and individual employees/contractors in identifying essential job functions and relating them to the organisation's goals, developing appropriate performance standards, providing needed feedback about performance, developing and enhancing performance as well as dealing with performance problems.

21766 Managing Community Organisations

6ср

Postgraduate

This subject provides an introduction to the field of community management. It develops a critical appreciation of management practices and organisational forms within the community sector, evaluates the application of different models of management, and explores key issues such as governance and accountability.

21767 Not-for-Profit Sector Theory and Context

6ср

Postgraduate

This subject introduces some of the ways of thinking about the third sector and the community sector within it. Students study a growing body of knowledge about the third sector, its origins, dimensions and contribution to society, the economy and polity of Australia and selected other countries. It also introduces ways of thinking about the dynamic interaction between third sector organisations and the social, economic and political systems in which they are embedded.

21769 Human Resources in the Third Sector

6ср

Postgraduate

This subject examines the prerequisites of good management, i.e. the management of basic human and material resources. It focuses on those features and issues of human resource management (HRM) that are distinctive of community or non-profit organisations, including the nature of the labour market, the use of volunteers, and the issues of leadership, control, and best practice.

21778 Resource Mobilisation

6cp

Postgraduate

This subject introduces the variety of revenue sources utilised by third sector organisations and the variety of methods that are used to tap these resources. Particular attention is given to fund raising from individuals and companies, but the major emphasis is on effectively managing and developing the variety of revenue sources in the context of the organisation's environment and in accord with the organisation's mission.

21779 Management Skills

6ср

Postgraduate

In this subject, students develop insight into the interpersonal skill requirements of managers and establish a basis for the future development of skills. This subject deals experientially with the interpersonal skills needed by managers to lead teams successfully and takes the individual's awareness of his or her skills and interpersonal style as its starting point. It goes on to examine basic communication skills such as listening, counselling and non-verbal behaviour. It deals with applied skills including interviewing, time management, goal setting, delegation, group facilitation and meetings management, decision-making, conflict management and negotiation, and organisational communication.

21781 Social and Community Research

6ср

Requisite(s): 21766 Managing Community Organisations AND 21767 Not-for-Profit Sector Theory and Context

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject introduces the theory and methods of social research as applied within the community sector. It explores research as a problem-solving and political tool, critically examines both quantitative and qualitative research methods, and introduces the basis of statistical analysis (using SPSS). It provides a basis of understanding for those who manage or use research projects, and provides a necessary basis for those undertaking their own research.

21785 Research Techniques in Management

Оср

Postgraduate

This subject provides research students with the knowledge and skills to make critical methods and design choices in business research. It reviews the common problems in making choices and reviews the costs and benefits of various options available to business researchers. It also applies students' existing knowledge of disciplinary theories, research methods and statistics to solving research design issues and writing.

21786 Research Seminars in Management

Оср

Postgraduate

This subject provides a forum each semester for students to present an update on their research efforts and review the work of others.

21792 Research Project (Public/Community)

6ср

Requisite(s): 21781 Social and Community Research

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

In this subject, students apply their knowledge and research skills to the in-depth study of a specific topic. This occurs through a search of the literature, and either an applied consultancy project, or a small-scale empirical research project. A research report is produced which reviews the topic, presents the findings and evaluates the implications of those findings.

21797 Strategic Supply Chain Management

6ср

Postgraduate

Strategic supply chain management introduces a dynamic, revitalised organisation function presently enjoying a worldwide revival as a key element of competitive advantage. This subject introduces a range of sophisticated concepts of purchasing and materials management. Relevant to the private, public or non-profit sectors, this subject covers a wide range of supply chain management activities including formation and management of strategic alliances, buyer selection and management, global sourcing, ethics in contracting situations and applications of information technology in supply chain management.

Note(s)

Before Autumn semester 2004, this subject was called Managing the Supply Chain.

21800 Management and Organisations

6ср

Requisite(s): 21878c Organisational Dialogue: Theory and Practice These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject develops students' understanding of the nature of organisations and the role of managers within them. The implications of internal organisational factors and external forces for effective management are examined. Management theories are explored and applied to practical contemporary situations.

21811 Global Strategic Management

6ср

Postgraduate

This subject provides an understanding of the contemporary international business environment and how business can formulate appropriate organisational strategies. A variety of strategic options available to organisations is explored. Emphasis is placed on the inevitability of changes in the global environment and on the need for strategic management in this changing environment in Asia, Europe and the United States.

21814 Management Project Design

бср

Requisite(s): 21751 Management Research Methods These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject further develops knowledge and skills in management research. Specific content is determined by the student and his or her supervisor in relation to the specific project topic.

The major emphasis is on defining the topic; locating the relevant literature; analysing this literature and integrating it with relevant issues; formulating conclusions and implications arising from the literature review; designing a study to explore these implications; and preparing a report.

21815 Management Project

6ср

Postgraduate

This subject aims to develop research skills through the design and conduct of a focused management project. With guidance from a supervisor, students develop appropriate research questions for their project, conduct a literature review, design a research methodology, collect and analyse data, and present the research in a report. The selection of the project topic enables students to increase their knowledge in their area of specialisation.

21817 Volunteer Management

6ср

Postgraduate

The level of volunteering in a society is a sign of its well being, and third sector organisations are the main beneficiaries of volunteering. This subject provides students with a comprehensive introduction to the social phenomena of volunteering and the use of volunteers by third sector and public organisations. This is an elective subject and is taught only if sufficient interest is expressed.

21827 Change Management

6cp

Postgraduate

This subject provides managers with a framework for rethinking their past change management experiences, and for gaining a critical appreciation of future change management practices. It takes students through four aspects of change management: leading change; managing individual experiences of change; conceptualising the need for change; and critiquing specific change management programs.

21832 Managing for Sustainability

6ср

Postgraduate

This subject provides students with a framework for incorporating the natural environment into business strategies and practices. It provides an opportunity to systematically understand business-environment relationships and integrate concepts and techniques from disciplines ranging from operations management to environmental sociology. It provides a unique set of skills for future managers to transform environmental challenges into business opportunities.

21833 International Human Resources Management

6ср

Postgraduate

This subject focuses on issues relating to the management of a global flexible workforce, specifically those concerning the strategic international dimensions of human resource management (HRM). Topics include the strategic link between international business and trentational HRM; theories of strategic international HRM; strategy, structure and the people management function; contemporary issues in international HRM; expatriate management; and critical evaluation of the international HRM function.

Typical availability

Autumn semester, City campus

21837 Strategic Operations Management

6ср

Postgraduate

This subject provides an applied perspective to the question of how to analyse and manage business operations in both the manufactured goods and the service sectors. It adopts a strategic focus in demonstrating how operations can be used to leverage the competitive capability of an enterprise in global markets and to increase effectiveness of public sector delivery environments. The subject raises awareness of the increasing interdependence between service functions as integral to the process of manufactured goods.

21841 Corporate Governance and Strategic Direction

8cp; availabilty: Executive MBA (C04031) students only Executive MBA (C04031) students only

Postgraduate

This subject provides a deeper understanding of the way companies are owned and controlled and of the systems for corporate governance which exist in different institutional environments. The subject provides students with a positive philosophy about the way they

can structure thinking about corporate strategy and focuses on the development of corporate strategies by adopting a comprehensive approach incorporating different perspectives. The subject is holistic, comprehensive and takes a practical, applied approach to theoretical concepts.

21844 Managing Work and People

6cp

Requisite(s): 21878c Organisational Dialogue: Theory and Practice These requisites may not apply to students in certain courses. See access conditions.

This subject is specifically designed to enable students to develop a critical appreciation of management practice with critical thinking and the integrative approach. The aim of the subject is to help students improve their understanding and abilities to manage human systems, exercise leadership and work effectively with other people. Students are exposed to a variety of leadership perspectives through readings, discussions of experts in the field and successful leaders via video, and group discussion. The subject also provides a forum for students to learn and think introspectively about their own personal values, leadership styles, emotional intelligence and long-term aspirations. Participating in experiential activities allows students to have direct experience applying team dynamic concepts in the context of their own teams and challenges.

21853 Strategic Competitive Advantage in the Digital Age

6cp

Postgraduate

This is an integrating subject concerned with obtaining competitive advantage at a strategic level in the digital age. Using a framework approach to strategic competitive advantage and change management, the subject examines the digital information age at three levels. First, at a national policy level by comparing the approach of the USA, UK and Australia. Secondly, at the level of the tele-media industry and the organisations that supply it. Thirdly, the effect of the digital age (through e-business) on the strategic competitive advantages of industries already affected in the USA is reviewed, as well as changes to competitive advantage in Australia.

21854 Innovation and Entrepreneurship

6ср

Postgraduate

This subject presents students with a perspective on how innovation and entrepreneurship occurs—across industries and firms, in large and established organisations and in small and new ventures. The subject examines broad processes of innovation (the creation of markets, the flow of ideas, the dynamics of invention and commercialisation) and also related organisational processes (strategy, structure and internal processes that foster creativity) that are relevant to all organisations and essential to those seeking to develop an entrepreneurial mindset. Students gain an appreciation of the competitive, institutional, political and economic drivers of innovation and entrepreneurship, and gain practical insights into analysing business model viability, assessing opportunities, creating new ventures, designing effective organisations for innovation, producing business plans and pitch decks, and how they can use their social capital for career advancement.

21856 Career and Portfolio Development

6ср

Postgraduate

This subject assists students to review learning and plan career paths for themselves and for the people they manage and supervise. It provides the theoretical and practical frameworks for students to integrate their credentialed and uncredentialed learning into a cohesive portfolio that positions them optimally for career choices in the sector. It enables students to identify gaps in their repertoire of knowledge and skills, which can then be addressed within the industry-training program.

21860 Managing Knowledge

6ср

Postgraduate

The basis for the global momentum of implementing knowledge management is the need to understand the real value of knowledge, to create new management philosophies, standards and practices and to establish new models of success. This subject examines the movement away from the traditional paradigm of 'hoarding knowledge' to a structured approach, which creates the incentive for sharing

knowledge and establishes a knowledge management framework. It introduces the management initiatives of implementation, technology strategies, planning organisational transformation, and a general understanding of the future environment for managing knowledge within the organisation

21862 Motivating and Managing People

8cp; availabilty: Executive MBA (C04031) students only Executive MBA (C04031) students only

Postgraduate

This subject examines people management policies and practices from the perspective of the senior manager. It notes contemporary trends in organisational structure and explores related people management theory and practice using a behavioural science framework. It enables students to use behavioural science ideas to analyse individual performance issues and organisational processes in the management of human performance at work; relates people management practices to developments in management thought and to changing values in the world of business and administration; and critically evaluates the major theories and models that have been developed to explain individual, group and inter-group behaviour in work organisations.

21869 Innovation and Entrepreneurship

8ср

Postgraduate

This subject presents students with a perspective on organisational innovation and entrepreneurship. In a globalised economy, innovation becomes one of the key strategic differentiators and drivers of growth. Analysing the practice of innovation, the topics include successful intra- and entrepreneurship models, sources of innovation, business models supporting innovation strategies, and reflection on the innovation journey. Special emphasis is placed on the understanding of new venture creation and the innovation process with the aim of broadening students' perspectives and better equipping them for successful innovation.

21870 Strategic Human Resource Management

8cp

Postgraduate

This subject introduces students to the theory, practices and skills utilised to strategically manage human capital within the context of high-performance cultures. Students learn how to develop and utilise human capital metrics to evaluate the effectiveness of an organisation's HRM system.

21871 Operations and Value Chain Strategy

8ср

Postgraduate

Operations and Value Chain Strategy presents operations from a vantage point that encompasses both the entire organisation and the broader supply network. The subject contextualises operations management by arguing that the goals to which any high quality operation must aspire are the goals of profitability and sustainable business practices. The subject presents operations within a context that acknowledges the interactions both within all functional areas of an organisation as well as the supply chain network serving it.

21872 Organisational Analysis

8cb

Postgraduate

The subject enables students to understand and improve their own managerial and organisational practice by introducing them to the ideas associated with established theories of organising and emergent theories of practice in organisation studies. The subject reviews the key concepts and issues that inform debates on contemporary organising and allows students to develop reflective perspectives on these as they are relevant to their own work. Following an introduction to the theory and practice of organising, the subject is divided into two main parts: concepts and issues. The key concepts that are discussed include organisational structure, organisational culture, organisational power and organisational responsibility. The key issues for practice that are discussed are organisational change and identity, gendered organisations and diversity, cross-cultural organising, management and organisational fads and fashions, anti-corporate movements and globalisation, and corporate social responsibility and sustainability.

21873 Global Business Strategies

8cp

Requisite(s): 21874 Corporate Governance and Sustainability AND 24800 Managerial Marketing AND 27800 Applied Leadership and Strategy AND 21875 Organisational Behaviour in Practice AND 22814 Accounting Information for Managers AND 25845 Managerial Economics AND 25841 Decision Making Tools AND 25846 Managerial Finance

There are also course requisites for this subject. See access conditions.

Postgraduate

Global Business Strategies is the capstone subject in the Executive MBA degree. This subject challenges the traditional thinking about strategy and is designed for serious academic study by managers and practitioners who wish to apply high level conceptual and critical thinking skills to global business strategy and value innovation. The key issues addressed are how to plan and execute the steps required for initiating new international business ventures, how to meet the business challenges arising from international, social and environmental concerns, and technical innovation. The implications of cross-country differences in cultural, demographic and market conditions, strategy options for entering and competing in foreign markets, the growing role of alliances with foreign partners, the importance of locating operations in the most advantageous countries and the special circumstances of competing in such emerging markets are explored.

21874 Corporate Governance and Sustainability

8ср

Postgraduate

This subject examines corporate governance systems by which business corporations are directed and controlled, and how these may contribute to sustainable enterprise. Issues considered include the implications of the separation of ownership and control, $contrasting\ institutional\ systems\ of\ governance, competing\ theoretical$ explanations, the mechanisms of governance, the increasing significance of capital markets and the internationalisation of finance and regulation. The subject employs a stakeholder management perspective to analyse organisational strategies, values and operations that facilitate the development of sustainable, high-performing organisations, as well as enabling a balance between enterprise, society and the ecosphere. The subject focuses on how organisations develop a 'licence to operate and grow' through their relations with employees, wider society and the natural environment, developing skills in critical analysis, risk evaluation and management, scenario planning and stakeholder dialogue.

21875 Organisational Behaviour in Practice

8cp

Postgraduate

As organisations are primarily collections of people working together towards common goals, and the primary management task is to lead human resources in the effective pursuit of those goals, an understanding of organisational behaviour is critical to managers and the process of managing. Managing and leading people takes place in an increasingly complex and uncertain global environment. Furthermore, people are complex, multifaceted and not always predictable, and this is amplified when people are in dynamic relations: in groups, teams and organisations. In dealing with this dynamism, complexity and uncertainty, managers need to have knowledge and insight into behaviour that stands on solid foundations.

This subject is concerned with the systematic study of human behaviour within the context of organisations and seeks to provide an understanding and explanation of behaviour that provides such a foundation. Organisational behaviour is an applied field of study that aims to improve the performance of organisation members and enhance organisational effectiveness. Core issues upon which managerial and organisational success hinge, such as effective communication, decision making, creativity, teamwork, management of conflict, organisational culture and organisational change, are central topics in this subject. Effectively driving these vital processes requires knowledge and competencies in dealing with the complexities of people's personalities, values, attitudes, and perceptions; these issues are also covered. This subject is designed to help students develop into better leaders, managers and organisation members.

21877 Strategic Procurement

6ср

This subject focuses on the management of procurement of goods and services from a strategic perspective. Topics include procurement as a strategic function; key procurement issues such as outsourcing, sourcing strategies and relationships, total cost of ownership, inventory management and negotiations; and applications of procurement such as procurement of commodities, international and global sourcing, capital procurement, efficient consumer response, services procurement and corporate social responsibility and e-procurement and contract management.

21878 Organisational Dialogue: Theory and Practice

6cp

This subject is designed to develop students' sensitivity to the importance of organisational communication and dialogue. It enables students to evaluate communication practices in terms of their capacity to facilitate shared understanding among various organisational stakeholders. By integrating current management and communication theory, the subject emphasises the link between communication and the broader strategic and socio-cultural contexts of organisations. Cultural issues and leadership challenges are specifically considered to develop an understanding of the complexity of facilitating organisational dialogue. On a practical level, the subject assists students in developing their communication skills for academic and professional purposes.

21879 Corporate Social Responsibility and Social Impact

6ср

Postgraduate

This subject examines different approaches to identifying and analysing the social impact of corporate and not-for-profit organisations. It explores the potential usefulness and relative merits of various impact assessment methods, including social accounting and audit, social return on investment, log frame techniques and the merits and limitations of existing indices such as the Dow Jones Sustainability Index, Corporate Responsibility Index and Global Reporting Initiative. The subject also examines how corporations and community organisations can work together to further their respective objectives by exploring the challenges and opportunities associated with cross-sector partnerships.

21886 Integrated Business Consulting

8ср

Postgraduate

This subject draws on functional knowledge in business and applies this to live case studies. The subject is framed as a strategic consultancy, whereby students are expected to undertake professional assessment of clients' needs and challenges in order to provide viable solutions and rigorous business plans. Students are expected to work closely with the client, undertake primary research and analyse secondary data sources in order to identify business problems and design strategic business solutions. They work in teams to achieve innovative results for the client reflecting integrity in assessing the situation, communicating and justifying the results to the client and independent assessors.

21907 Research Methods and Approaches in Management and Organisations

6ср

Undergraduate

The subject provides the core philosophical underpinning for doing social scientific research in an informed and ethical way. Emphasis is placed on the research design process and introduces students to qualitative, quantitative, comparative and mixed research methods. This subject is offered to all students in the business faculties and is designed to complement advanced subjects across the disciplines (e.g. 21909 Advanced Organisation and Management Theorising, 24756 Philosophy of Science, etc.).

21908 Advanced Management and Organisation Research Methods

6ср

Undergraduate

The subject provides advanced knowledge and advice in the design, execution and writing up of research. The aim is to develop high quality, critical thinking, creative and productive academics and researchers of the future. The core assessment tasks are all directly relevant to student's research projects.

21909 Advanced Organisation and Management Theorising

6ср

Undergraduate

This subject provides research degree students with the theoretical skills to be able to engage with the highest quality research literature and understand the issues that frame the debates encountered. Topics included current and historical perspectives, metatheoretical approaches to management and organisation theory, and epistemological and ontological issues in theorising organizations and management.

21910 Researching Organisations and Management

6ср

Undergraduate

Exemplary research is well conceived, well executed, and well written. It is what scholars should aim to do. The purpose of this subject is twofold: 1) to introduce research students to the ideas and techniques that underpin particular examples of exemplary research; and 2) to help research students apply these ideas in the execution of their own research. Students not only critically evaluate examples of research but also explore the practice of research to identify key strategies and potential pitfalls that can affect their research process and timing.

21912 Thesis Proposal in Management (Honours)

6ср

Undergraduate

This subject requires students to produce a written thesis research proposal of about 6000 words that forms the basis of the research to be carried out in 21913 Thesis in Management (Honours). Students are allocated an academic supervisor from within the School of Management, with whom they meet regularly throughout their enrolment in the subject. The subject develops the student's competency in carrying out a critical review of the literature, choosing appropriate research methodologies, and the writing of research proposal.

21913 Thesis in Management (Honours)

18cc

Undergraduate

The honours thesis requires the student to produce a thesis of about 20,000 words based on an original problem of a theoretical or applied nature. The thesis is expected to demonstrate the student's competency to conceptualise, conduct and present research in a scholarly and independent manner.

21914 Readings and Reflecting on Management

6cp

Requisite(s): 21907 Research Methods and Approaches in Management and Organisations

There are also course requisites for this subject. See access conditions.

This subject is an advanced undergraduate research subject. It develops advanced understanding in a specialised area of interest such as strategy, operations management, leadership, the history of management thought, organisation behavior, or other relevant areas of management research.

21915 Management and Organisation Seminars

6cp

Requisite(s): 21907 Research Methods and Approaches in Management and Organisations

There are also course requisites for this subject. See access conditions.

This subject is a series of seminars that surveys in-depth one or two particular theoretical perspectives and issues studied in organisation and management theory (OMT) research. Organisation and management theory is a fertile area of social science because of the importance of understanding organisations, and it is the place where key challenges to traditional theory have emerged in recent times. This subject explores two or three topics in depth allowing students to gain a sense of the power of theory and its potential applications.

21982 PhD Thesis: Management

Оср

Postgraduate

Students must undertake original research, supervised by a senior member of the school's academic staff. Students must prepare a proposal, present it and gain approval before proceeding. The thesis should advance knowledge in the area of management, and should be of a standard publishable in an international refereed journal.

21990 Master of Business Thesis (Management)

Оср

Students are required to complete a thesis which is considered to involve an amount of study equivalent to four semesters for full-time study, and six semesters for part-time study. The thesis is expected to present original research of a theoretical or applied nature in management. It is not expected to advance knowledge, as is required in the case of a PhD thesis, but it should give evidence of the student's ability to engage in a substantial investigation, identify and analyse research problems and present the results in a coherent and scholarly manner.

22107 Accounting for Business Decisions A

6cp

Requisite(s): 26100c Integrating Business Perspectives These requisites may not apply to students in certain courses. See access conditions.

Undergraduate

In most economies business success is measured in financial terms. It is the accountants who undertake this measurement. Many decisions in business are made based on accounting information, both historical (based on past events) and projected (based on estimates of the future). Understanding accounting as a systematic way of measuring and communicating financial information on the financial status of various business entities is the foundation for any successful career in both the private and public business sectors.

First-year experience videos

- View commentary from students and academics about this first-year subject at:Student video: www.youtube.com/user/ utschannel#p/u/18/v0FGxodCgoQ
- Academic video: www.youtube.com/user/utschannel#p/u/29/ EEc60nprbNM

22157 Australian Corporate Environment

6cp; availability: Bachelor of Accounting students only For Bachelor of Accounting students only Undergraduate

This subject introduces students to the Australian corporate environment as part of their first Industrial Experience semester. Students undertake a variety of work-based assignments involving research into the structure of the sponsoring organisation they are training with, readings of current business journals, interviews with managers, and regular readings and homework from the set text.

22207 Accounting for Business Decisions B

6ср

Requisite(s): 22107 Accounting for Business Decisions A OR 22107c Accounting for Business Decisions A

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject applies accounting in an information systems context to equip students with the appropriate accounting skills necessary to participate in a managerial capacity, including the skills to facilitate and enhance decision-making, accountability and control. Ethical implications of decisions are considered throughout the subject. The subject covers areas in both financial and management accounting.

Note(s)

Students intending to enrol in the Accounting, Banking or Finance majors must complete this foundation core subject.

22240 International Accounting

6cp

Requisite(s): 22107 Accounting for Business Decisions A These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

In a rapidly changing world environment, the significance of international accounting has grown substantially, along with the expansion of international business activity. This subject introduces students to the importance of international accounting in global trade and gives them an awareness of the complex variables involved. Through the perspective of multinational corporations, students discuss and analyse major issues impacting global operations and research topical issues that drive their development and understanding of international accounting at work.

22309 Accounting for Overseas Transactions

6cn

Requisite(s): 22107 Accounting for Business Decisions A These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject introduces students to the basic concepts underlying the variety of accounting issues involved in the recording and reporting of overseas transactions. It covers relevant aspects of documentation, foreign exchange gains and losses, foreign exchange hedging, forward exchange contracts, effects of overseas inflation, financing overseas transactions and facilitation through government and nongovernment agencies. It provides skills and information needed to advise clients on overseas transactions. Concentration is placed on the operational and accounting treatment of foreign operations as distinct from a marketing or economic approach to the subject area.

Typical availability

Autumn semester, City campus Spring semester, City campus

22319 Financial Statement Analysis (Capstone)

6ср

Requisite(s): 22420 Accounting Standards and Regulations AND 25300 Fundamentals of Business Finance

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

The aim of this course is to demonstrate and apply a framework for business analysis and valuation using financial statement data. The emphasis of the course is on translating the tools of business analysis and valuation into practical situations. To achieve this, the course is relatively case intensive, with this method used to develop key skills as well as demonstrating their application. The course is intended for students interested in business consulting, investment banking, business analysis and corporate lending. Given the increasing trend towards a business analysis-based approach to auditing and assurance services, it is also relevant to those interested in public accounting.

22320 Accounting for Business Combinations

6cr

Requisite(s): 22207 Accounting for Business Decisions B These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

Together with 22420 Accounting Standards and Regulations this subject deals with the application and analysis of prescribed accounting treatments. It specifically surveys the institutional and legal framework of current Australian accounting with reference to international accounting standards and local and overseas standards and exposure drafts. The subject also emphasises financial reporting and accounting for companies including consolidated accounts of complex economic entities, associate companies and joint ventures.

22321 Cost Management Systems

6cp

Requisite(s): 22207 Accounting for Business Decisions B These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject introduces students to the basic concepts underlying management accounting, which is one of the core streams in the study of accounting. It provides an in-depth understanding of appropriate cost management concepts with an emphasis on the use of accounting information to understand and make decisions about the management of the cost structure of organisations. Students acquire a set of concepts, skills and techniques that are necessary for potential managers, with particular appreciation of the various issues and challenges faced by managers within organisations.

22420 Accounting Standards and Regulations

6cr

Requisite(s): 22207 Accounting for Business Decisions B These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject provides the ability to understand, critically evaluate and apply accounting standards and interpret financial reports. It considers the financial reporting environment and factors influencing the forms of financial reporting, and addresses a range of accounting issues from within a contracting cost framework.

22421 Management Decisions and Control

6ср

Requisite(s): 22321 Cost Management Systems These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject introduces the use of management accounting information to support managerial decisions and control within organisations. It emphasises decision and control issues in a contemporary environment and introduces appropriate decision and control concepts, techniques and skills. It also emphasises the ways in which accounting information can be used to understand and make decisions about the operational and strategic management of an organisation, and to control the implementation and ongoing management of such decisions.

22491 Financial Statement Analysis and Valuation

6ср

Undergraduate

The aim of this subject is to demonstrate and apply a framework for business analysis and evaluation using financial statement data. The emphasis is on translating the tools of business analysis and evaluation into practical situations. To achieve this, the subject is relatively case intensive, with this method used to develop key skills as well as demonstrating their application. The subject is intended for students interested in business consulting, investment banking, business analysis and corporate lending. Given the increasing trend towards a business analysis-based approach to auditing and assurance services, it is also relevant to those interested in public accounting.

22492 Understanding Financial Reports Prepared Under IFRS

6ср

Requisite(s): 22207 Accounting for Business Decisions B There are also course requisites for this subject. See access conditions.

Undergraduate

This subject provides the foundation for understanding international financial reporting standards (IFRS) and the ability to critically evaluate corporate financial reports. It considers the financial reporting environment and factors influencing the forms of financial reporting, and addresses a range of accounting issues from within a contracting cost framework.

22502 Financial Planning in Australia

6ср

Requisite(s): 22207 Accounting for Business Decisions B AND 25556 The Financial System AND 79017 Taxation Law

This subject provides students with an understanding of the financial planning processes in Australia from a professional practice perspective. The subject exposes students to a variety of alternative strategies for the management of personal financial risk exposures and links those strategies with a consideration of broader contemporary socioeconomic and sociolegal issues.

Students consider the interaction between stakeholder interests and the availability of products and service processes in the context of the effective management of potential ethical issues, and the need for the provision of effective professional services while maintaining ongoing compliance with the requirements of the financial services sector regulatory environment.

22515 Computer-based Accounting

6cp

Requisite(s): 22207 Accounting for Business Decisions B These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject introduces the concepts of computerised accounting and the general operation of several microcomputer accounting packages. It also provides opportunities for students to gain experience in the installation and operation of accounting packages for small business. Topics covered include the development of an accounting framework for small and medium enterprises; and the selection, application and operation of microcomputer accounting packages including general ledger, cash book, accounts receivable, accounts payable and inventory. The subject also covers the statutory reporting requirements of SMEs from a professional practice perspective.

22520 Corporate Reporting: Professional and Conceptual Issues

6ср

Requisite(s): 22320 Accounting for Business Combinations AND 22420 Accounting Standards and Regulations

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This is a capstone subject involving the conceptual framework for the accounting theory underlying the information content and disclosure requirements of contemporary corporate reporting. Topics covered include the evolution of accounting thought and language; the development of accounting principles and structure; the nature and role of theory; theory construction and verification in accounting; positive accounting theory and methodology; accounting information and securities markets; information asymmetry - creative accounting practices and insider trading information; accounting earnings and security prices; accounting disclosure regulation rationales; contracting process and agency relationships; the role of accounting numbers in management compensation plans and corporate debt contracts; accounting and the political process; and accounting ethics and behavioural research in accounting.

22522 Assurance Services and Audit

6ct

Requisite(s): 22320 Accounting for Business Combinations AND 22420 Accounting Standards and Regulations

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

conditions.

Undergraduate

This subject addresses the provision of assurance services. It focuses mainly on the attest services offered by auditors to provide credibility of information in company and other organisation financial statements. The subject studies the audit process of understanding client's operations and risk, analytical review and the pivotal importance of evaluation of the quality of client internal control and evaluates internal control in a COSO framework. The subject provides an understanding of professional, ethical and legal requirements and responsibilities in completing and reporting on assurance tasks. It is accredited by the accounting professional bodies.

22523 Assurance for e-Business

6cp

Requisite(s): 22107 Accounting for Business Decisions A AND 24307 e-Business Foundations

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject addresses the accounting and assurance implications of doing business electronically including accounting's role in attesting to the credibility of information. It considers consumer-to-business and business-to-business e-commerce transactions in traditional and ERP (such as SAP) environments. It examines services such as WebTrust for attesting reliability and integrity of websites, and researches and develops methodologies to attest that credibility of information. Students gain substantial first-hand experience in undertaking assurance and auditing services for e-commerce, and develop skills in understanding, providing and communicating assurance services for e-commerce.

22566 Small Business Management and Accounting

6ср

Undergraduate

This subject develops the knowledge and skills required by accountants in dealing with the problems that are unique to their professional work in the small business sector. It highlights and emphasises the practical matters associated with the initiation and growth of a small business. Topics covered include an overview; the requirements of establishing a business — the stops and structures; economic business cycles' growth and future; acquiring and/or financing the business; accounting — records, control, costing and pricing; financial analysis and management; appraisals and acquisitions; the growing trend towards franchising as a form of small business; taxation and tax planning; insurance and risk; business disaster planning and recovery; and business and financial planning and budgeting.

22567 Planning and Control for Small Business Enterprises

6ср

Requisite(s): 22107 Accounting for Business Decisions A These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject provides students with the skills required to successfully operate a small business enterprise. Students are required to analyse financial data of small business enterprises and develop integrated business plans. The subject highlights the practical matters associated with small business enterprise start-up, operations accounting and management. It also provides an opportunity for students to gain a thorough understanding of planning and controlling small business operations.

The subject provides students with a better understanding of basic accounting procedures and strengthens their knowledge of cost accounting techniques. It builds on the skills in the use of computer technology and software, particularly spreadsheet applications, to increase student's proficiency in this area.

Topics covered include the use of spreadsheets, performance evaluation, budgeting, cash-flow analysis, sensitivity analysis, financing, planning for innovation, sustainability and environment management, and challenges and issues faced by contemporary Australian small business operators.

22573 Accountability of Small Business Enterprises

6ср

Requisite(s): 22566 Small Business Management and Accounting Undergraduate

This subject develops the knowledge and skills required by accountants and managers of small business enterprises in dealing with record keeping and compliance requirements. It highlights and emphasises the link between accounting records, taxation reporting and administration of employees. Topics covered include an overview of the basic taxation requirements for small business enterprises from registering an Australian Business Number (ABN) to reporting

Business Activity Statements and preparing income tax returns; management of employees from employing new staff to planning for retirement; planning business succession or closing down a business; compliance with various employee-related requirements such as payroll tax, insurances, superannuation and statistical reporting.

22605 Accounting Information Systems

6cp; availability: Bachelor of Accounting students only Undergraduate

This subject introduces the role of information systems in supplying both qualitative and quantitative financial information to management within large organisations. Extensive practical experience on PCs allows students to be fully productive in their subsequent first internship.

22610 Accounting for Insolvency

6ср

Undergraduate

This subject provides students with a study of accounting for insolvency that is an optimal stream in the study of accounting discipline. It provides an essential set of concepts, skills and techniques to business majors who are potential managers in business. The subject is also designed to provide students with learning experiences that enable them to gain an understanding of the financial management mistakes leading to these business failures or near failures. It develops an understanding and an appreciation of the accounting requirements for business enterprises that are insolvent. It encourages students to develop a basis for research and analytical skills specifically appropriate for diagnosing issues and problems as well as evaluating and interpreting the different characteristics related to business rescue, reconstruction and liquidations by the use of case studies and participating in a group research project. The subject covers a number of important current events and does not only inform students about the major issues, ideas and developments, but also stimulate further inquiry and debate.

22677 Capstone Project: Financial Strategy and Leadership

6cp; availability: Bachelor of Accounting students only Requisite(s): 22321 Cost Management Systems AND 22421 Management Decisions and Control

There are also course requisites for this subject. See access conditions.

For Bachelor of Accounting students only Undergraduate

This subject integrates previous studies in accounting, finance and management in the context of the role of the financial control system in a large organisation. It emphasises the development and application of analytical skills in identifying and solving organisational problems and develops the leadership and teamwork skills required from a person in an executive role within a large organisation. This subject is taken by students during their second internship.

22705 Management Planning and Control

6ср

Requisite(s): 22753 Cost Management and Analysis These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject examines the role of management accounting in the process of planning, control and performance evaluation of contemporary organisations at corporate, division and functional levels. It talks about what it means to have an organisation be in control, what alternatives managers have for ensuring good control and how managers should choose from among control system alternatives. It then focuses on financial control systems, financial targets setting, performance measurement and evaluation, and the assignment of various forms of organisational rewards (and punishments). Finally, planning, control and performance evaluation issues of inter-organisational collaboration ventures and international operations are examined. The subject takes mostly a user perspective. At least some of the material covered in this subject is relevant to students no matter what kind of organisation they work in and what function they have in that organisation.

22708 Accounting Information Systems

6ср

Postgraduate

This subject provides students with a broad knowledge of the fundamentals of accounting data management and analysis, modelling of decision problems, business process execution and control and information integration. The subject also introduces examples of accounting information systems software for both SMEs and large enterprises (enterprise systems software). Models and software tools are used in order to plan and simulate the process of the transformation of real-world complexity into accounting figures and in order to highlight the interdependencies between different business functions. The subject also emphasises the role of computerised accounting systems in internal control and demonstrates how to evaluate the effectiveness and limitations of control systems.

22730 Auditing and Assurance Services

6cn

Requisite(s): 22748 Financial Reporting and Analysis AND 22754 Corporate Accounting AND 22747 Accounting for Managerial Decisions

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

This subject addresses the provision of auditing and assurance services. It focuses mainly on the attest services offered by auditors to provide credibility of information in company and other organisation financial statements. It also considers the expansion of assurance services beyond the traditional financial statement audit into such areas as risk assessment, information system reliability, asset protection, detection and prevention of fraud and electronic commerce. It also deals with the methodology necessary to complete a financial statement audit or to provide other assurance services, and the criteria and professional standards used to measure information quality and integrity. The subject studies the audit process of understanding client's operations and risk, analytical review and the pivotal importance of evaluation of the quality of client internal control and evaluates internal control in a COSO framework.

While internal control systems are evaluated assuming a business environment where information systems are an integral part of control systems and client operations, a variety of information technology environments (including the use of enterprise resource planning (ERP) systems such as SAP e-commerce applications) are introduced. The subject provides an understanding of professional, ethical and legal requirements and responsibilities in completing and reporting on assurance tasks. It is accredited by the accounting professional bodies.

22743 Business Valuation and Financial Analysis

6cp

Requisite(s): ((25742 Financial Management OR 25746 Financial Management: Concepts and Applications) AND 22748 Financial Reporting and Analysis AND 22754 Corporate Accounting AND 22747 Accounting for Managerial Decisions)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The aim of this subject is to demonstrate and apply a framework for business analysis and valuation using financial statement data. The emphasis is on translating the tools of business analysis and valuation into practical situations. To achieve this, the subject is relatively case intensive, with this method used to develop key skills as well as demonstrating their application. The subject is intended for students interested in business consulting, investment banking, business analysis and corporate lending. Given the increasing trend towards a business analysis-based approach to auditing and assurance services, it is also relevant to those interested in public accounting.

22744 Strategic Resource Management

6ср

Requisite(s): 22747 Accounting for Managerial Decisions OR 22784 Accounting: Concepts and Applications OR 22746 Managerial Accounting

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject develops knowledge and skills in the design of cost systems of firms to improve the effectiveness of pricing, product and customer mix decisions, and product and process design. It incorporates the latest developments in the field of cost management accounting, such as value chain analysis, activity-based costing, new technology such as FMS and its impact on the design of cost management systems, and the design of non-financial performance measures used in benchmarking quality.

22747 Accounting for Managerial Decisions

6cr

Requisite(s): 21878c Organisational Dialogue: Theory and Practice These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

The subject aims to expose students to the nature and use of accounting information as used by managers to plan and control business operations as well as for decision support. The subject is intended to prepare students to understand and use accounting information for decision support, analysing historical operations and planning future business activity. This subject provides a sound grounding in the application of accounting concepts and techniques used to gain intelligence about all aspects of business operations.

The topics comprise a mix of financial and management accounting. The financial accounting topics concern the basic financial statements, their analysis and the concepts and procedures that underpin their preparation. The management accounting topics relate to cost and profit planning, and the use and application of financial information to support management decision activity for both routine and nonroutine business situations.

Typical availability

Summer session, City campus

22748 Financial Reporting and Analysis

6cr

Requisite(s): 22747 Accounting for Managerial Decisions OR 22784 Accounting: Concepts and Applications

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The principal aim is to provide students with the skills and competencies to undertake accounting analysis. Accounting analysis is a tool in performing business analysis using financial statements. In making accounting analyses, students distinguish between the information revealed by management on the firm's underlying business activities, the sources and effects of distortions of this information that can be induced into the accounting numbers and the errors that can arise in accounting estimates used in accounting numbers. This is an intermediate level financial accounting subject.

22753 Cost Management and Analysis

6ср

Requisite(s): 22747 Accounting for Managerial Decisions OR 22784 Accounting: Concepts and Applications

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Management accounting information systems are one of the main decision-support systems in organisations. This subject introduces students to quantitative and qualitative techniques for the analysis of business operations using accounting and financial management measurement and analytical tools. This subject equips students with the skills and knowledge to design and use effective management accounting information for planning and controlling organisational activities.

Topics include forecasting revenues and costs, cost behaviour and cost-volume-profit analysis, business planning and cost control using budgeting and variance analysis. Data analysis and conversion to information products utilising information technology productivity tools is applied to practical 'real-life' decision situations confronting managers, paying particular emphasis on building sustainable organisations.

22754 Corporate Accounting

6cp

Requisite(s): 22747 Accounting for Managerial Decisions OR 22784 Accounting: Concepts and Applications

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject examines the institutional and legal framework of modern Australian financial accounting. The main topics include accounting for acquisition of assets including business enterprises; valuation and goodwill; consolidated accounts of complex economic entities; accounting for associate companies and joint ventures; and corporate restructuring.

22759 Accounting and ERP

6cp

Requisite(s): 22747c Accounting for Managerial Decisions OR 22784c Accounting: Concepts and Applications

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject introduces students to accounting with enterprise resource planning systems (ERPS) and provides an integrated view on accounting, information management, and business processes management in an ERPS. Students get the opportunity to manage master data, day-to-day transactions and periodic/closing transactions in accounting in a virtual company implemented in a 'real world' market-leading ERPS (SAP ERP). Cross-functional automation and control features in ERPS are demonstrated, and students manage cross-functional business processes within their own virtual accounting environment.

22766 Assurance for Enterprise Systems

6ср

Requisite(s): 22759c Accounting and ERP

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This advanced accounting information systems subject deals with assurance and control issues in an integrated systems (enterprise systems) environment. The control frameworks evaluated include management/general controls, task controls and application controls. Students gain advanced financial reporting skills for detective control and learn how complex authorisation profiles and automation can be used as preventive controls in an enterprise systems environment. In an extensive case study, students have to demonstrate and deepen their theoretical knowledge and practical skills with SAP solutions.

22768 Decision Support in Contemporary Organisations

8cp; availability: Executive MBA (C04031) students only Requisite(s): 22767 Accounting for Executive Management There are also course requisites for this subject. See access conditions.

Executive MBA (C04031) students only Postgraduate

Internal management information systems are the lifeblood of executive decisions. Integrated business solutions help managers to control and make value-adding decisions about products, customers, and business units; develop successful revenue strategies; monitor projects, joint ventures and strategic alliances; and develop the right e-business plans and strategies.

22771 Accounting for Public, Leisure and Community Organisations

6ср

Postgraduate

This subject is concerned with accounting from a 'user' rather than a 'practitioner' perspective. It focuses on effective management and decision-making through the development and application of analytical skills from accounting and finance. The subject equips graduates with appropriate skills in accounting, finance and management. Topics include the nature and purpose of accounting; basic accounting concepts and key financial statements; analysis and interpretation of financial statements; finance, financing and financial vulnerability; audit and external review; costing products and services; internal control and internal control systems; and strategic and business planning.

22772 Current Issues in Enterprise Systems

6ср

Postgraduate

The general objective of this subject is to provide accounting students with skills in emerging technologies and systems for business information system management. The content of the subject varies from year to year in order to provide the flexibility to address contemporary issues in enterprise systems. Specific topics could be accounting for projects, advanced corporate reporting tools, marketing accounting, enterprise simulation tools, e-learning concepts for accounting systems, etc.

22774 Strategic Enterprise Management Systems

6cn

Requisite(s): 22782c Business Process Integration with ERP These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject provides students with knowledge of advanced concepts in management accounting and with advanced skills in implementing these concepts in integrated information systems (extended ERP systems and data warehouses). Commercial strategic enterprise management systems packages are used as tools to demonstrate both the management accounting aspects and the information systems aspects of the strategic performance management. Students learn how to design a Balanced Scorecard for a virtual enterprise, and also acquire skills implementing it into complex enterprise software.

22776 Business Information Systems

6ср

Postgraduate

In this subject students explore the role of information systems in the modern business environment and examine a broad range of issues including IT governance and strategy, IT infrastructure management, the role of IT in supporting business processes, data warehousing/business intelligence, e-business and environmentally sustainable IT. Practical examples of both successful and failed information systems projects are presented and discussed in the light of the 'IT Productivity Paradox'. An important objective of the subject is to provide students with the opportunity to discuss and debate the ethics regarding the use of IT and information systems in modern organisations and society.

22777 International Accounting

6cn

Requisite(s): 22747 Accounting for Managerial Decisions OR 22784 Accounting: Concepts and Applications

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

In the context of many corporations operating in an extensive global business environment, this subject explores the causes and effects of diversity in corporate financial accounting and evaluates the efforts undertaken to harmonise accounting standards and practice internationally. The identities and interests of stakeholders in this process are considered. The subject is intended to equip students with the knowledge and skills to appreciate the characteristics and limitations in the interpretation of accounting reports originating from various countries and that arise from diverse cultural and other factors impacting on each country's national accounting profession.

22782 Business Process Integration with ERP

6ср

Requisite(s): 22759 Accounting and ERP OR 21741 Managing Operations

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This capstone-type subject focuses on the integrative nature of operational business plans and actual business processes, and it demonstrates how organisations can implement those plans and execute/control those processes in enterprise resources planning systems (ERPS). The subject provides students with knowledge about the theoretical concepts and techniques used in operations management/supply-chain management and cost accounting, and it also exposes them to the practical representation of those concepts and techniques in a large-scale, highly integrative ERPS (currently SAP ERP). An extensive group project provides students with strong exposure to real-world (implementation) issues at the interface of operations management, cost/financial accounting and information management with enterprise systems.

22783 Business Intelligence 2: Advanced Planning

6ср

Requisite(s): 22708 Accounting Information Systems AND 22759 Accounting and ERP

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

Understanding and applying advanced planning and optimisation methods for supply chain management are essential skills of management accountants in today's business. This subject deals with techniques that generate optimised executable plans in response to rapid changes in supply or demand (demand planning, profit maximisation through demand and supply optimisation, integrated, value-based supply chain management). Interactive, problem-based electures and seminars demonstrate these management accounting concepts and allow students to practise in real-time how these techniques can be applied using the SAP products for advanced supply-chain management.

22787 Business Project Management

6ср

Postgraduate

This subject takes a holistic and business-oriented approach to the management of projects. Topics covered include project definition, roles and responsibilities, project planning, managing project risk, resource management, time and cost estimation, project control and reporting, measuring project success, and post-implementation review. Project management software is used to assist with resource allocation, costing and schedule. Students are required to form project teams and manage their own projects throughout the teaching period.

22797 Business Intelligence 1: Advanced Analysis

6ср

Requisite(s): 22776 Business Information Systems OR 22708 Accounting Information Systems

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject introduces students to data warehousing and data mining, key issues in future information management in an environment in which the filtering and aggregation of external (e.g. WWW) and internal information becomes the critical success factor. The SAP New Dimension Product, Business Warehouse, is used in order to practise the procedures in data warehouse design and in order to demonstrate the integration of data warehouses with other business information systems, above all, the application of information generated in data warehouses for management accounting and decision-making.

22814 Accounting Information for Managers

8cp

Postgraduate

This subject develops accounting knowledge and its application in the management of business activity. It integrates accounting with other aspects of managerial decisions including general management, finance, production, marketing and human resource decisions. The subject is divided into two parts, with the first part introducing students to the interpretation and analysis of financial statements and their practical applications. The second part focuses on management accounting issues including budgeting, variance analysis, cost allocations and internal performance measurement and reporting systems. Students are required to undertake a 'real-life' syndicate case study based on a listed public company.

22815 Business Decisions and Models

8cr

Requisite(s): 22814 Accounting Information for Managers AND 25846 Managerial Finance

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject introduces students to quantitative techniques for forecasting, planning and analysing business operations, using accounting and financial management measurement and analytical tools. Statistical data analysis and business modelling techniques are applied to generate forecasts of future business operations to provide quantitative information support for management decision-making. The consideration of internal organisational and external environmental factors with regard to the revenue streams and the impact of economic indicators on business activity are also considered. Data analysis and conversion to information products, utilising information technology productivity tools, are applied to practical 'real-life' situations confronting managers.

22816 Financial Analysis and Business Valuations

8cn

Requisite(s): 22814 Accounting Information for Managers AND 25845 Managerial Economics AND 25846 Managerial Finance AND 25841 Decision Making Tools

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject explores the latest developments in accounting methods and practices used to analyse and value business operations. It examines the information content of financial statements and how this information, coupled with global, industry and company-specific financial data, aids in the development of models to predict future profits and cash flows. These models are then applied in the context of corporate restructuring, acquisition and mergers, private equity considerations, bankruptcy predictions and fundamental equity valuations. Students are required to evaluate and apply valuation techniques based on pre-configured computer-based spreadsheet valuation templates.

22901 Accounting Research and Consulting Skills

6ср

Undergraduate

The subject introduces students to the notion of scientific and applied research. Building on these frameworks, students are taught how to identify research questions, develop theoretical frameworks and empirically test their theories. Students are also given insight into how to structure research reports.

22902 Financial Reporting, Capital Markets and Disclosure

6ср

Undergraduate

The subject introduces students to the notion of scientific and applied research in financial accounting. Building on these frameworks, the students are taught how to identify research questions, develop theoretical frameworks and test empirically their theories. Students are also given insight into how to structure research reports.

22903 Contemporary Issues in Management Accounting Research

6ср

Undergraduate

The subject entails an overview of historical and contemporary developments in management accounting theory and research plus a detailed review of research in specific topic areas. In any one year three to four major topic areas are selected from the wide diversity of research on management accounting, with an emphasis on contemporary developments.

22906 Thesis in Accounting

24cr

Requisite(s): 22901 Accounting Research and Consulting Skills AND 22902 Financial Reporting, Capital Markets and Disclosure AND 22903 Contemporary Issues in Management Accounting Research AND 22908 Economics of Auditing and Assurance Services There are also course requisites for this subject. See access conditions.

Undergraduate

This subject requires the student to produce a 20,000-word (maximum) thesis based on an original problem of a theoretical or applied nature. The thesis is expected to demonstrate the student's competency to conceptualise, conduct and present research in a scholarly and independent manner.

22908 Economics of Auditing and Assurance Services

6cp

Undergraduate

The subject introduces students to the notion of scientific and applied research in auditing and corporate governance. Building on these paradigms, students are taught how to identify research questions, develop theoretical frameworks and test empirically their theories.

22909 Thesis in Accounting (PT)

12cp

Undergraduate

This subject requires the student to produce a 20,000-word (maximum) thesis based on an original problem of a theoretical or applied nature. The thesis is expected to demonstrate the student's competency to conceptualise, conduct and present research in a scholarly and independent manner. Students may complete the thesis in a maximum of three semesters.

22982 PhD Thesis: Accounting

Оср

Postgraduate

Students must undertake original research, supervised by a senior member of the school's academic staff. Students must prepare a proposal, present it and gain approval before proceeding. The thesis should advance knowledge in the area of accounting, and should be of a standard publishable in an international refereed journal.

22990 Master of Business Thesis (Accounting)

0cp

Students are required to complete a thesis which is considered to involve an amount of study equivalent to four semesters for full-time study, and six semesters for part-time study. The thesis is expected to present original research of a theoretical or applied nature in accounting. It is not expected to advance knowledge, as is required in the case of a PhD thesis, but it should give evidence of the student's ability to engage in a substantial investigation, identify and analyse research problems and present the results in a coherent and scholarly manner.

22991 Thesis in Accounting (BAcc)

24ср

Honours

This subject requires the student to produce a 20,000-word (maximum) thesis based on an original problem with a professional or applied impetus. The thesis is expected to demonstrate the student's competency to conceptualise, conduct and present research in a scholarly and independent manner.

23021 Labour Economics

6cp

Requisite(s): 25562 Economics of the Firm OR 25567 Intermediate Microeconomics

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

Labour Economics applies the knowledge and skills students have developed in Intermediate Microeconomics to the functioning of modern labour markets, with a specific focus on the Australian context. Students expand their knowledge of economic concepts to include those that can be used to rationalise firms' and workers' behaviour in the labour market, and students use these concepts to critically evaluate labour market policies. They investigate individual differences in wages and employment, assess the economic effects of minimum wage laws, payroll taxes and education subsidies, and explore the institutional features, historical trends and current policy issues in Australian labour markets.

23022 Public Economics

6cp

Requisite(s): 25562 Economics of the Firm OR 25567 Intermediate Microeconomics

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject applies and extends the knowledge and skills students have developed in Intermediate Microeconomics to an analysis of the economic rationale for collective choice and government intervention in the economy. It explores and evaluates the government's ability to identify and achieve more efficient and equitable outcomes. Students extend their knowledge of welfare economics and examine the motivation behind government intervention in the economy. They see why a market economy fails to achieve efficient solutions in the presence of public goods, externalities, natural monopoly and asymmetric information. The subject explains the mechanisms of collective choice, cost-benefit analysis and income redistribution and explores the theory of taxation. Students enhance their ability to distinguish between progressive and regressive taxes, between formal and effective incidence, and between efficient and equal taxes. They also examine how individuals react to income taxes and benefits by modifying their labour supply and consumption behaviour. Finally, the subject presents specific sectors where government intervention is traditionally active, such as health care and education, with emphasis on the Australian economy.

23115 Economics for Business

6ср

Requisite(s): 26100c Integrating Business Perspectives These requisites may not apply to students in certain courses. See access conditions.

Undergraduate

This subject provides students with a basic understanding of the economic influences on business. It offers an introductory treatment of consumer and business behaviour across a range of industry structures and the basic economic concepts used in business analysis and decision-making. It also introduces students to the problem of aggregate economic fluctuations, inflation and the structure of economic relations between countries. Economics for Business also equips students with basic analytical skills to examine the impact of these macroeconomic forces on business conditions and to communicate the results of their analysis in writing.

23304 Asian-Australian Economics Relations

6ср

Requisite(s): (25115 Economics for Business AND (26134 Business Statistics OR 35101 Introduction to Linear Dynamical Systems OR 33130 Mathematical Modelling 1))

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject gives an overview of the Asian region, its political economy and its economic relationship with Australia. The focus is on those Asian economies that have significant trading relations with Australia. Emphasis is given to exchange rate changes, dynamic

comparative advantage driving changing trade patterns, the political economy and sources of economic growth, regional and global market failure, and comparisons of key macroeconomic variables such as inflation, GDP, unemployment, asset prices and interest rates.

23418 Economics of Money and Finance

6cp

Requisite(s): 25567 Intermediate Microeconomics AND ((25568 Intermediate Macroeconomics OR 25555 Macroeconomics: Theory and Applications))

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject equips students with the conceptual tools to more thoroughly understand and interpret monetary phenomena in the macroeconomy. It develops the treatment of macro models in intermediate macroeconomics using key frameworks from intermediate microeconomics and uses this treatment to examine various explanations of interest rate determination, the interaction between money, inflation and output, and the functions and regulation of financial intermediaries. This provides a detailed framework for carefully investigating the principles and operation of monetary policy and enables students to develop the skills to evaluate recent challenges and developments in monetary policy implementation.

23491 International Trade and Investment

6cn

Requisite(s): 25115 Economics for Business

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject introduces students to models, frameworks and issues in international trade theory and policy including analytical tools for evaluating the welfare and income distributional consequences of various trade policies. These tools have application not only in academic research but also business and government decision making. The subject covers the main theories of international trade, the impact of trade on economic growth, determination of foreign exchange rates, multilateral trading systems and institutions, regional trade and cooperative agreements and the effects of trade policy interventions such as tariffs, quotas, and subsidies.

23564 Labour and Industry in the Global Context

6ср

Requisite(s): [25115 Economics for Business AND (26134 Business Statistics OR 35101 Introduction to Linear Dynamical Systems OR 33130 Mathematical Modelling 1]]

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject examines the effects of institutional structures on the operation of the Australian labour market and the role of government policy in this market with special attention to the economic and cultural implications of immigration. Labour and Industry in the Global Context also examines recent changes in the international and Australian economies and the impact of these changes on industry and job structures. Students are equipped to evaluate labour market and industry trends as well as current policy debates.

23565 Mathematics for Economics and Business

6ср

Requisite(s): 25115 Economics for Business AND 26134 Business Statistics

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject introduces students to a range of mathematical techniques used widely in economics and stresses the importance of understanding the logic of these techniques and the kinds of economic problems to which they can be applied. The subject enables students to analyse a number of economic problems from a mathematical perspective and to incorporate this analysis within a wider understanding of these problems.

23566 Economics for Business 2

6ср

Requisite(s): (25115 Economics for Business AND (26134 Business Statistics OR 35101 Introduction to Linear Dynamical Systems OR 33130 Mathematical Modelling 1))

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

Economics for Business 2 examines a number of core issues in economics that extends the foundational treatment received in 25115 Economics for Business. These issues include how consumers choose between alternative combinations of goods and services, how markets may fail to provide some goods, solutions to economic problems such as pollution, trade between countries and systems of international payments, the implications of fiscal policy decisions for levels of public debt, and the forces that affect long-run economic growth.

Students extend their knowledge of foundational economic issues and further enhance their ability to both analyse economic phenomena and critically evaluate government policy. Economics for Business 2 prepares students for more advanced study in economics, finance and other areas of business that draw heavily on economic principles.

23567 Intermediate Microeconomics

6cp

Requisite(s): (25566 Economics for Business 2 AND 25565 Fundamentals of Mathematical Economics) OR (25555

Macroeconomics: Theory and Applications AND 25622 Quantitative Business Analysis)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

Intermediate Microeconomics extends students' knowledge and understanding of microeconomic phenomena and the environment within which consumers and businesses operate, as developed in 25115 Economics for Business and 25566 Economics for Business 2. It develops the ability of students to analyse and critically evaluate these microeconomic issues by equipping them with formal concepts and models that employ techniques developed in 25565 Fundamentals of Mathematical Economics.

Issues considered in this subject include the theory of consumer choice, competitive strategy and firm behaviour under various market structures, comparative welfare outcomes produced by different market forms, externalities arising from market failure such as pollution and environmental issues, and analysis of public goods. Intermediate Microeconomics prepares students for further study in a range of specialised microeconomic fields.

23568 Intermediate Macroeconomics

6cr

Requisite(s): (25566 Economics for Business 2 AND 25565

Fundamentals of Mathematical Economics) OR (25555

Macroeconomics: Theory and Applications AND 25622 Quantitative Business Analysis)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject extends the treatment of macroeconomics in 25115 Economics for Business and 25566 Economics for Business 2 by introducing students to more formal models that are used to explore issues of current macroeconomic significance. Attention is also given to the operation of macroeconomic policy within these frameworks.

Students broaden their knowledge of current macroeconomic events, develop their abilities to critically analyse macroeconomic phenomena and enhance their skills in effectively communicating the results of their analysis in written form.

23569 Economic Growth and Development

6ср

Requisite(s): 25567 Intermediate Microeconomics AND 25568 Intermediate Macroeconomics

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

At the dawn of the 21st century, nations of the world exhibit large differences in material prosperity. Within countries too, the standard of living of the urban elite often contrasts sharply with the rural poor. Economic Growth and Development extends the treatment of economic growth in 25568 Intermediate Macroeconomics incorporating formal behavioural models from 25567 Intermediate Microeconomics.

It develops students' knowledge and understanding of economic growth by considering a wider range of explanations for this phenomenon and applies these explanations to the large differences in material prosperity and policies designed to address this problem.

23570 Economics of the Environment

6ср

Requisite(s): 25115 Economics for Business AND 26134 Business Statistics

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Undergraduate

Economics of the Environment provides students with an understanding of the contribution economic analysis can make to the solution of environmental problems. After setting the current interest in the environment into its post-industrial-revolution context, the subject examines externalities, ill-defined property rights and the management of natural resources. This leads to questions of valuing the environment (either economically or according to some other criterion), and how to satisfy the legitimate claims of future generations through so-called sustainable development. The subject focuses on the policy question of pollution control and natural resource depletion, applying various policy tools to contemporary examples.

23571 Introductory Econometrics

6ср

Requisite(s): 25565 Fundamentals of Mathematical Economics AND 26134 Business Statistics

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

Introductory Econometrics equips students with a general knowledge of regression analysis and model building, which stands them in good stead for basic empirical work in business environments. In particular, students are able to quantify the effects of causal variables and predict using regression models. The approach to modelling, and the reasoning about multi-variable empirical relationships, strengthens students' analytic skills.

23572 Applied Microeconometrics

6ср

Requisite(s): 25571 Introductory Econometrics

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Undergraduate

Applied Microeconometrics equips students with a general knowledge of model building, which stands them in good stead for basic empirical work in business environments. It provides students with the analytic tools required for further study in cross sectional econometrics. The approach to modelling, and the reasoning about multi-variable empirical relationships, strengthens students' analytic skills.

23580 The Global Economy (Capstone)

6ср

Requisite(s): 25567 Intermediate Microeconomics AND 25568 Intermediate Macroeconomics

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This capstone subject outlines an economic perspective on contemporary globalisation. This is done by considering trade theory and open economy macroeconomics, by internationalising concepts that apply equally within economies and by considering perspectives on globalisation. It emphasises contemporary debates related to the global mobility of capital, trade and labour. The subject focuses on policy solutions for global challenges, such as poverty and environmental degradation, and on understanding the worldview of the advocates of particular policy solutions. Students are guided to their own reflective conclusions about the applicability and limitations of mainstream economic analysis.

23591 Economics of Law

6cp

Requisite(s): 25567 Intermediate Microeconomics

Undergraduate

This subject introduces economic concepts underlying the law. It examines and critiques various aspects of the law from the perspective of economics and applies economic tools and concepts to the interpretation and analysis of law and legal institutions.

23592 Game Theory

6cp

Requisite(s): 25115 Economics for Business

Undergraduate

This subject introduces students to game-theoretic concepts used in solving a wide range of economic and non-economic problems. It provides a range of techniques for analysing strategies in both cooperative and non- cooperative settings and explores many applications.

23593 Industrial Organisation

6ср

Requisite(s): 25567 Ver 2 Intermediate Microeconomics Undergraduate

Industrial Organisation examines the relationships between firms strategies and the market and regulatory environment in which they operate. The subject introduces students to the methods and models used by economists to analyse the behaviour of firms and industries. The models are applied to a range of problems in both the private and public sectors.

23623 Alternative Perspectives in Contemporary Economics

6ср

Requisite(s): ((25567 Intermediate Microeconomics AND 25568 Intermediate Macroeconomics) OR 25562 Economics of the Firm) These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

Nowadays economics and finance contain an exciting diversity of instructive approaches. The first objective of this subject is to explore the main schools of thought in contemporary economics in order to provide an overview of the field as a whole, to introduce students to different analytical approaches and to provide an understanding of what each school has to offer. The schools of thought are drawn from a set that includes neoclassical economics, behavioural economics, post-Keynesian economics, institutional economics, ecological economics and radical political economy. Each perspective is examined in terms of its conceptual foundations, modes of analysis, and strengths and weaknesses. The second objective of the subject is to enable students to develop skills that are beneficial in the workplace. These include creativity and the ability to innovate, communication skills (oral and written), the ability to work in teams, critical thinking, leadership, cultural awareness and independent learning. The subject uses debates, presentations and games, which together provide an environment highly conducive to the development of these skills.

23706 Economics for Management

6cp

Requisite(s): 21878c Organisational Dialogue: Theory and Practice These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject comprises two parts which deal with the fundamental principles of microeconomics and macroeconomics as they relate to business management. The microeconomics part of the subject examines the forces of supply and demand, consumer behaviour, the nature of production costs, price setting by firms in a range of market types, the rationale and ethical underpinnings of trade practice restrictions and the fundamental forces affecting international trade. The macroeconomics part of the subject is concerned with the larger scale aspects of the economic systems in which businesses operate. It examines the determinants of gross domestic product, the behaviour of the general price level and inflation, unemployment, and the forces that affect the general rate of interest. Attention is also given to the nature, ethical rationale and impact of government policies on the macroeconomic environment and business conditions.

23781 Readings in Economics

6ср

Postgraduate

Students wishing to enrol in this subject should seek the approval of the head of the Economics Discipline Group.

23787 Health Technology Assessment

6ср

Postgraduate

This subject provides knowledge of the context and methods of health technology assessment, particularly the use of health economics theory and methods, economic evaluation and clinical epidemiology in evaluating the implications of the introduction of new health care interventions, including procedures, diagnostic tests, devices and drugs. The subject covers how to define a health technology assessment question, identify appropriate data, methods of analysis and interpretation of results.

23845 Managerial Economics

8ср

Requisite(s): 25841 Decision Making Tools

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject introduces the theory of the firm and other major economic themes that provide students with an understanding of managerial decision-making. It outlines the economic forces that influence corporate strategy, enabling participants to acquire a range of skills and expertise expected of corporate managers. The outcomes are achieved using learning strategies that foster the application of leading-edge practices to meet the business challenges arising from international forces, and technical and knowledge innovation.

23907 Advanced Microeconomics

6ср

Honours

Advanced Microeconomics extends earlier training received by students in subjects such as Intermediate Microeconomics, Game Theory and Mathematical Economics by providing both stronger analytical foundations for the results and frameworks derived in those subjects, and by extending principles learned previously to new areas of analysis.

23908 Economic Modelling

6ср

Honours

Economic Modelling extends earlier training received by students in their economics major by introducing students to a selection of economic modelling approaches that are at the heart of modern economic research based on experimental and observational data. Specifically, it extends the set of topics covered to include methods for panel data analysis, instrumental variables, maximum likelihood estimations, and others.

23909 Thesis Proposal in Economics (Honours)

6ср

Honours

This subject trains students to conceptualise, develop and defend a research proposal on an original problem of a theoretical or applied nature in economics.

23910 Thesis in Economics (Honours)

18cp

Requisite(s): 23909 Thesis Proposal in Economics (Honours)

The subject allows students to research and write a thesis on the proposal developed in Thesis Proposal in Economics (Honours). Students receive regular guidance and feedback from their thesis supervisors. The Honours thesis requires the student to produce a 20,000-word (maximum) thesis based on an original problem of a theoretical or applied nature. The thesis is expected to demonstrate the student's competency to conceptualise, conduct and present research in a scholarly and independent manner.

23917 Advanced Macroeconomics

6ср

Undergraduate

Advanced Macroeconomics extends earlier training received by students in subjects such as Macroeconomics: Theory and Applications and Economics of Money and Finance by providing both stronger analytical foundations for the results and frameworks derived in those subjects, and by extending principles learned in them to new areas of analysis. Specifically, it provides rigorous treatment of the microeconomic underpinnings of key macroeconomic phenomena such as investment and consumption. It also examines questions of economic growth and business cycles in some detail and provides a theoretical framework for discussion of macroeconomic policy.

23918 Economic Policy Seminar

6ср

Requisite(s): 25921 Theory of Financial Decision Making AND 25917 Advanced Macroeconomics

These requisites may not apply to students in certain courses. See access conditions.

Undergraduate

This subject examines important recent developments in policy and regulation in the Australian economy. Frameworks are developed to understand and evaluate these developments, especially for Australian business. Developments studied include: the introduction of inflation targeting, medium term fiscal strategy; the Wallis Inquiry and financial regulation reform; national competition policy; and telecommunications policy.

23926 PhD Thesis: Economics

Оср

Postgraduate

Students must undertake original research, supervised by a senior member of the school's academic staff. Students must prepare a proposal, present it and gain approval before proceeding. The thesis should advance knowledge in the area of economics, and should be of a standard publishable in an international refereed journal.

23990 Master of Business Thesis (Economics)

Оср

For subject description, contact the UTS Business School.

24100 Applied Project in Marketing (Capstone)

6cp

Requisite(s): 24202 Consumer Behaviour AND 24309 Marketing Research AND 24415 Marketing Planning and Strategy AND two subjects from: 24210, 24223, 24222, 24224

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject allows students to apply the marketing knowledge they have gained in previous subjects to a real-world project. It provides them with an opportunity to utilise their research skills and advance their time management, project management and teamwork skills.

24101 Applied Project in Marketing Communication (Capstone)

6ср

Requisite(s): 24202 Consumer Behaviour AND 24309 Marketing Research AND three subjects from: 59330, 24210, 24207, 24510, 59333

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject allows students to apply the marketing communication knowledge they have gained in previous subjects to a real-world project. It provides them with an opportunity to utilise their research skills and advance their time management, project management and teamwork skills.

24104 Emerging Marketing Issues and Social Media

6ср

Requisite(s): 24108 Marketing Foundations Undergraduate

Marketing is a dynamic area of business that continues to evolve as a result of changes in technology, competitive landscape and consumer behaviour. This subject provides students with the opportunity to investigate marketing issues that emerge over time, and transform the way consumers and businesses respond to them. Topics surrounding social media and e-marketing are a particular focus of this subject.

24108 Marketing Foundations

6cp

Requisite(s): 26100c Integrating Business Perspectives These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject covers the basic principles of marketing. It develops an understanding of the overall process of marketing planning, implementation and control in the contemporary business environment and also develops a basic understanding of marketing information systems; market research and marketing ethics; market segmentation; buyer behaviour; product development; and the development of product, distribution, promotion and pricing strategies for both goods and services domestically and internationally.

24202 Consumer Behaviour

6ср

Requisite(s): 24108 Marketing Foundations

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

A clear understanding of consumer behaviour is critical for developing and evaluating effective marketing strategies. This subject provides a theoretical grounding in the field of customer behaviour examining both the internal and external human factors affecting behaviour and decision-making. It develops an awareness and understanding of customers as the central focus of marketing action, and discusses relevant theories developed in marketing, psychology and other behavioural sciences. This subject develops students' abilities to apply customer behaviour concepts to marketing problems.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Kuring-gai campus Spring semester, Kuring-gai campus Autumn semester, Kuala Lumpur Spring semester, Kuala Lumpur

24205 Business-to-Business Marketing

6ср

Requisite(s): 24108 Marketing Foundations

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

The marketing of industrial goods and services poses some unique challenges. This subject provides an integrated managerial and strategic approach that places industrial goods and services issues within a broader general marketing management context and addresses the need for business marketers not only to understand buyer needs and behaviors, but also how to use these insights to develop strategies for competing effectively in the marketplace. Organised around a strategic marketing framework, this subject develops the knowledge and skills to develop and implement an effective business marketing strategy.

Typical availability

Autumn semester, City campus

24206 Interactive Communication and Customer Behaviour

6ср

Requisite(s): 24108 Marketing Foundations

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject focuses on understanding the various ways consumers utilise the Internet and the external and internal influences on their behaviour. It provides an understanding of the role of traditional forms of marketing communication as well as various forms of interactive communication in the building of long-term customer relationships.

24207 Media Planning

6cp

Requisite(s): 24210 Integrated Marketing Communications These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Undergraduate

This subject focuses on the important role of media planning in the development of an organisation's marketing communications activities. It provides an understanding of the media planning process and strategic decision-making behind media selection in successful advertising campaigns. It also provides both a theoretical and practical approach to media planning.

24210 Integrated Marketing Communications

6ср

Requisite(s): 24108 Marketing Foundations AND 24202 Consumer Behaviour

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject examines all aspects of integrated marketing communications from an advanced viewpoint based on theory and research findings. It provides managers with systematic approaches to setting marketing communications objectives, establishing budgets, identifying relevant target audiences, formulating and testing strategies and evaluating campaign results. It considers contemporary issues in advertising, together with reference to complementary aspects such as publicity and direct marketing and includes an applied project covering these decision factors.

Typical availability

Autumn semester, City campus

24220 International Marketing

6ср

Requisite(s): 24108 Marketing Foundations

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject develops an understanding of marketing influences on demand for products and services in international environments. This involves consideration of cultural, political, legal and other environmental forces that facilitate or hinder exchanges among diverse sellers and buyers. Students learn different strategies that could be used in an international context to meet the needs and wants of diverse customers while concurrently enabling international marketers to achieve their goals and objectives.

Typical availability

Summer session, City campus

Spring semester, China

Spring semester, Kuala Lumpur

Spring semester, Kuring-gai campus

Autumn semester, City campus

Autumn semester, Kuala Lumpur

Spring semester, City campus

24222 Marketing Channels

6cn

Requisite(s): 24108 Marketing Foundations AND 24202 Consumer Behaviour

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject develops the knowledge and skills to design, develop, maintain and manage effective relationships among worldwide marketing channels to achieve sustainable competitive advantage by using strategic and managerial frames of reference.

24223 New Product Marketing

6ср

Requisite(s): 24108 Marketing Foundations AND 24202 Consumer Behaviour

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject provides future new product managers, project managers and team leaders with a comprehensive set of knowledge and skills to manage new product development processes including how to develop an effective development strategy, and generate and evaluate concepts. It offers a managerial focus, with an emphasis on understanding the issues and solving the problems by implementing a variety of state-of-the-art methods and perspectives, and integrates marketing, R&D, production engineering, and financial aspects of new product design and marketing.

24224 Pricing Strategies and Tactics

6cp

Requisite(s): 24108 Marketing Foundations AND 24202 Consumer Behaviour

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

Pricing directly affects a firm's bottom line. It is through pricing that managers can affect revenues and profit. This subject builds the required knowledge and competencies so that managers can generate revenues through the development of profitable value-oriented pricing strategies and tactics.

24306 Services Marketing

6ср

Requisite(s): 24108 Marketing Foundations

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject enables students to broaden their understanding of marketing by focusing on the marketing of services. Services dominate the global economy and are becoming critical for competitive advantage in organisations across the world and in all industry sectors. Services require a distinctive approach to marketing strategy, both in its development and execution. The subject explores the foundations of services marketing and teaches students how to create, promise, and deliver a successful, interactive customer experience.

Typical availability

Spring semester, City campus

24309 Marketing Research

6cr

Requisite(s): (24108 Marketing Foundations AND (26133 Business Information Analysis OR 26134 Business Statistics))

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject covers the basic marketing research procedures including analytical and interpretive skills that allow marketing analysts and managers to carry out and evaluate practical and useful marketing research. It develops an understanding of the overall process of marketing research design, implementation and control in the contemporary business environment and also develops a basic understanding of data collection and analysis techniques. Students undertaking this subject develop skills necessary for careers in analytical or research fields.

Typical availability

Autumn semester, City campus

24331 Marketing Analytics and Decisions

6ср

Requisite(s): 24108 Marketing Foundations AND 24202 Consumer Behaviour AND 24309 Marketing Research

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

Several forces are transforming the structure and content of the marketing profession. Marketers are seeing increasingly faster changes in the marketplace and are barraged with an ever increasing amount of information. While many view traditional marketing as art, and some view it as a science, the new marketing increasingly looks like engineering. This subject, combined with a comprehensive collection of leading-edge software models, provides the marketers with the know-how and tools to collect the right information and perform analysis to make better marketing plans, better product designs and better decisions. Taking this subject assists in translating concepts into context-specific operational decisions and actions using analytical, quantitative and computer modelling techniques; linking theory to practice and practice to theory.

Typical availability

Autumn semester, City campus

24415 Marketing Planning and Strategy

6cp

Requisite(s): 24108 Marketing Foundations

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject covers the knowledge and skills necessary to create and sustain superior performance in the marketplace through market-led strategic management. It focuses on the essential issues in strategy, such as opportunity identification, strategy formulation and strategy implementation. There is almost never one right answer to a business

scenario, but strong analysis skills always deliver a much better set of answers than weak analysis skills. The subject develops a competence to develop marketing within organisations as a strategic force rather than just as an operational department.

24440 International Promotion and Advertising

6ср

Requisite(s): 24108 Marketing Foundations

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject helps students acquire an understanding of the complexities which surround the successful undertaking of promotional and advertising campaigns overseas, with particular reference to the roles of promotion intermediaries, promotion infrastructure, legal impediments and government involvement. Indepth study is undertaken of the appropriateness of different forms of promotion according to the market, the product/service offered and the situation of the supplier. The subject enables students to acquire an understanding of the way in which advertising campaigns need to be modified to suit overseas markets; and develops an appreciation of the various forms of promotion which are appropriate to developing international business.

24510 Advertising Research

6cr

Requisite(s): 24202 Consumer Behaviour AND 24309 Marketing Research

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

In this subject students undertake a multi-stage group project that initially involves target market research. It later involves advertising strategy and executional development followed by advertising research to determine the effectiveness of those executions. It finally involves presentation of validated campaign recommendations.

Students must attend the first class to be included in a consultancy team.

24667 Qualitative Research

6ср

Requisite(s): 24309 Marketing Research

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

Qualitative research is a growth area in both academic and commercial marketing research. This subject introduces students to a different methodological approach from that which is commonly emphasised in market research subjects. Alternative research designs are considered, along with the associated instrumentation, data collection and analysis. Communication of results for a range of academic and industry audiences is also considered.

24668 Professional Relationship Selling

6cp

Requisite(s): 24108 Marketing Foundations

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject addresses the key issues relating to the role of a business-to-business salesperson. Topics include the psychology of selling, the role of the sales professional in uncovering customer and competitor intelligence, the sales process, relationship selling and self-management and motivation. The importance of ethical selling practices with respect to the firm, the customer and society is highlighted.

24703 Marketing and International Trade Relations

6cp

Requisite(s): 24734 Marketing Management OR 24746 Marketing: Concepts and Applications

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject assists students in acquiring an understanding of the influence governments can have on doing business overseas; develops an ability to evaluate the opportunities and constraints on marketing overseas that arise from international trade relations activities; and creates an awareness of the procedures involved when business persons seek to secure the support of governments to improve access and overcome barriers to the entry of their products and services overseas.

24705 Marketing Projects and Services Overseas

6cr

Requisite(s): 24734 Marketing Management OR 24746 Marketing: Concepts and Applications

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject enables students to acquire an understanding of the complexities that surround the successful negotiation of project work overseas from a marketing perspective, with particular reference to the roles of governments, aid agencies, financial institutions and multilateral bodies. It covers the 'packaging' of the project proposal, strategic alliance possibilities and the marketing of the proposal to those influencing the award of the project. It develops an understanding of the differences between marketing services in Australia and marketing services overseas. It also develops the ability to evaluate the opportunities and constraints facing Australian firms endeavouring to market services overseas, both in general and with specific reference to education, health, legal services, accounting services, insurance, tourism and intellectual property.

24706 Strategic Services Marketing

6ср

Requisite(s): 24734 Marketing Management OR 24746 Marketing: Concepts and Applications

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The marketing of services poses some unique challenges. This subject provides an integrated managerial and strategic approach that places services issues within a broader general marketing management context and addresses the need for service marketers not only to understand customer needs and behaviours, but also how to use these insights to develop strategies for competing effectively in the marketplace. Organised around a strategic marketing framework, this subject develops advanced knowledge and practical competencies to develop and implement an effective services marketing strategy.

Typical availability

Autumn semester, City campus

24707 Strategic Business Marketing

6ср

Requisite(s): 24734 Marketing Management OR 24746 Marketing: Concepts and Applications

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The marketing of industrial goods and services in business-tobusiness contexts poses unique challenges. This subject provides an integrated managerial and strategic approach that places industrial goods and services issues within a broader general marketing management context and addresses the need for business marketers not only to understand buyer needs and behaviors, but also how to use these insights to develop strategies for competing effectively in the marketplace. It covers topics including value generation in business-to-business contexts, value gap analysis, building business networks, and developing, implementing and coordinating business-to-business marketing programs. Organised around a strategic marketing framework, this subject develops advanced knowledge and practical competencies to develop and implement an effective business marketing strategy.

Typical availability

Autumn semester, City campus Spring semester, City campus

24710 Buyer Behaviour

6ср

Postgraduate

This subject focuses on the issues relating to the understanding of customer behavior and on the application of such understanding to marketing practice. Topics include: individual determinants such as perception, learning and memory, motivation, personality and attitudes, as well as environmental influences such as culture and cross-cultural issues, social influences, social class, and situational influences, and the decision-making process.

24713 Marketing Channel Management

6ср

Requisite(s): ([24734 Marketing Management OR 24746 Marketing: Concepts and Applications) AND 24710 Buyer Behaviour) These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject develops advanced knowledge and practical competencies to design, develop, maintain and manage effective relationships among worldwide marketing channels to achieve sustainable competitive advantage by using strategic and managerial frames of reference.

24716 Research Project in e-Business Marketing

6cn

Requisite(s): 24737 e-Business Marketing

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

Students engage in an in-depth field investigation of an electronic marketing initiative in a specific industry environment. Appropriate research methodologies are evaluated and applied to the project.

24720 Marketing Research

6ср

Postgraduate

This subject provides a comprehensive account of the marketing research process, from problem recognition and definition through all the procedural steps of findings and recommendations for marketing decision-making. Specific treatment of the nature, role and management of marketing information in a corporate setting provides a basis for discussion and development of research methodology. Topics covered include a fundamental component of the marketing process; the generation and management of the marketing information resources of an organisation. In this sense, the subject is critical to discussion of specific, functional decision areas of marketing in other subjects in the course. The practical emphasis further contributes to the student's understanding of the problems and potentials inherent in the collection and analysis of marketing data.

24723 Business to Business e-Marketing

6ср

Requisite(s): 24737 e-Business Marketing

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

The rapid emergence and deployment of business-to-business electronic business infrastructure poses significant challenges for marketers. This subject provides students with an awareness of developments and issues associated with the rollout of business-to-

business electronic business systems, with frameworks to critically analyse them in relation to business-to-business marketing issues such as specialised communication modes, negotiation, sales management, relationship marketing and relationship management.

24727 Electronic Business and Marketing

8cp; availability: Executive MBA (C04031) students only Postgraduate

This subject introduces students to emerging electronic business environments. An overview of the technological elements of electronic environments is presented, with emphasis on the development of and participation in electronic marketplaces. Using the Internet as an exemplar for emerging electronic business, students are introduced to electronic business models, concepts and tools. Students gain substantial first-hand experience in researching, communicating and developing their own electronic business and marketing initiatives within the World Wide Web. There is an emphasis on organisations rethinking ways that build relationships directly with customers. Students explore, at an introductory level, legal, social and organisational issues related to the development of virtual communities and corporations within emerging electronic environments.

24730 Marketing Strategy

6cp

Requisite(s): 24734c Marketing Management AND 24710c Buyer Behaviour AND 24720c Marketing Research

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject covers advanced knowledge and practical competencies to create and sustain superior performance in the market place through market-led strategic management. It focuses on the two essential issues in marketing strategy formulation: the identification of target markets and the creation of a differential advantage. The subject develops a competence to develop marketing within organisations as a strategic force rather than just as an operational department.

Typical availability

Autumn semester, City campus

24734 Marketing Management

6ср

Requisite(s): 21878c Organisational Dialogue: Theory and Practice These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject focuses on the issues relating to the management of effective, ethical, sustainable marketing strategies, marketing mix plans, and tactics for profit and non-profit organisations across various types of industries. Topics include: the role of the marketing functions in current organisations, understanding customers, collection and use of market information, developing marketing strategies and implementation plans, and integration of the marketing function with other functional disciplines within the organisation.

24736 Marketing Communications

6ср

Requisite(s): ([24734 Marketing Management OR 24746 Marketing: Concepts and Applications] AND 24710 Buyer Behaviour) These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject examines advertising, promotion and business communication decisions from an advanced viewpoint based on theory and research findings. It provides managers with systematic approaches to setting advertising and promotion objectives, establishing budgets, identifying relevant target audiences, formulating and testing strategies and evaluating campaign results. It considers contemporary issues in advertising, together with reference to complementary aspects such as publicity and direct marketing and includes an applied project covering these decision factors.

24738 Strategic International Marketing

6cp

Requisite(s): 24734 Marketing Management OR 24746 Marketing: Concepts and Applications

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The marketing of goods and services across cultures and in different international environments poses some unique challenges. This subject provides an integrated managerial and strategic approach that places international issues within a broader general marketing management context and addresses the need for international marketers not only to understand customer needs and behaviours but also how to use these insights to develop strategies for competing effectively in the marketplace. Organised around a strategic marketing framework, this subject develops advanced knowledge and practical competencies to develop and implement an effective international marketing strategy.

Typical availability

Summer session, City campus

24742 New Product Management

6cr

Requisite(s): 24734 Marketing Management OR 24746 Marketing: Concepts and Applications

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject has been designed to enable students to develop an indepth understanding of the processes, philosophies and concepts associated with new product management in contemporary organisations. Although the focus is on new products, the forces driving the process stem from the need for organisations to remain relevant, effective and competitive in a dynamic environment. While the subject matter is primarily from the field of marketing, the nature of successful product and growth management requires sensitivity to other fields of study such as strategic management, finance, manufacturing, information technology and organisational behaviour in order to effectively guide the process. This subject requires students to explore the various fields of study and examine research as a basis for building a strong, practically oriented capability for new product management.

Individual and team projects have been designed into the subject which require students to come to terms with the applied aspects of new product management. Students own work experiences also greatly facilitate class discussion and debate on the topic.

24750 Marketing Analytics

6ср

Requisite(s): 24734 Marketing Management OR 24746 Marketing: Concepts and Applications

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

Several forces are transforming the structure and content of the marketing profession. Marketers are seeing increasingly faster changes in the marketplace and are barraged with an ever increasing amount of information. While many view traditional marketing as art and some view it as science, the new marketing increasingly looks like engineering. This subject, combined with a comprehensive collection of leading-edge software models, provides the marketers with the know-how and tools to collect the right information and perform analysis to make better marketing plans, better product designs, and better decisions. This subject assists in translating concepts into context-specific operational decisions and actions using analytical, quantitative, and computer modelling techniques; linking theory to practice and practice to theory.

24756 Philosophy of Science

6ср

Postgraduate

This subject develops an understanding of the philosophy of science and associated implications for theory developments. It helps students develop advanced skills that are critical to both knowledge generation in business theory and problem solving in business practice.

24757 Research Methodology and Data Analysis Tools

6cp

Requisite(s): 24734 Marketing Management OR 24746 Marketing: Concepts and Applications

These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject addresses comprehensive and practical considerations of research methodology, data characteristics and processing, multivariate data analysis approaches (statistical considerations and applications), and communication of marketing research results. It helps students develop advanced research skills that are critical to both knowledge generation in marketing theory and problem solving in marketing practice.

24758 Readings in Marketing

6ср

Postgraduate

This subject allows students to undertake a program of reading in a specified area of marketing under the direction of a supervising lecturer. Specific areas of study may vary from semester to semester and depend on availability of supervisory staff. Students meet regularly with the supervising lecturer to discuss reading content, and students must write a major paper as the assessment task, as directed by the supervisor.

24759 Research Design and Data Collection Tools

6cp

Requisite(s): 24734 Marketing Management OR 24746 Marketing: Concepts and Applications

These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject covers an advanced consideration of the management of the marketing research process, research designs, sources of marketing data, qualitative and quantitative data collection procedures, measurement, scaling, and questionnaire design. It is a research-focused subject with a strong emphasis on the development of advanced research skills that are critical to knowledge generation in marketing theory, research-driven academic and commercial activities, and problem solving in marketing practice.

24760 Pricing and Revenue Management

6ср

Requisite(s): ([24734 Marketing Management OR 24746 Marketing: Concepts and Applications) AND 24710 Buyer Behaviour)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

conditions. Postgraduate

Managers too often rely on heuristics when setting prices and stay away from rigorous analysis. Pricing, however, directly affects a firm's bottom-line. It is through pricing that managers can affect and maximise revenues and profit. This subject builds the required knowledge and competencies so that managers can generate revenues through the development of profitable value-oriented pricing strategies and tactics.

24770 Thesis in Marketing (Honours) 1

6ср

Undergraduate

This subject requires the student to produce a written thesis research proposal of about 6000 words that forms the basis of the research to be carried out in 24771 Thesis in Marketing (Honours) 2. Students are allocated an academic supervisor from within the School of Marketing, with whom they meet regularly throughout their enrolment in the subject. The subject develops the student's competency in carrying out a critical review of the literature, choosing appropriate research methodologies, and the writing of the research proposal.

24771 Thesis in Marketing (Honours) 2

18cr

Requisite(s): 24770 Thesis in Marketing (Honours) 1

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject requires the student to complete and present a 20,000-word (maximum) thesis based on an original marketing problem of a theoretical or applied nature. The thesis is expected to demonstrate the student's competency to conceptualise, conduct and present research in a scholarly and independent manner. The topic may be derived from any marketing-related area. The replication and extension of a published academic marketing article could also be considered.

24780 Readings in Marketing

6ср

Postgraduate

This subject is undertaken under the direction of a member of staff. The topic must be approved by the head of the School of Marketing. Formal lectures in selected areas may be required, as directed by the supervising lecturer. The subject allows a degree of flexibility in programming for specialised needs of individual students, but can only be undertaken as part of the Master of Business in Marketing program. Topics chosen should be related to other subjects within the student's area of specialisation.

24790 Business Project: Marketing

6ср

Requisite(s): [(24734 Marketing Management OR 24746 Marketing: Concepts and Applications)] AND 24710 Buyer Behaviour AND 24720 Marketing Research AND 24730 Marketing Strategy These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject is a simulated business consultancy project that allows students to investigate a specific business activity related to marketing, using a company of the student's choice. It covers many aspects of marketing, marketing strategy and specialist marketing subjects. Students are required to apply a range of marketing and non-marketing theories already covered in their degree.

24791 Business Project: International Marketing

6ср

Requisite(s): 24734 Marketing Management OR 24746 Marketing: Concepts and Applications

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This is a capstone subject for the Master of Business in International Marketing. It is designed to enable students to apply the range of skills and knowledge gained in the rest of the course. Students are required to conduct a project on international marketing related to a particular organisation. It is an alternative to 24755 Applied International Marketing Research.

24800 Managerial Marketing

8ср

Postgraduate

Managerial Marketing allows students to develop and execute a marketing strategy for their simulated firm, including product and brand management, research and development, pricing, distribution, and sales force management. The setting for the simulation is a technology-based industry in which teams initiate operations for their firm and receive information on customer needs, customer satisfaction with brands, prices and products. Simulation participants learn to interpret competitors' tactics and how to adjust their firm's marketing strategy to stay ahead of the competition. The consequences of team actions on both brand profitability and firm profitability become apparent throughout the simulation.

24807 Marketing Strategy in Practice

8ср

Postgraduate

This is a highly personalised subject that brings students' classroom learning back to their companies. The project provides an opportunity for candidates to investigate a specific marketing issue faced by their employer (or a firm of their choice), to create competitive advantage in their markets and to add value to their organisations. This life-long learning process starts during classroom sessions and continues after the subject has concluded. Individuals conduct a strategic marketing analysis on their chosen organisation and solicit guidance on marketing issues from their faculty advisers. This process facilitates the development of a valuable, new competitive marketing strategy for each candidate's chosen firm.

24808 Advanced Marketing Strategies

8cp

Requisite(s): 24807 Marketing Strategy in Practice

There are also course requisites for this subject. See access conditions.

Postgraduate

Marketing theory and practice evolve constantly, with new frameworks and tools being developed. This subject provides an overview of the most current marketing thinking and illustrates how recent advances can be applied to the workplace to create value for organisations. It develops general management competencies so that decisions concerning marketing can be made more confidently.

24901 Philosophy of Science and Theory

6ср

Undergraduate

This subject introduces the basics of scientific method and shows how to apply it to the evaluation and development of business theory in teaching, practice and research. The evolution of business thought is used as the primary way of considering what business theories there are, their quality and their usefulness in progressing research in business.

24902 Research Methodology and Data Analysis Techniques

6ср

Requisite(s): 24108 Marketing Foundations AND 24202 Consumer Behaviour AND 24309 Marketing Research AND 24908 Research Design and Data Collection Techniques

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Undergraduate

This subject addresses comprehensive and practical considerations of research methodology, data characteristics and processing, multivariate data analysis approaches (statistical considerations and applications), and communication of marketing research results. It helps students develop advanced research skills that are critical to both knowledge generation in marketing theory and problem solving in marketing practice.

Typical availability

Autumn semester, City campus

24903 Readings for Thesis in Marketing (Honours)

6ср

Undergraduate

This subject provides an opportunity to engage in a structured literature review to assist in selecting a thesis topic. It improves awareness of up-to-date research in marketing by exploring current research activities of recently published authors.

24907 Research Management and Strategy Techniques

6cp

Requisite(s): 24108 Marketing Foundations AND 24202 Consumer Behaviour AND 24309 Marketing Research

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject addresses the integration of all aspects of marketing research into comprehensive plans and courses of action. It includes aspects of project planning, design and execution including client service and management. It helps students develop advanced research skills that are critical to both knowledge generation in marketing theory and problem solving in marketing practice.

24908 Research Design and Data Collection Techniques

6cp

Requisite(s): 24108 Marketing Foundations AND 24202 Consumer Behaviour AND 24309 Marketing Research

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject covers an advanced consideration of the management of the marketing research process, research designs, sources of marketing data, qualitative and quantitative data collection procedures, measurement, scaling and questionnaire design. It helps students develop advanced research skills that are critical to both knowledge generation in marketing theory and problem solving in marketing practice.

Typical availability

Autumn semester, City campus

24982 PhD Thesis: Marketing

Оср

Postgraduate

Students must undertake original research, supervised by a senior member of the school's academic staff. Students must prepare a proposal, present it and gain approval before proceeding. The thesis should advance knowledge in the area of marketing, and should be of a standard publishable in an international refereed journal.

24990 Master of Business Thesis (Marketing)

Оср

Students are required to complete a thesis which is considered to involve an amount of study equivalent to four semesters for full-time study, and six semesters for part-time study. The thesis is expected to present original research of a theoretical or applied nature in marketing. It is not expected to advance knowledge, as is required in the case of a PhD thesis, but it should give evidence of the student's ability to engage in a substantial investigation, identify and analyse research problems and present the results in a coherent and scholarly manner.

25005 Economics and Finance of the Life Cycle

6ср

Requisite(s): [25567 Intermediate Microeconomics OR 25562 Economics of the Firm OR (25503 Investment Analysis AND (25566 Economics for Business 2 OR 25555 Macroeconomics: Theory and Applications)]]

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

Economics and Finance of the Life Cycle examines the management of wealth across the life cycles of individuals and households. Unlike corporations and economies, individuals typically plan their spending and saving within a lifetime frame, deciding on education, workforce participation, asset acquisition, retirement and bequests. These decisions are made within the context of national retirement savings systems. Standard investment risks are complicated by uncertain human capital, uncertain longevity and health risks, among other factors. Economics and Finance of the Life Cycle develops a theoretical framework for managing lifetime wealth in a risky environment.

25050 Financial Valuation and Strategy

6cp

Further information on this subject is available from UTS: Business.

25052 International Banking Management

6cr

Further information on this subject is available from UTS: Business.

25053 International Financial Management

6cp

Further information on this subject is available from UTS: Business.

25208 Advanced Financial Planning

6ср

Requisite(s): 25503 Investment Analysis AND 25415 Personal Financial Planning

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

conditions.

Undergraduate

This subject introduces students to the process of developing and implementing a range of personal financial plans designed to meet the needs of a range of personal investors within a contemporary social, economic, legal and regulatory context.

25230 Thesis in Mathematics and Finance (Honours) 1

6ср

Undergraduate

The Honours Thesis requires the student to produce a thesis based on an original problem of a theoretical or applied nature. The thesis is expected to demonstrate the student's competency to conceptualise, conduct and present research in a scholarly and independent manner. This is the Autumn semester course of the year-long subject. The same grade will be awarded to this subject and 25231 Thesis in Mathematics and Finance (Honours) 2, its Spring semester counterpart.

25231 Thesis in Mathematics and Finance (Honours) 2

6cp

Requisite(s): 25230 Thesis in Mathematics and Finance (Honours) 1 There are also course requisites for this subject. See access conditions.

Undergraduate

The Honours Thesis requires the student to produce a thesis based on an original problem of a theoretical or applied nature. The thesis is expected to demonstrate the student's competency to conceptualise, conduct and present research in a scholarly and independent manner. This is the Spring semester course of the year-long subject. The same grade will be awarded to this subject and 25230 Thesis in Mathematics and Finance (Honours) 1, its Autumn semester counterpart.

25300 Fundamentals of Business Finance

6ср

Requisite(s): 26100c Integrating Business Perspectives These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Undergraduate

The subject develops an understanding of the core principles of finance and their applications to financial decision-making. Topics include an overview of the financial markets, time value of money, valuation of securities, risk-and-return, capital budgeting decisions and financing decisions.

25409 Managing Financial Institutions

6ср

Requisite(s): 25556 The Financial System

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject teaches the fundamentals of managing a financial institution. The principles are applied in the context of banks, but have a wider relevance to the management of non-bank financial institutions. The structure of the financial system and problems posed by managing financial institutions in today's environment are

given real-time practical applications in case studies which assess the performance of financial institutions from a creditor's, investor's and regulator's viewpoint. Case studies of bank failure and success are interposed among principles of asset liability management, strategic planning and responses to a changing environment in prudential supervision, e-commerce and new taxation treaties.

25410 Corporate Financial Analysis (Capstone)

6ср

Requisite(s): 25557 Corporate Finance: Theory and Practice These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

This subject examines the use of financial statements in assessing a firm's financial health, its strengths, weaknesses, recent performance and future prospects. It examines financial statement forecasting and modelling with an emphasis on cash flow reconstructions from financial statements. Special issues dealing with financial statement information are emphasised in some depth. These issues include: market efficiency, asset pricing, corporate restructuring and business valuation, debt ratings and financial distress.

25415 Personal Financial Planning

6cp

Requisite(s): (25300 Fundamentals of Business Finance AND (26134 Business Statistics OR 26133 Business Information Analysis) AND 25115 Economics for Business)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject provides an introduction to the theory and practice relevant to the management of personal financial risks. It provides an understanding of the fundamental techniques and analytical tools used in this process and identifies strategies suitable for securing both short and longer-term objectives in a dynamic social, economic and regulatory environment.

25421 International Financial Management

6ср

Requisite(s): 25557 Corporate Finance: Theory and Practice These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject introduces students to the concepts of international finance and the financial management of international businesses. Topics covered include foreign exchange, global financial markets, foreign exchange risk and its management, and financial decision-making techniques used by international business. Areas considered include trade finance, multinational working capital management, direct foreign investments and global financing.

25491 Investment Analysis and Risk Management

6ср

Requisite(s): 25300 Fundamentals of Business Finance There are also course requisites for this subject. See access conditions.

Undergraduate

This subject develops a set of tools for making investment and risk management decisions. It introduces the pricing of financial securities and derivatives and provides a foundation for analysing risk and return of financial assets. The topics covered include risk and risk aversion, portfolio optimisation, the pricing of equities, bonds, and derivative contracts. Students learn to use derivative contracts to manage investment risks.

25503 Investment Analysis

6ср

Requisite(s): 25556 The Financial System AND ((35151 Introduction to Statistics AND 35102 Introduction to Analysis and Multivariable Calculus) OR 25622 Quantitative Business Analysis)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject introduces the conceptual and theoretical framework of the portfolio approach to investments. It applies the techniques of mean variance diversification to investment management. Asset pricing models and their application to investment management are reviewed. Other topics covered include bond portfolio management and use of derivatives in an investment portfolio.

25522 Financial Services and Products

6cp

Requisite(s): 25556 The Financial System

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Undergraduate

This subject teaches the fundamentals of lending practice and the provision of other financial services which equips students for entry into banking and other financial institutions that provide financial services. Areas covered include: managing loans and the loan portfolio; the importance of the loan policy; commercial lending; credit analysis; agricultural finance; consumer credit and consumer credit regulation; the changing nature of financial services delivery; project finance; trade finance; international banking; merchant banking; funds management; insurance; and e-commerce.

25556 The Financial System

6cp

Requisite(s): 25300 Fundamentals of Business Finance These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

The aim of this subject is to develop an understanding of the operations of a modern financial system, covering its payment, financing and market-risk management activities. Its main topic areas are financial institutions, financial markets (such as stocks, bonds and foreign exchange) and derivatives (such as futures and options).

25557 Corporate Finance: Theory and Practice

6ср

Requisite(s): 25503 Investment Analysis

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject develops the concepts of corporate finance introduced in 25300 Fundamentals of Business Finance. This includes an examination of analytical techniques used in capital budgeting decisions and the capital structure decisions. Capital structure, estimation of the cost of capital and the dividend decision are examined from an empirical and theoretical viewpoint. The effects of working capital management policy and international finance on the value of the firm are also considered.

25558 Issues in Corporate Finance

6cp

Requisite(s): 25557 Corporate Finance: Theory and Practice These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject explores advanced topics in corporate finance. Specific issues covered include the impact of taxation, agency conflicts and option pricing theory on corporate financial decisions; new-start valuation and financing; takeovers, mergers and acquisitions; and corporate restructuring.

25573 Time Series Econometrics

6cp

Requisite(s): [(25503 Investment Analysis AND (25622 Quantitative Business Analysis OR 35353 Regression Analysis)] OR 25571 Introductory Econometrics)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Time Series Econometrics equips students with a general knowledge of model building, which stands them in good stead for basic empirical work in business environments. It provides the analytic tools required for further study in time series econometrics. The approach to modelling, and the reasoning about multi-variable empirical relationships, strengthens students' analytic skills.

25574 Commercial Bank Management

6cp

Requisite(s): 25503 Investment Analysis

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

This subject provides a detailed examination of the fundamentals of the management, risk, regulation and operation and performance of a commercial bank. The subject examines the theoretical concepts underpinning the operation of commercial banking in the form of financial intermediation and the unique role of banks in the economy. The structure of the financial system and problems posed by managing commercial banks in today's environment are given real-time practical applications that assess the performance of financial institutions from a creditor's, investor's and regulator's viewpoint.

In addition, the subject covers international banking and regulation. While the focus of the course is commercial banks, that is regulator registered banking institutions, a number of the concepts covered also have suitable application to other non-bank institutions.

25575 Investment Banking

6ср

Requisite(s): 25503 Investment Analysis

These requisites may not apply to students in certain courses.
There are also course requisites for this subject. See access

This subject provides an accessible introduction to the literature on recent developments in the services and transactions provided by investment banks. It provides a complete, yet concise, synthesis of the recent available literature within a logical, analytical structure. It provides important discussions of the four major areas of investment banking, namely mergers and acquisitions, security issuance, financial engineering and international investment. The subject draws on the experience and expertise of senior industry practitioners.

25576 Wealth Management

6ср

Requisite(s): 25503 Investment Analysis

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject examines the investment and financial issues arising from the personal wealth management activities of private individuals. The subject commences with an introduction of the Australian financial planning industry, and then explores the most important components in personal wealth management – setting financial plans, budgeting, taxation planning, investment planning and strategies (including managed funds), risk management and insurance, consumer credit, home ownership and property investment, superannuation and social security, leveraged investments, and estate planning. Students should be able to develop and manage financial plans of hypothetical clients that meet specific goals and long-term objectives.

25577 Behavioural Finance

6cp

Requisite(s): 25557 Corporate Finance: Theory and Practice These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Behavioural Finance is concerned with the psychology of market participants (i.e. cognitive psychology) and how they make decisions. In addition, the 'limits to arbitrage' is also addressed in explaining how and why markets can exhibit inefficiencies. Behavioural finance has been motivated due to concerns over traditional models and their reliance on rationality of decision makers, utility maximisation and the assumption that markets set efficient prices. As a result, behavioural finance has been considered as an alternative to better understanding agents' activities and anomalies in security returns.

25578 Corporate Governance and Executive Compensation

6cp

Requisite(s): 25503 Investment Analysis

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject provides an accessible introduction to the literature on recent developments in internal corporate governance, and a complete, yet concise, synthesis of the recent available literature within a logical, analytical structure. It provides important discussions of the theoretical and empirical literature in the major areas of internal corporate governance, namely the international regulatory governance requirements, the relationship between governance and firm performance, ownership structure as a governance device, the role of incentive aligning executive compensation systems in corporate governance and pay-performance relationships, and the relationship between governance and financing and dividend policies. The subject draws on the experience and expertise of senior industry practitioners.

25579 Applied Portfolio Management

6cr

Requisite(s): 25620 Derivative Securities

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject provides students with an in-depth understanding of both the theoretical and the practical aspects of modern portfolio management. In terms of theory, students learn about the portfolio management process, the various asset classes at a fund manager's disposal, the role of diversification in portfolio management, the asset allocation and asset selection decisions, the use of financial derivatives in portfolio management and the fiduciary responsibilities of a fund manager. The practical aspects of the subject involve implementing and evaluating various asset price models for constructing efficient portfolios, implementing models for equity valuation, using the Black-Scholes option pricing formulae for portfolio insurance, and a substantial simulated portfolio management exercise, using historical price data.

25602 Ethics in Finance

6ср

Requisite(s): 25503 Investment Analysis

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

Ethical practices instil a public trust in the fairness of markets, allowing them to function efficiently. Additionally, ethical practices by finance and investment professionals benefit all market participants and stakeholders and lead to increased investor confidence in global capital markets. The perspectives acquired in this subject are useful to students in their place of work as a framework for ethical conduct in the investment profession is presented by focusing on the CFA Institute Code of Ethics and Standards of Professional Conduct. Citing examples of the scandals that have shaken public confidence in the ethics of Wall Street, this subject explains the importance of ethics in the operation of financial institutions and in the personal conduct of finance professionals.

25606 Financial Time Series

6ср

Requisite(s): ((25906 Portfolio Theory and Investment Analysis (Advanced) OR 25503 Investment Analysis) AND 25557 Corporate Finance: Theory and Practice)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

A number of theoretical models have been developed in the area of corporate finance. Students have been exposed to the major models in preceding subjects. This subject investigates the techniques that are required to empirically test these models and conducts a number of empirical tests using Australian financial markets data.

25620 Derivative Securities

6ср

Requisite(s): 25503 Investment Analysis

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Recommended studies: algebraic manipulations, basic elements of statistics (mean, variance, covariance and correlation), abstract mathematical concepts, basic principles in finance (the time value of money and risk-adjusted discount rates)

Undergraduate

This subject provides students with a basic understanding of forwards, futures, swaps and options. It covers their valuation by arbitrage arguments, their use and the management of the associated risks. A large part of this subject is devoted to applied problems dealing with situations in which students may expect to encounter derivations in practice.

25622 Quantitative Business Analysis

6cp

Requisite(s): 25115 Economics for Business AND (((26134 Business Statistics OR 26133 Business Information Analysis)) OR (33130 Mathematical Modelling 1 AND 33230c Mathematical Modelling 2)) These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

Quantitative Business Analysis provides students with skills essential for studying finance subjects offered by the School of Finance and Economics. Students learn basic mathematics and statistics, and consolidate their knowledge and skills in the context of real world finance problems. The focus of the subject is on the development of practical modelling skills.

25705 Financial Modelling and Forecasting

6ср

Requisite(s): 25742 Financial Management OR 25746 Financial Management: Concepts and Applications

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The subject allows students to develop an understanding of the issues involved when forecasting in an uncertain world. Students apply statistical methods to identify an appropriate forecasting model and then develop and evaluate the forecasts for use in a typical financial analysis problem.

25721 Investment Management

6ср

Requisite(s): 25742 Financial Management OR 25746 Financial Management: Concepts and Applications

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postaraduate

This subject is designed to provide an understanding of the investment process and to develop a set of tools for making investment and portfolio decisions. It provides an overview of the paradigms of

modern portfolio theory, and a foundation for analysing the risks and returns of investment portfolios. Specific topics include the measurement of risk and return, the construction of efficient portfolios, the pricing of risk, equity valuation, market efficiency and investor behaviour.

25728 Bond Portfolio Management

6ср

Requisite(s): 25721 Investment Management OR 25741 Capital Markets

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This is a specialised subject focusing on the conceptual and theoretical aspects of interest rates and risk management in bond markets. The subject includes discussions of the term structure of interest rates, bond pricing and bond portfolio strategies. The subject includes a large applied component involving the construction of yield curves and the analysis of bond market data, as well the construction and management of bond portfolios.

25729 Applied Portfolio Management

6ср

Requisite(s): 25721 Investment Management OR 25741 Capital Markets

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject is concerned with the process of constructing and managing a diversified institutional portfolio comprising stocks, fixed-income securities, real and alternative assets, and derivatives. It begins by reviewing the foundations of investment management before continuing to the topics of equity and fixed-income portfolio management. Less traditional asset classes, such as investment companies, exchange-traded funds, real estate, hedge funds and private equity, are also examined. Finally, considerable attention is given to the important issues of asset allocation and performance measurement and attribution.

25731 International Finance

6ср

Requisite(s): 25742 Financial Management OR 25746 Financial Management: Concepts and Applications

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject examines foreign exchange markets, multinational working capital, international investments and the financing of international operations. On completion, students are able to understand how firms operate in the international financial environment.

25732 Venture Capital and Private Equity: Theory and Practice

6cn

Requisite(s): 25765 Corporate Finance

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject provides an overview of the venture capital and private equity industry and an accessible introduction to the literature on recent developments in venture capital and private equity investments. It provides particular perspectives on the three major areas of venture capital and private equity: fundraising, investing and exit strategies. The subject draws extensively on the experience of senior industry practitioners who use their experience to provide students with insights into real-world venture capital and private equity decision-making processes. The subject also makes extensive use of the case study approach to teaching and learning, focusing on US and Australian venture capital and private equity investment cases in weekly class discussions.

25741 Capital Markets

6ср

Postgraduate

This subject examines the structure and behaviour of Australia's financial system and its main components. Its principal topics are the instruments and processes through which financing is arranged, the pricing of instruments and the associated risks and their management with derivatives. The subject forms part of the finance specialisation in the MBA and Master of Business degree programs where it provides a preparation for more specialised subjects in investment management, international finance and the various subjects that deal with financial institutions and risk management.

25742 Financial Management

6cp

Requisite(s): 21878c Organisational Dialogue: Theory and Practice These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject aims to introduce students to finance and helps them acquire the basic analytical skills required to make informed financial decisions. Topics include the goals of financial management, introduction to security market regulation, ethics and the firms investment and financing decisions. Working capital management and international aspects of financial management are also introduced.

25743 Corporate Financial Analysis

6cr

Requisite(s): ((22747 Accounting for Managerial Decisions OR 22784 Accounting: Concepts and Applications) AND 25765 Corporate Finance)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject develops students' abilities to conduct corporate financial analysis both for lending and investment purposes. Students perform industry analysis, identify participants' motivations and accounting deficiencies, forecast financial statements and value companies.

25751 Financial Institution Management

6ср

Requisite(s): ((25742 Financial Management OR 25746 Financial Management: Concepts and Applications) AND 25741 Capital Markets)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject teaches the fundamentals of managing a financial institution. The principles are applied in the context of banks, but have a wider relevance to the management of non-bank financial institutions. The structure of the financial system and problems posed by managing financial institutions in today's environment are given real time practical application in case studies which assess the performance of financial institutions from a creditor's, investor's and regulator's viewpoint. Case studies of bank failure and success are interposed with principles of asset liability management, strategic planning and responses to a changing environment in prudential supervision.

25752 Financial Institution Lending

6ср

Requisite(s): ((25742 Financial Management OR 25746 Financial Management: Concepts and Applications) AND 25741 Capital Markets)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This is a specialised subject in the management of the loan funds assets of financial institutions. It provides students with knowledge of the theory of financial intermediation, information economics and its application in achieving the maximum shareholders return while managing the level of risk associated with the loan products. The

subject's topics include: the formulation of loan policy, the managing and selection of loans, loan pricing, portfolio loan risk management, individual loan risk management, problems loans and specialist loan risk areas such as project and infrastructure finance, corporate loans, consumer lending and small and medium enterprise lending and loan structuring and documentation and collateral. The subject includes a number of case studies in major lending disciplines such as project financing, small and medium enterprise lending, consumer lending, corporate lending and problem loans.

25762 Synthetic Financial Products

6cr

Requisite(s): 25741 Capital Markets

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject provides an introduction to the management of portfolios using options in financial markets. Stock, index, debt and foreign currency options are discussed, as well as forward and futures contracts and options on these instruments. The role of such instruments as risk-transferring devices is also discussed.

25763 Corporate Treasury Management

6c

Requisite(s): 25762 Synthetic Financial Products AND 25765 Corporate Finance

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject teaches students the management of financial price risk in a corporate environment On completion, students are able to understand and identify financial price risk, measure exposures, set objectives, measure performance and adopt appropriate tactics and strategies. This is via use of forwards, futures, swaps and options (separately or, in combination).

25764 Venture Capital Finance

Зср

Requisite(s): 25741 Capital Markets AND 25765 Corporate Finance These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject examines the nature of the venture capital market and investment processes, and the growing number of financial institutions involved as venture capital suppliers. It analyses the various types of new ventures appropriate for venture capital finance, including start-up, expansion and management buy-out.

25765 Corporate Finance

6ср

Requisite(s): (25742 Financial Management OR 25746 Financial Management: Concepts and Applications) AND (22747 Accounting for Managerial Decisions OR 22784 Accounting: Concepts and Applications)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject exposes students to advanced corporate financial management by initially considering an economy with no risks and no market imperfections and then relaxing these assumptions to consider a more realistic economic environment. Topics covered include capital budgeting, cost of capital, capital structure and valuation, dividend policy and mergers and acquisition. Particular attention is paid to different tax environments and agency relationships within the firm.

25780 Readings in Finance

6ср

Postgraduate

Students wishing to enrol in this subject should seek the approval of the head of the School of Finance and Economics.

25787 Research Techniques in Finance and Economics

6ср

Postgraduate

This subject exposes students to a selection of research techniques of potential relevance in preparing a thesis in the area of finance and economics.

25788 Research Seminar in Finance and Economics

6cn

Postgraduate

This subject provides a forum for students to present an update on their research efforts and review the work of others.

25796 Personal Wealth Management

6cp

Requisite(s): 25721 Investment Management

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

In this subject students study the investment and financial issues arising from the management of personal wealth. They examine the structure of the Australian financial planning industry and analyse the most important components of wealth management: setting financial plans, budgeting, taxation planning, investment planning and strategies (including managed funds), risk management and insurance, home ownership and property investment, superannuation and social security, leveraged investments, retirement planning and estate planning. The subject is designed to provide students with the ability to develop and manage the financial plans of clients in a way that meets their specific goals and long-term objectives.

25797 Real Estate Investment Trusts

Зср

Requisite(s): 25721 Investment Management

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject examines the structure, management and role of real estate investment trusts in the capital markets. Real estate investment trust business models, and legal, commercial and management structures, are analysed, together with an examination of the links between corporate strategy and property portfolio management within a listed environment.

25798 Ethics and Professional Standards in Finance

3cn

Requisite(s): 25721 Investment Management

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

For subject description, contact UTS: Business.

25807 Mergers and Acquisitions

Зср

Requisite(s): 25741 Capital Markets AND 25765 Corporate Finance These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject looks at all aspects of the mergers and acquisitions process by which one organisation is subsumed into another. Topics covered include valuation, leveraged buyouts, asset sales and restructuring and defeasance. Legal and tax aspects of mergers and acquisitions is also examined.

25809 Technical Analysis

3cp

Requisite(s): 25721 Investment Management

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

Technical analysis is a major force in financial markets. This subject familiarises students with all aspects of technical analysis. Topics include types of charts, Elliot wave theory and cross confirmation.

25812 Fundraising in International Markets

3cp

Requisite(s): 25741 Capital Markets AND 25765 Corporate Finance These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject examines practical aspects of raising funds in offshore markets. The evolution and structure of international financial markets is also examined. Eurocurrency, debt and equity markets are covered in detail. Topics include international bond issues, equity link bonds and euro bonds.

25818 Real Estate Finance and Investment

Зср

Requisite(s): 25721 Investment Management

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject examines real estate/property as an asset class. Various property sectors are considered as well as mainstream techniques of finance such as discounted cash flow, modern portfolio theory and efficient market hypothesis, which are applied to the selection, evaluation, and management of real estate.

25824 Project Financing

Зс

Requisite(s): 25741 Capital Markets AND 25765 Corporate Finance These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject provides students with an understanding of the particular risks involved in project financing. It develops abilities to overcome the risks involved in project finance through analytical techniques and looks at the role of project financing in the modern economy with reference to recent projects in Australia and South-East Asia. Topics covered include identification and management of project risk; project financing; evaluation of projects; structuring; and documentation.

25832 Financial Markets Instruments

6ср

Postgraduate

This subject introduces students to the main instruments and markets that comprise the financial system. It discusses the factors that influence the evolution of financial markets, valuation of various securities such as equities and foreign exchange, bond price, forward rate and yield curve calculations, forward rate agreements (FRAs) and interest rate swaps, and interest rate hedging.

25833 Derivatives

6cp

Postgraduate

This subject introduces students to modelling asset price dynamics in discrete time and continuous time. Students also examine arbitrage pricing of derivatives in discrete and continuous times, interpretations of the arbitrage pricing condition leading to the partial differential equation, martingale and integral evaluation viewpoints, and derivative pricing in both deterministic and stochastic interest rate environments.

25834 Portfolio Analysis

6cr

Requisite(s): 25854 Statistical Methods for Quantitative Finance AND 25832 Financial Markets Instruments

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject introduces students to the theory and practice of modern portfolio theory, surveys relevant aspects of capital markets, foundations of investment decision-making, portfolio selection via the mean-variance approach, and theory and empirical tests of equilibrium pricing models. It assists students to understand the theory and principles underlying modern portfolio theory, and develops skills to apply theories to investment decisions.

25835 Computational Finance

6cm

Requisite(s): 25832 Financial Markets Instruments AND 25834 Portfolio Analysis

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject develops students' skills to solve computational problems arising in Quantitative Finance. It investigates solutions for portfolio management, derivatives pricing, equity and yield curve analysis. It also examines basic concepts of procedural and object-oriented programming, and develops the application skills of these concepts to financial problems in Visual Basic/Excel and in C++.

25836 Financial Decision Making Under Uncertainty

6cm

Requisite(s): 25832 Financial Markets Instruments AND 25834 Portfolio Analysis AND 35364 Statistics for Quantitative Finance These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject introduces students to utility theory, arbitrage principles, portfolio formation and efficient markets at an advanced level. Areas such as the development of mean-variance analysis, the capital asset pricing model and arbitrage pricing theory in single-period equilibrium models and multi-period portfolio analysis in discrete time and in continuous time are examined.

25837 Financial Econometrics

6ср

Requisite(s): ((25854 Statistical Methods for Quantitative Finance OR 35364 Statistics for Quantitative Finance) AND 25832 Financial Markets Instruments)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject exposes students to the main econometric techniques used to estimate models in financial economics. It emphasises that financial economics is a highly empirical discipline. The primary method of inference for the financial economist is examined, and the model analysed is statistical inference-financial econometrics. Students apply a range of econometric techniques to financial theories.

25838 Advanced Instruments

6ср

Requisite(s): 25835 Computational Finance AND 25836 Financial Decision Making Under Uncertainty

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject provides students with the opportunity to apply the various techniques studied earlier in the course to the valuation and hedging of more advanced derivative instruments. It examines taxonomy of the various exotic derivatives in the log-normal world and then focuses in detail on pricing and hedging issues, particularly

binaries, barriers and strongly path-dependant options such as Asians and look-backs. Interest rate derivative products are analysed, and practical implementations within the Hull-White, Heath-Jarrow-Morton and Brace-Musiela representations are undertaken.

25839 Mathematics of Finance

6cr

Requisite(s): 35365 Stochastic Calculus in Finance

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject introduces students to the theory of mathematical finance with applications in derivative pricing, portfolio optimisation and risk management. Techniques of no-arbitrage pricing in finance and financial mathematics are explored. Theoretical problems involving hedging derivatives and change of probability measures and portfolio optimisation are formulated and solved.

25840 Integrated Risk Management

6ср

Requisite(s): 25838 Advanced Instruments

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject introduces students to the theory and practice of integrated risk measurement and management with applications in value at risk, market and credit risk analysis for large diversified portfolios, extreme value analysis and coherent risk measurement. Techniques for large nonlinear diversified portfolios are explored. Theoretical problems related to value at risk, expected shortfall and risk adjusted capital allocation for large nonlinear portfolios are formulated and solved.

25841 Decision Making Tools

8ср

Postgraduate

This subject unifies students' abilities to approach business-related problems by integrating methods and applications. Emphasis is placed on realistic business examples and the processes managers use to analyse business problems. The aim is to provide students with the skills to analyse business problems with tools they have access to and will use in their careers.

25844 Managerial Corporate Finance

8с

Requisite(s): 25845 Managerial Economics AND 25846 Managerial Finance

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject introduces and exposes students to corporate financial management by initially considering an economy with no risks and no market imperfections, and then relaxing these assumptions to consider a more realistic economic environment. Topics covered include capital budgeting, cost of capital, capital structure and valuation, dividend policy, mergers and acquisitions and private equity. Particular attention is paid to different tax environments and agency relationships within the firm.

25846 Managerial Finance

8ср

Requisite(s): 25841 Decision Making Tools AND 22814 Accounting Information for Managers

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject provides students with an understanding of the tools and techniques used in financial decision-making and up-to-date knowledge in financial management. It provides an understanding of the financial forces that influence corporate strategy, offering the opportunity for participants to acquire a range of skills and expertise expected of corporate managers. The outcomes are achieved using learning strategies that foster the application of leading-edge practices to meet the business challenges arising from international forces and technical and knowledge innovation. The subject material draws on

an understanding of managerial accounting and economics, provides a basis for subsequent integrative subjects and examines the key areas of financial decision-making such as risk and diversification, capital budgeting, and cost of capital.

25849 Financial Risk Management

6ср

Requisite(s): 25855 Fundamentals of Derivative Security Pricing AND 25856 Probability Theory and Stochastic Processes These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

This subject provides a comprehensive and rigorous exposition of the theory and practice of financial risk measurement and management. The subject focuses on tools and techniques for identifying, measuring, computing and managing market risk. It covers risk measures including value-at-risk, expected shortfall and earnings-at-risk. The concept of coherent risk measures are also explored. Parametric and non-parametric techniques, including historical and Monte Carlo simulation, are covered in depth. The subject consists of a large practical component involving implementing value-at-risk measures for realistic portfolios, combined with stress testing methods.

25850 Credit Risk

6ср

Requisite(s): 25855 Fundamentals of Derivative Security Pricing AND 25856 Probability Theory and Stochastic Processes These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

The Global Financial Crisis has highlighted the need for sophisticated credit risk management as well as the danger of blindly applying complex models without a thorough understanding of their underlying assumptions and limitations. This subject addresses these issues, providing insight into what can and can't be done using quantitative models for credit risk – and how to do what can be done. It introduces students to state-of-the-art mathematical models for credit risk, resulting in an understanding of their relative merits, the issues involved in their implementation and their use in the pricing and risk management of credit risk and credit derivatives.

25851 Mathematical Finance

6ср

Requisite(s): 25855 Fundamentals of Derivative Security Pricing AND 25856 Probability Theory and Stochastic Processes
These requisites may not apply to students in certain courses.
There are also course requisites for this subject. See access conditions.

This subject introduces stochastic calculus and the theory of mathematical finance at an advanced level with applications in derivative pricing, portfolio optimisation and risk management. Techniques of pricing and hedging in finance and insurance are explored. Theoretical problems involving the hedging of derivatives and the change of probability measures and the optimisation of portfolios are formulated and solved.

25852 Numerical Analysis for Quantitative Finance

6ср

Requisite(s): 25851 Mathematical Finance

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject presents various numerical methods used in quantitative finance. It provides a rigorous understanding of advanced numerical, statistical and filtering methods. Emphasis is on simulation methods for solving stochastic differential equations, their systematic application and their links to finite difference and other numerical methods.

25853 Computational Methods and Model Implementation

6ср

Requisite(s): 25857 Interest Rate Modelling AND 25849 Financial Risk Management AND 25850 Credit Risk

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject develops skills to solve computational problems arising in quantitative finance. It investigates solutions for risk management, derivatives pricing, equity and yield curve analysis, focusing on model implementation and calibration to market data. Models are implemented on a Microsoft Excel platform (including Visual Basic) and in C++.

25854 Statistical Methods for Quantitative Finance

6ср

This subject reviews the required tools from mathematics, probability and statistics required to describe some stylised facts about asset returns.

25855 Fundamentals of Derivative Security Pricing

6ср

Requisite(s): 25834 Portfolio Analysis AND 25837 Financial Econometrics

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject introduces the basic concepts for the pricing of derivative securities from an intuitive perspective. Topics include basic concepts from probability theory, the fundamentals of stochastic calculus, arbitrage pricing in continuous time, different interpretations of the arbitrage pricing condition, the partial differential equation, martingale and integral evaluation viewpoints. Option pricing under stochastic volatility and jump-diffusion dynamics is also considered.

25856 Probability Theory and Stochastic Processes

cn

Requisite(s): 25834 Portfolio Analysis AND 25837 Financial Econometrics

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

The subject introduces the theory of stochastic processes and stochastic calculus and demonstrates their applicability to solve problems in finance.

25857 Interest Rate Modelling

6cp

Requisite(s): 25855 Fundamentals of Derivative Security Pricing AND 25856 Probability Theory and Stochastic Processes These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject builds on the subject Fundamentals of Derivative Security Pricing to present the various financial and mathematical concepts, techniques and intuition necessary to price derivative securities in a stochastic interest rate environment. The focus is on spot rate models, the Heath-Jarrow-Morton framework and the LIBOR market model.

25921 Theory of Financial Decision Making

6ср

Undergraduate

This subject introduces the foundations of modern portfolio theory and how it is applied. Topics covered include theory of choice, mean-variance criterion, capital market equilibrium, capital asset pricing model and arbitrage pricing theorem, and equilibrium evaluation of derivative securities.

25922 Financial Econometrics

6ср

Undergraduate

This subject extends knowledge of financial econometrics and model building to enable comprehension of advanced research literature and confident use of econometric techniques in research. Topics include: maximum likelihood estimation and inference in linear and nonlinear models; modern time series methods of dealing with integrated variables; modelling volatility with the ARCH class of models; and models for cross-sectional data.

25923 Derivative Security Pricing

6ср

Undergraduate

This subject covers the following topics:

- pricing methodologies and arbitrage
- key ideas illustrated in a binomial setting
- an introduction to the Ito calculus
- risk neutrality and martingale measures
- the Black/Scholes model and the associated quantitative methods
- the basis of Monte Carlo simulation
- options with early exercise features
- the term structure of interest rates, and
- · pricing of interest rate derivatives.

25924 Advanced Corporate Finance

6ср

Undergraduate

Through study of the research literature, this subject provides an understanding of the motivation, construction and empirical testing of theories in corporate finance. It covers a selection of classic papers in corporate finance, some current research work, and a significant quantity of Australian empirical work. Research studied is concerned with the major issues involved in a company's investment and financing decisions and the interaction of these activities with the formation of prices in the markets for the company's securities.

25927 PhD Thesis: Finance

Оср

Postgraduate

Students must undertake original research, supervised by a senior member of the school's academic staff. Students must prepare a proposal, present it and gain approval before proceeding. The thesis should advance knowledge in the area of finance, and should be of a standard publishable in an international refereed journal.

25928 Thesis Proposal in Finance (Honours)

6ср

Honours

This subject enables students to conceptualise, develop and defend a research proposal on an original problem of a theoretical or applied nature in finance.

25929 Thesis in Finance (Honours)

18cp

Requisite(s): 25928 Thesis Proposal in Finance (Honours)

This subject allows students to research and write a thesis on the proposal developed in Thesis Proposal in Finance (Honours). Students receive regular guidance and feedback from their thesis supervisors. The Honours thesis requires the student to produce a 20,000-word (maximum) thesis based on an original problem of a theoretical or applied nature. The thesis is expected to demonstrate the student's competency to conceptualise, conduct and present research in a scholarly and independent manner.

Each thesis is examined by at least two internal examiners from the Faculty of Business. External examiners may from time to time be appointed at the discretion of the Head of the Discipline Group to support the internal examination process.

25984 Thesis in Finance and Economics (Honours)

12cp

Undergraduate

The Honours thesis requires the student to produce a 20,000-word (maximum) thesis based on an original problem of a theoretical or applied nature. The thesis is expected to demonstrate the student's competency to conceptualise, conduct and present research in a scholarly and independent manner.

25990 Master of Business Thesis (Finance)

Ocn

Students are required to complete a thesis which is considered to involve an amount of study equivalent to four semesters for full-time study, and six semesters for part-time study. The thesis is expected to present original research of a theoretical or applied nature in finance or economics. It is not expected to advance knowledge, as is required in the case of a PhD thesis, but it should give evidence of the student's ability to engage in a substantial investigation, identify and analyse research problems and present the results in a coherent and scholarly manner.

26100 Integrating Business Perspectives

6cp

This subject provides students with an overview of the business landscape with its various economic, legal and regulatory dimensions, in the private, public and non-profit sectors. It provides an introduction to the relationship between the various business disciplines and their contribution to the value of the business and society. Students also consider ethical and sustainability issues as they relate to the role of business in society. In addition, the subject incorporates the development of graduate skills for business professionals, in particular those relating to (business) written communication, oral presentations, group work, and critical, integrative and creative thinking.

First-year experience videos

View commentary from students and academics about this first-year subject at:

- Student video: www.youtube.com/watch?v=rrI6Q2bGMv8
- Academic video: www.youtube.com/watch?v=4tyy3CVgtfY

26134 Business Statistics

6ср

Requisite(s): 26100c Integrating Business Perspectives These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject is designed to develop students' abilities to assess and critically interpret statistics and business information and apply them in changing business environments. The subject places strong emphasis on developing a clear theoretical understanding of various analytical tools as well as an appreciation of the application statistics to business decisions. These skills and competencies provide a foundation for professional practice for further study in the many different majors of the degree.

26703 Introductory Health Economics

6ср

Postgraduate

This subject provides a broad understanding of the economics of health and health care and the skills to apply analytical economics techniques to problems of resource allocation and policy development in the health system. The subject covers key economic issues for the health system and uses economics techniques to understand how the health system operates and to analyse health system reform.

26800 International Business Consulting

8ср

Postgraduate

The subject provides an in-depth practical experience enabling students to develop a better understanding of international business strategies and best practices. During the international study tour, participants are exposed to a series of expert presentations and company visits supporting the course objectives, while solving a business problem for a Sydney-based firm. Academic and industry supervisors are assigned to coach, mentor and assist the participants in the engagement. The scope and nature of the consulting assignment is agreed upon with the client through a proposal process. The findings are delivered to the client in terms of a presentation and a formal report.

27002 Community Engagement

6ср

Undergraduate

This subject enables students to participate in an international community project. Students actively engage in a series of unique and demanding educational experiences during the preparation, participation and evaluation phases of their projects. Hands-on community work allows students to gain invaluable personal and career experience, as well as build powerful life and job skills that can be applied towards future community building initiatives. Community engagement activities are designed to inspire and inform students about the various issues surrounding development and philanthropic community projects. Involvement in community projects encourage students to cultivate an understanding of the value of community development work through results-oriented community-based activities. This learning atmosphere contributes to a positive self-image through team-based, success-orientated activities while, at the same time, extends individuals' self awareness by creating opportunities for the identification of personal strengths and clarification of individual needs and goals.

27100 Current Issues in Sport Business

6ср

This subject allows students to apply the knowledge they have gained previously to an understanding of contemporary, critical, global issues in sport business. Students examine the local and global relevance of the critical issues, the ethical ramifications and the ways in which they, as sport business professional, might respond. They also reflect and project on how such issues might affect the development of sport. The subject assists students to relate critical sport business issues to a wider understanding of social life and community.

27103 Olympic Games and Mega Events

6ср

Undergraduate

The Olympic Games is a significant phenomenon in contemporary sport, tourism and culture with a growing research literature. This subject covers the cultural, sociological, economic and media impacts on the games, the philosophy of 'Olympism' and impacts of the Sydney 2000 event.

27105 Nutrition for Health and Physical Activity

6cp

Requisite(s): 27175 Energetics of Human Movement These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

conditions.

Undergraduate

This subject examines the role of nutrition in maintaining a healthy lifestyle and optimising exercise and sports performance. It focuses on dietary guidelines for health, exercise prescription and sports performance, and on the relationships between physical activity and eating disorders.

27111 Mechanics of Human Motion

6ср

Undergraduate

This subject investigates the mechanical principles required to produce movement. It analyses both internal and external forces with respect to the human body and its environment, with a view to applying various mechanical principles to optimise human performance.

27115 Arts and Entertainment Industries

6ср

Undergraduate

This subject examines the concepts and structure of non-profit and for-profit arts and entertainment industries. It covers theories of cultural distinction and cultural capital and their relevance to the contemporary analysis of leisure and culture. It analyses the organisation of the arts and the entertainment industry in Australia with particular reference to market segmentation, globalisation, sustainability and creating value and competitive advantage. The subject familiarises students with current issues shaping the future of arts and entertainment in Australia.

27116 e-Marketing and Management of Services

6ci

Requisite(s): 27324 Strategic Management in Leisure, Sport and Tourism Organisations

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject examines how information and computer-mediated communication technology is used in the information-intensive leisure and tourism industries. It examines and analyses the use of this technology in the management and marketing of such organisations to establish why it is used, what efficiencies it brings and the implications for the links in the service distribution chain. It gives students an understanding of how e-commerce in the tourism and leisure industries is changing the way in which such services are promoted and distributed to the consumer.

27126 Event and Leisure Industries

6cr

Undergraduate

This subject provides students with an introduction to leisure and events behaviour, industries and experiences. It builds a framework for analysing the development of 'industrial' responses to this behaviour and provides a grounding on which subsequent contextual knowledge is built. It provides students with the opportunity to learn a range of information retrieval and reporting techniques central to the development of scholarship.

27137 Aquatic Services and Events

6ср

Undergraduate

This subject examines the growth and extent of water-based recreation in Australian society; the administrative structures which have evolved to cater for water-based recreation; and the skills and resources necessary to program for selected water-based activities.

27141 Sport Tourism

6ср

Undergraduate

The subject explores the concepts and practices that underpin the relationship between sport and tourism. This includes sport as an active endeavour for tourist, as well as sport as a commodity for witness and consumption by audiences. Students develop an understanding of management, policy and delivery issues in two of the world's largest and fastest growing industries, and how they combine today. Interplays between sport tourism and the economy, sociocultural dynamics, the environment, urban development, and public policy are critically investigated. The subject also includes discussion of cultural variations in sport and tourism, contemporary developments, and likely trends in the future of sport tourism.

27149 Performance Studies 1: Gymnastics and Dance

6ср

Undergraduate

This subject provides students with the knowledge and skills necessary to understand the relationships between human motor development and performance in physical activity. Competence in a range of dance (including jazz, contemporary and warm-up routines) and gymnastics (including warm-ups, cool-downs, floor routines, apparatus and complete lessons) activities is required.

27152 Measurement and Development of Physical Capacity

6ср

Undergraduate

This subject examines the interrelationships between physical activity and the physiological and anatomical development of the individual. It provides students with proficiency in the skills required to assess fundamental capacities related to human movement and emphasises the development of physical capacity (endurance, strength and flexibility) and basic training methodology.

27154 Readings for Thesis

6ср

Undergraduate

This subject provides honours students with the opportunity to explore in greater depth the major themes and issues pertaining to their area of research. It enables students to recognise the contribution of the literature relevant to their research problem. It also allows students to use the literature to develop the theoretical and conceptual framework of their honours thesis.

27155 Research for Human Movement

6ср

Undergraduate

This subject introduces a variety of research design and statistics procedures to reflect the human movement and sport and exercise management fields. Research methods include both quantitative and qualitative procedures. Computer software packages are used to enter, analyse and report data. Students become familiar with statistical procedures relating specifically to the sport and exercise industry.

27160 Sport and Exercise Psychology

6ср

Undergraduate

This subject examines sport performance and exercise participation in relation to cognitive and social psychological constructs. It emphasises the utilisation of sport psychology for performance enhancement in sport and examines the psychological responses involved in exercise, with an emphasis on how these responses influence future exercise behaviour.

27161 Sport Marketing

6ср

Undergraduate

This subject explores marketing concepts as they relate to the funding, promotion and the commercial development of sport. The subject explores sport marketing strategies, sport research, sport advertising, sport publicity, sport sponsorship and promotion across various levels of sporting organisations.

27171 Applied Kinesiology

6ср

Requisite(s): 27111 Mechanics of Human Motion AND 27180 Functional Kinesiology

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject involves a detailed analysis of human motion and provides the opportunity to advance understanding of musculoskeletal anatomy and biomechanics. This is acquired through a detailed analysis of the anatomical and mechanical principles that surround selected movement patterns.

27172 Applied Sport Psychology

6cc

Requisite(s): 27160 Sport and Exercise Psychology These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject examines the field of applied sport psychology. It focuses primarily on performance enhancement through the understanding and implementation of psychological principles in sport situations.

27173 Human Performance in Sport and Exercise

6ср

Requisite(s): 27175 Energetics of Human Movement

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

conditions.

Undergraduate

Students examine human physiological and biochemical responses and adaptations to human performance with emphasis on the efficiency of human movement, training adaptations, muscle metabolism and exercise training methodology. The subject focuses on developing a strong theoretical understanding, as well as developing proficiency in the skills required for fundamental assessment in exercise physiology.

27174 Analysis of Human Motion

6cr

Requisite(s): 27171 Applied Kinesiology

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject expands upon a variety of mechanical concepts integral to the study of human motion. Quantitative problems are developed further and a major research project involving videography is conducted. Linear and angular kinetics are applied to sporting techniques and other human movements. The use of technical equipment for data collection and analysis is a major component of the subject.

27175 Energetics of Human Movement

6ср

Undergraduate

This subject examines the interactions between the bioenergetic, metabolic, neurological and hormonal aspects of human movement, muscular control and cardiorespiratory function and performance. With a focus on energy system development and the physiological response to exercise, this subject supports the development of competencies in the assessment of physiology in a human movement context.

27178 Exercise Rehabilitation

6ср

Requisite(s): 27180 Functional Kinesiology

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

conditions.

Undergraduate

This subject examines the role of physical exercise as a therapeutic adjunct in the amelioration of certain chronic medical conditions caused by disease, sport or workplace injury. It focuses on developing a strong understanding of the physiological, biomechanical and psychological limitations of these chronic medical conditions as well as developing proficiency in the skills required for individualised prescription of exercise programs for special populations.

27180 Functional Kinesiology

6ср

Undergraduate

This subject incorporates a detailed examination of the structure and function of bones, joints, muscles and nerves with emphasis on the identification of anatomical structures and their relevance to human motion. It forms the basis for subsequent study of the physiological and kinesiological aspects of human movement.

27184 Dimensions of Tourism

6cp; 3hpw (2hr lecture, 1hr tutorial); students are expected to attend a minimum of 80 per cent of class sessions; This is a subject for all first year students of tourism.

This is a core foundation subject for any degree that incorporates tourism.

Undergraduate

This subject introduces students to the phenomenon of tourism and the field of tourism studies. It traces two centuries of tourism development and examines the relationships tourism has with sociocultural, economic and natural environments. It also introduces the human element in tourism through a review of key theories of tourism

motivation and tourist behavior. The different types of tourism are introduced and key national and international tourism organisations are studied for their functions in managing tourism activity.

27185 The Tourist Experience

6ср

Undergraduate

This subject introduces conceptual and methodological approaches to the study of the experiences of the tourist. It seeks to develop an understanding of the tourist experience as distinct from the 'at home' leisure experience by exploring the unique sociocultural and physical environment of the tourist. A focus is diversity of experience and social inclusion. The subject discusses approaches to managing tourist experiences. The content of this subject is largely based on contributions from tourism studies, cultural geography, sociology, environmental psychology and social psychology.

27192 Event Impacts and Legacies

6ср

Undergraduate

This subject provides an overview of the events sector, along with the functions and impacts that events have from the perspective of various groups and organisations within a society. Additionally, it examines various approaches that can be used to assess event impacts. The issue of planning for event legacies is also examined. Case studies feature strongly in this subject.

27193 Event Marketing

6ср

Undergraduate

This subject examines the strategic marketing planning process as it applies to events of various types. In moving through this process, this subject deals with: the event marketing environment; setting marketing objectives; understanding event consumers; event marketing strategies; positioning and branding events; managing the quality of event experiences; distributing 'access' to events through the ticketing process; pricing; marketing communications; and approaches to monitoring, controlling and evaluating event marketing efforts. Case studies feature strongly in this subject.

27194 Event Sponsorship and Revenue

6cn

Undergraduate

This subject deals with non-ticket/registration fee-based revenue streams available to public and corporate events. In doing so, it seeks to first identify these income streams before going on to discuss their strategic development. Given its significance to many events, substantial time is given in this subject to examining how events develop and manage sponsorship as a major revenue source. Other revenue streams that are dealt with include merchandising, licensing, concession rights, media rights and grants. Discussion of the evaluation and effectiveness of these revenue streams is also a key aspect of this subject.

27216 Venue Management

6ср

Undergraduate

This subject examines the principles of managing venue and facility operations. Specifically, it addresses how facilities and venues are planned, managed, operated, evaluated and maintained. The subject also covers issues ranging from traffic circulation to security and safety issues. Guest speakers from various venues and facilities are featured and current trends, case studies and future directions are also covered.

27222 Exercise Prescription

6ср

Requisite(s): 27152 Measurement and Development of Physical Capacity

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject examines principles related to the prescription of exercise across a wide variety of populations to achieve specific gains in health, strength, power, endurance and speed. It considers the areas of testing physiological function, program development, age and gender in exercise programming.

27226 Analysis of Motor Control

6cp

Requisite(s): 27180 Functional Kinesiology

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject examines the structure of the motor control system, the processes underlying movement control, methods of assessing muscle and nerve function, posture and balance control, and the development of coordinated movement patterns.

27227 Critical Issues in Health and Wellbeing

6ср

Undergraduate

This subject explores and examines a range of contemporary health issues that exist in Australian society. It focuses on a social view of public health to deepen knowledge and understanding of the fundamental health principles and explore a range of health models. The social determinants of health are examined to highlight the limitations of medical approaches and introduce the social model of health. Knowledge and understanding of lifestyle, sexual and mental health issues are critically analysed by examining the range of physical, social and cultural determinants that impact on health and wellbeing. The subject enables students to identify and discuss preferred solutions to critical issues in health and wellbeing, and provides an overview of the links between behavioural risk factors and illness and mortality as well as between health behaviours and disease prevention and wellness. Students learn behaviour change principles and strategies for effective implementation of healthy lifestyle goals and habits.

27228 Lifespan Development

6ср

Undergraduate

This subject investigates human growth and development across the lifespan. It examines the effects of age, gender, ethnicity, culture and development stages on physical capacity. It also analyses the effects of physical activity and health behaviours on growth and development.

27249 Performance Studies 2: Dance and Athletics

6ср

Undergraduate

This subject provides students with the knowledge and skills necessary to understand the development of human physical capacities, strength, power, flexibility and cardiorespiratory fitness. Competence in a range of exercise, sport and dance activities is required.

27252 The Sport Industry

6cp

Undergraduate

As the Australian sport industry becomes more professional and complex, the number of agencies involved in the delivery of sport products and services multiplies. This subject examines individual agencies to determine their respective input into the sport environment and explores the relationships and interconnectedness between such groups. It assesses and analyses the impact of business, the various arms of government and volunteers on both mass and elite sport to provide a coordinated perspective of the sport industry.

27253 Sport in the Global Marketplace

6ср

Undergraduate

This subject examines similarities and differences in the production and consumption of sport in the international environment. It provides students with a critical understanding and the essential skills necessary for leaders of sport and leisure industries to prosper in a rapidly emerging global marketplace.

27307 Sport Management

6ср

Undergraduate

This subject examines the scope and role of sport in contemporary society with particular reference to Australia. It seeks to understand and account for policy development and implementation across the commercial, public and voluntary sectors and addresses a number of professional issues surrounding contemporary trends in Australian sport.

27308 Exercise Management for Special Populations

6ср

Requisite(s): 27152 Measurement and Development of Physical Capacity

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject examines the aetiology of lifestyle and clinically relevant diseases with a focus on physical activity and exercise. The course presents information relating to the physical and mental health benefits of physical activity and exercise for health under various physiological and metabolic conditions. Students develop an understanding of the factors that determine, influence and modify the physical activity habits of individuals and whole populations who may present with, or be at risk of, various disease states. This subject reinforces principles and practice of technical skills required of the exercise scientist. Students develop competencies in assessment of cardiorespiratory health, muscular and orthopaedic performance and clinical exercise stress testing central to professional practice in the health and fitness setting.

27323 Government and Policy for Leisure, Sport and Tourism

6ср

. Undergraduate

This subject examines the rationale for government involvement in leisure, tourism, sport, the environment and the arts. It also examines political ideology and power processes in the community and methods of policy analysis, including performance indicators, cost benefit, economic impact analysis and performance appraisal. Lastly, the subject reviews policy initiatives.

27324 Strategic Management in Leisure, Sport and Tourism Organisations

6ср

Undergraduate

This subject brings together knowledge gained by students from both generic business and disciplinary subjects via applications to the strategic management of leisure, sport and tourism organisations. It exposes students to strategic management planning tools and processes used in leisure and tourism industry organisations that result in desired outcomes for these organisations. Students are provided with the knowledge and skills to be comfortable with and apply strategic financial and human resource management techniques.

27326 Diversity Management

6cp

Undergraduate

This subject examines the philosophical and theoretical issues related to 'specific populations'. It traces the historical evolution of treatment of specific populations and discusses contemporary practice. Selected specific populations (e.g. people with physical disabilities, gay and lesbian communities) are covered in detail with the focus of study on leisure, lifestyle and opportunities. Students have direct contact with specific populations through field visits.

27327 Tourism and Sustainability

6ср

Undergraduate

This subject examines the relationship between tourism and sustainability, in particular the reasons why there are questions about the long-term sustainability of tourism and ways in which this issue can be addressed. The various meanings and applications of sustainability to tourism are explored. Tourism's major impacts on and relationships with economic, ecological and sociocultural environments are identified and discussed. Both government and

industry-initiated policies and practices, designed to enhance tourism's sustainability in the context of attractions, tourism enterprises and destinations, are critically examined.

27331 Skill Acquisition

6ср

Undergraduate

This subject examines the processes underlying skilled motor performance, how skilled performances are learned and how to apply the principles of skilled performance and learning in instructional settings in human movement such as teaching, coaching and rehabilitation.

27341 Health Promotion

6ср

Undergraduate

Health promotion provides the process for increasing awareness of factors that impact on health as well as health enhancement strategies. To reach a state of complete physical, mental and social wellbeing, an individual or group must be able to identify and realise aspirations, satisfy needs, and change or cope with the environment. Health is hence viewed as a valuable resource for life and livelihood. Health promotion, therefore, is not just the responsibility of the health sector, but reaches beyond healthy lifestyles to optimise wellbeing for all.

27342 Sociocultural Concepts for Leisure, Sport and Tourism

6ср

Undergraduate

This subject considers theories and concepts of relevance to the society in which leisure, events, sport, human movement and tourism professionals practise. The subject explores key theoretical concepts such as power, globalisation, commodification, flow, play, sociability, authenticity and diversity and familiarises students with a cross section of literature that informs different aspects of leisure, event, sport, human movement and tourism theory.

27344 Research Foundations for Leisure Sport and Tourism

6ср

Undergraduate

This subject introduces students to the research process and each of its elements. It aims to develop understanding of the approaches to the collection, interpretation and statistical analysis of data within leisure, sport and tourism. Students become proficient in a range of quantitative, qualitative and experimental research methods used in the area. The subject develops skills in entering, analysing and presenting data using standard software packages. The emphasis of this subject is on developing an understanding of how research is conceptualised, actioned and reported.

27345 Creating Event Experiences

6ср

Requisite(s): 27703 Event Management

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject deals with the process of creating and developing concepts for events. It examines the various aspects and stages of the event creation process and the elements and processes available to the event manager in devising and developing quality event concepts. The subject content includes a mix of theory and application, as students design, implement and evaluate an event of their own creation.

27346 Tour Operator and Wholesaling Management

6ср

Undergraduate

This subject seeks to provide students with knowledge and skills associated with management level positions within the tour wholesaler, inbound tour operator and local tour operator subsectors of the tourism industry. In doing so it overviews the nature and characteristics of these tourism industry sub-sectors, examines marketplace trends and issues impacting upon them and discusses their marketing, management and operations. A key aspect of this subject is the development of skills and knowledge in students such that they can analyse case specific data and recommend appropriate management/marketing responses.

27347 Hotel Management

6ср

Undergraduate

This subject seeks to develop a sound understanding of strategic and operations management in a hotel context. In performing this role it provides an overview of the Australian and international hotel industry, describes the nature of the hotel product and the markets that this product serves, discusses hotel business and marketing strategy options and examines operational practices associated with the successful conduct of a hotel business. A key aspect of this subject is the development of skills and knowledge in students so they can analyse case-specific data and recommend appropriate management responses.

27348 Critical Issues in Global Tourism

6cp

Requisite(s): 27185 The Tourist Experience

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This is a final year subject which allows students to apply the knowledge they have gained in the course to an understanding of contemporary, critical, global issues in tourism. Students examine the local and international relevance of the issues, the ethical implications and the ways in which they, as tourism professionals, might respond. Students also reflect and project on how such issues might affect the development of tourism. The subject assists students to relate critical tourism issues to a wider understanding of society.

27349 Performance Studies 3: Sport and Aquatics

6cp

Undergraduate

This subject provides students with the knowledge and skills necessary to understand biomechanical and physiological analysis procedures in sport. Competence in various sport and aquatics activities is developed.

27350 Professional Internship (Capstone)

6ср

Requisite(s): ((27184 Dimensions of Tourism AND 27648 The Tourism Business) OR 27703 Event Management)

These requisites may not apply to students in certain courses. See access conditions.

Undergraduate

In this subject, students undertake a professional internship with an organisation in the sports, tourism leisure or events industry. This assists in developing employment skills, knowledge and contacts identified as essential to career goals. Through their internship, students are exposed to the managerial functions and activities of their chosen industry. A written reflection on each period of internship is required. Students must undertake up to 240 hours of work with an industry organisation and complete an agreed program of work based on predetermined learning objectives.

All students are required to:

- complete a minimum of 210 hours in an approved workplace. This is equivalent to six weeks or 30 days of full-time experience, where the standard working day equals seven hours and excludes lunch breaks
- complete one placement only
- keep an accurate account of their hours worked and include this as a formal part of the assessment for the subject.

27361 Industry Project 1

6ср

Requisite(s): 27344 Research Foundations for Leisure Sport and Tourism

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject provides students with the knowledge and skills to negotiate and establish a relationship with an industry partner, interpret the partner's needs in relation to a specific management problem, systematically review existing research material and prepare a proposal for researching and solving an industry-based management

problem. Students are provided with the opportunity to learn and integrate industry standard research and project management skills. The research proposal outcome of the subject is operationalised in the following semester through Industry Project 2.

27362 Industry Project 2

6cp

Requisite(s): 27361 Industry Project 1

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject requires students to apply the knowledge and skills they have developed throughout their course to a particular industry-based project. Students carry through the activities outlined in the project proposal they prepared in Industry Project 1, with the aim of solving a selected management problem on behalf of an industry client. Students work closely with the industry client and under the supervision of an academic supervisor. This project is the culmination of the practical, professional stream of the Bachelor of Management in Tourism and Bachelor of Management in Events and Leisure.

27449 Performance Studies 4: Skill Acquisition (Sport)

6cp

Requisite(s): 27171 Applied Kinesiology

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject utilises a practical framework to investigate the theoretical and practical components required for the performance of four individual/team sports.

27523 Planning for Sustainable Destinations

4cn

Requisite(s): 27327 Tourism and Sustainability

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Undergraduate

This subject examines the application of environmental planning principles and practices to the level and quality of provision of facilities and settings for tourism experiences. The need for and role of environmental planning are defined in the context of developing tourist destination sustainably. Those aspects of environmental planning legislation and practice that most directly impinge on tourism are examined in detail, in the context of achieving certain general aims and objectives. Environmental planning practices examined include plan formulation and preparation, processes and mechanisms of development control, including zoning and development standards, and environmental impact assessment. Planning for sustainable tourism is considered in relation to a range of destination types, including cities, protected areas and coastal resorts.

27602 Popular Culture and the Experience Industries

6cn

Undergraduate

Popular Culture and the Experience Industries is an elective subject that provides students with an advanced understanding of the links between popular culture and the experience industries. Through the lens of popular culture theory students examine and gain insights into the impacts popular culture has on the lives of people in western capitalist societies, and the ethical implications of the cultural messages conveyed through the mass media.

27603 Community Service Learning and Social Entrepreneurship

6ср

This subject provides students with experiential learning contexts that allow for the identification of the value of disciplinary specific knowledge and generic graduate attributes for community engagement. Through service learning, community engagement projects with partner organisations are provided to enable students to reciprocally engage with community organisations to contribute to community development and reflect on their contribution, learning and social responsibility.

27608 Prevention and Care of Athletic Injuries

6ср

Requisite(s): 27180 Functional Kinesiology

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject examines the management (recognition, treatment and prevention) of injuries related to sport, the workplace and physical activity. Emphasis is placed on immediate recognition and on-site treatment of injuries and the role of the human movement specialist in rehabilitation and prevention of athletic injuries.

27620 Special Learning Project

6ср

Undergraduate

This subject provides students with the opportunity to develop specific project-based vocational or theoretical knowledge in an area of personal interest. It is open to students who have attained a Credit average or above and who have demonstrated a capacity to engage in self-directed work.

27628 Law for Leisure, Sport and Tourism

6ср

Undergraduate

This subject examines the law as it relates to leisure, sport, tourism and events. It provides students with both the knowledge of fundamental principles of relevant laws as well as the ability to identify and analyse problems from a legal perspective.

27642 Tourism Marketing

6cp

Requisite(s): 24108 Marketing Foundations

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject seeks to develop in students an understanding of how marketing concepts and practices apply in the context of both tourism destinations and tourism services. It describes the environmental and industrial context in which the marketing of tourism services and tourist destinations takes place and examines the characteristics of tourism services and tourist destinations that impact upon the application of marketing theory. It also provides an overview of the broad characteristics of inbound, outbound and domestic tourism markets and the various approaches that can be employed to segment these markets. Considerable time is spent discussing strategic considerations in tourism marketing, (such as demand management, branding and positioning, electronic channels for promotion and distribution) and in examining key considerations in the promotion, pricing and distribution of tourism services / destinations. The analysis of case-specific data relating to the marketing of tourism services/ destinations is a key aspect of this subject.

In view of the impact of the January 2011 floods and February's Cyclone Yasi on the marketing of Queensland as a destination, some time is devoted to the issue of post-crisis marketing for destinations and tourism businesses.

27646 Tourist Attractions Management

6ср

Requisite(s): 27184 Dimensions of Tourism OR 27648 The Tourism Business

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject examines the distinctive aspects of tourist attraction management and marketing. It examines a range of selected case studies, which in the past have included Gledswood Homestead, Manly Aquarium and the Australian Museum. It reviews the relationship between tourist attractions and inbound tour operators, coach tour operators, and local, regional and state tourist organisations and involves a number of field visits. The subject is of interest to students seeking to develop knowledge and skills relevant to the pursuit of careers in the tourist attraction area, or in tourism industry sectors which interact closely with tourist attractions.

27647 Airlines and Transportation Management

6cp; 3hpw (2hr lecture, 1hr tutorial)

Recommended studies: introductory tourism subjects and an introductory marketing subject; an understanding of macroeconomic concepts on the provision of transport services and the political and regulatory influences on these services

Tourism elective (3rd year)

Undergraduate

This subject introduces students to management within the context of the transportation sector. It covers the airline industry in depth and also explores corresponding issues and concepts within other forms of transport. Its deals with the environmental (especially regulatory) context in which transport providers operate, general principles of transport economics, strategic management, marketing, service delivery and collaborative linkages between the sector and other sectors of the tourism industry.

Typical availability

Autumn semester

27648 The Tourism Business

6ср

Undergraduate

This subject focuses on the industrial element of a tourism system. Students complete a comprehensive, systematic analysis and description of essential elements involved in highly industrialised tourism in terms of their functional, structural, operational and interrelational attributes. This subject also introduces students to ways in which industry firms respond to trends, tourist motivations and external influences and at the same time manage their operations to minimise negative impacts on societies and natural environments.

27649 Ecotourism Planning and Management

6ср

Undergraduate

This subject addresses the range of management and planning issues appropriate to the operation of ecotourism in Australian society. It provides students with an understanding of key aspects of ecotourism projects and operations and explores principles and practices for commercial and public agencies that are available and include the underlying principles and ethics of ecotourism. It examines the skills needed to establish a successful ecotourism project or operation and considers issues such as ethical marketing and community relationships. It also explores the context of ecotourism in a variety of natural and organisational settings.

276901 Honours Thesis 1

15cp

 ${\sf Undergraduate}$

The honours thesis requires students to produce a 20,000-word thesis based on an original problem of a theoretical or applied nature. The thesis is expected to demonstrate students' competency to conceptualise, conduct and present research in a scholarly and independent manner.

276902 Honours Thesis 2

15cp

Undergraduate

The honours thesis requires students to produce a 20,000-word thesis based on an original problem of a theoretical or applied nature. The thesis is expected to demonstrate students' competency to conceptualise, conduct and present research in a scholarly and independent manner.

27700 Sustainable Tourism Management

6ср

Postgraduate

This subject provides students with an awareness of significant contemporary issues arising from tourism's impacts on its economic, natural/ecological, social and cultural environments. It explores appropriate policy, planning and management responses to these issues, encapsulated in the pursuit of sustainable tourism. It critically examines a range of broad tourism industry responses, individual enterprise initiatives and forms of government intervention designed to achieve more sustainable tourism. The need to be mindful of tourism's impacts and the pursuit of sustainability are significant parts of the context in which contemporary tourism operates.

27703 Event Management

6ср

Undergraduate

This subject provides students with the skills and knowledge necessary for management positions within the area of special event management. Particular emphasis is placed on conferences, festivals, community special events, sporting events, and promotional events. The subject describes the broad characteristics of special events, and discusses the roles played by events in the development of tourist destination regions. It examines the broad functions performed by events from the perspective of communities, organisers, marketing departments of firms, participants and attendees and reviews the planning, marketing, organising and evaluation tasks associated with events.

27706 Managing Tourism Services

6ср

Postgraduate

This subject examines management as a social process and applies management theories and empirical studies to various travel and tourism industry settings and management structures. It examines the functions and levels of management in travel and tourism industry organisations and develops students' abilities to formulate management strategies and perform management functions appropriate to sectors of the travel and tourism industry. Ethical responsibilities of travel and tourism industry managers in relation to external environments and publics are also considered.

27707 Applied Research Methods

6ср

Postgraduate

This subject provides an understanding of basic social science research methods and processes commonly used in research within the specialised industry contexts. It provides a framework for considering the relationships between theory and practice and seeks to imbed the use of research-based knowledge within the professional fields of practice to which it relates. Both qualitative and quantitative approaches to research are covered.

27715 Sport Business

6ср

Postgraduate

This subject aims to provide students with critical understanding of the theories, knowledge and skills necessary for managers in commercialised sport to operate effectively in increasingly complex sociocultural environments and competitive business markets.

Typical availability

Autumn semester, City campus

27717 Venue and Facility Management

6ср

Postgraduate

This subject examines the principles of managing venue and facility operations. Specifically, it addresses how facilities and venues are planned, managed, operated, evaluated and maintained. The subject also covers issues ranging from traffic circulation to security and safety issues. Guest speakers from various venues and facilities are featured and current trends, case studies and future directions are also covered.

Typical availability

Spring semester, City campus

27721 Sport Globalisation

6ср

Postgraduate

This subject provides a critical understanding of global theories and practices in elite-level sports and within a variety of economic, political and socio-cultural contexts. It examines the impact of globalisation on the meaning, production, consumption and performance of sport. The subject therefore seeks to develop knowledge of and sensitivity to values, customs and traditions of sport management practices in a range of international contexts. It examines how global-local forces produce pressure for the adoption or adaptation of dominant modes of sport organisation. An underlying assumption is that awareness of global-local dynamics of economy, politics, culture and sport performance are necessary for advanced leadership of sport in dynamic international settings.

27726 Event Concepts and Contexts

6ср

Postgraduate

This subject provides an overview of the events sector, along with the functions and impacts that events have from the perspective of various groups and organisations within society. Additionally, it examines the various external environments that impact upon, or are impacted by, events. Key tools that can be employed in assessing event impacts (such as cost-benefit analysis) are also reviewed. Issues associated with public policy and events, and the linkage between events and regional/urban development and sustainable development are examined, often through the vehicle of case studies.

27727 Event Creation Workshop

6ср

Postgraduate

This subject examines the process of creating, developing and implementing an event concept. It deals with the nature of the creative process, responding to client briefs, identifying event objectives, site selection and design, the formation and leadership of creative teams, and the selection, sourcing and management of the creative elements of an event. Case studies by leading industry professionals dealing with the development of creative event concepts are a feature of this subject.

27729 Legal Issues for the Experience and Not-for-Profit Industries

6ср

Postgraduate

This subject considers the laws relevant to sport, tourism, events and arts management. The subject explores legal structures and essential laws, including contracts, torts (negligence), consumer protection, intellectual property, industrial relations and those laws which are specific to sport, tourism, events and the arts. Students are equipped to recognise legal obligations in the management context.

Typical availability

Autumn semester, Kuring-gai campus

27732 Sport Organisations

6ср

Postgraduate

This subject provides a framework for analysing the structure, purposes and roles of sport organisations, their key responsibilities to stakeholders, and the impact of policy factors and sociocultural influences on their operation.

27733 The Experience Economy

6ср

Postgraduate

This subject explores the nature and emergence of the experience economy as the broad context within which the arts, sport, tourism and events sectors operate. The distinctive nature of experiences is explored, particularly with regard to the role of the consumer in the co-creation of value within experiences. The particular characteristics of both the demand and supply side of the experience economy are examined, with some emphasis on the role of collective and collaborative behaviour within and between sectors. An understanding of the dynamics of the experience economy leads ultimately to a consideration of the future challenges within the various sectors.

27734 Marketing for the Experience Industries

6ср

Postgraduate

This subject introduces students to the role of marketing in a firm and the principles and concepts that underpin effective marketing within the industry sectors of arts, sport, tourism and events. The marketing of services underpins marketing activity within each of these sectors. Apart from the generic marketing concepts of segmentation, product positioning, branding, pricing, promotion and distribution, this subject also focuses on sponsorship and revenue management, customer loyalty strategies and destination marketing as applicable to each of these industry sectors.

27735 Tourism and the Industry

6cp

Postgraduate

This subject provides students with an essential underpinning and broad knowledge and understanding of the specific and general contexts within which management in, and management of, tourism are practiced. It systematically analyses all the essential elements of tourism, with particular emphasis on the structure and functions of the tourism industry. It also provides an overview of the nature of the interrelationships between tourism and the significant environments with which it interacts. The subject uses information and case studies from Australian and international contexts.

27737 Event Risk Management

6cp

Postgraduate

This subject seeks to develop in students an understanding of the skills and knowledge associated with the creation, implementation, monitoring and evaluation of risk management strategies in an event setting. Additionally, it seeks to provide students with the capacity to critically review existing approaches used by events for the management of risk.

27753 Arts and Cultural Industries

6ср

Postgraduate

This is a specialised subject that explores social, political, cultural and economic factors in the development of arts and cultural production and consumption. The focus is on the development of arts and cultural industries as a whole, policy development and the structures of arts organisations. Particular issues considered include the politics and history of public support for the arts, analysis of audiences, the economic and social impact of the arts, the convergence of the public and private sectors, entrepreneurialism and the arts, analysis of specific arts and cultural sectors and theories of culture and art.

27755 Arts Organisations and Management

6ср

Postgraduate

This is a specialised subject that develops a critical appreciation of management practices and organisational forms in arts and culture organisations. The subject examines the impact of different modes of managing and creative problem solving. It aims to create an awareness of behavioural issues within arts organisations including power, control, conflict, negotiation, decision-making and strategic planning. It addresses a range of contemporary issues which impact upon managing within these organisations including leadership, human resource management and entrepreneurialism in not-for-profit arts organisations.

27757 Ecotourism Planning and Management

6ср

Postgraduate

This subject addresses the range of management and planning issues appropriate to the operation of ecotourism in Australian society. It provides students with an understanding of key aspects of ecotourism projects and operations and explores principles and practices for commercial and public agencies that work but still include the underlying principles and ethics of ecotourism. It examines the management skills that are needed to establish a successful ecotourism project or operation and considers issues such as ethical marketing and community relationships. It also explores the context for management, planning and operation in this area such as conservation, protected area management and organisational relationships in the tourism industry.

27763 Arts and Cultural Policy

6ср

Postgraduate

The aim of this subject is to explore theoretical and conceptual frameworks with which to discuss and critically evaluate current and ongoing issues within the arts industry and to enable students to pursue their own research interests. These interests are related to ongoing professional arts involvement and supported through regular seminar participation. The fields of cultural management and cultural economy form the basis of the subject's critical focus. It

draws broadly upon sociology, cultural economy and management concepts to analyse cultural production and consumption. The subject encourages students to investigate a cultural policy in relation to a specific arts organisation or its audience.

27764 Analysis of the Olympic Games

6cp

Postgraduate

This subject provides students with knowledge and understanding of the Olympic Games phenomenon in general, and its impact on host cities and countries. It covers the history of the ancient Olympics; the origins and development of the modern Olympic Games; political dimensions, including examination of the Olympic Games under fascist, communist, and capitalist regimes; boycotts, terrorism and international politics; cultural, sociological and media aspects of the Games; the idea of the 'Olympism' – its origins, construction and cultural significance; social impacts of the Games in host communities; financing of the Olympic Games and their economic impact; the Games as a tourism phenomenon; political, social and economic analysis of hallmark events (festivals and major sporting events) in general; and issues facing the Olympic Games, such as drugs, discrimination and commercialisation.

27765 Event Management

6ср

Postgraduate

This subject deals with the event project management process. This process involves a series of sequential steps, specifically initiation, planning, implementation, employment of control and monitoring systems, evaluation and legacy management. In discussing these steps, those factors that act to condition how they are undertaken are also addressed. Additionally, matters relating to ethical and socially responsible business practice are dealt with in this subject. A core focus is the development of skills and knowledge associated with the ability to critically assess events in terms of their current management practices.

27767 Tourist Behaviour

6ср

Postgraduate

This subject examines the conceptual and methodological approaches to the study of tourist behaviour. It is based on contributions primarily from sociology, cultural geography, social psychology and environmental psychology. It relates the tourist to their sociocultural context. Application of the knowledge to the management of tourism is central to the subject.

27769 Professional Internship for Graduates

6ср

Postgraduate

This subject is designed for graduate students in arts, events, sport and tourism management and for students in the MBA program with a major in arts. For those students who have limited work experience in the arts, events, sport and tourism industries, the subject provides the opportunity, through a placement, to gain such experience and to relate it to theoretical and applied learning. For those students who are already working in a relevant industry, this subject provides the opportunity for students to diversify their experience and their theoretical and applied learning. This subject is based on a practical internship of no less than 160 hours, an evaluation of the work experience gained and a report on the internship by way of an individual learning contract developed in association with a supervisor.

27773 Guiding and Interpretation Management

6ср

Postgraduate

Students undertake a program that develops their skills as interpretative guides and their understanding of the management of this area of a company/agency. The program focuses on the roles of leadership and small group communication to develop an understanding of the skills that are required of a guide.

Interpretation and the forms it takes in settings such as historic sites, museums and protected areas are explored to enable students to meet the needs and expectations of potential clients when operating or managing guiding.

Environmental, outdoor and experiential education methods and techniques are presented to develop skills and understanding of matters such as ecological concepts, risk management and legal liability. The subject uses an experiential learning approach based in a variety of settings but particularly focuses on the outdoors.

27778 Innovative Services Management

6ср

Postgraduate

This subject explores the nature of innovation and entrepreneurship in service industries. It examines creative management theories and applications of entrepreneurial and innovative thinking, activity and advocacy for change within specific industry organisations. Students work on case studies in understanding the challenges facing specific organisations and their ability to move through a life cycle from new entrant, maturity and decline to reinvention. It includes examining skills in identifying, harnessing and further developing resources from public and private sources as well as developing appropriate products and services for trading. Students develop a business case approach for investment in an innovative or entrepreneurial product or service within a specific service organisation.

27800 Applied Leadership and Strategy

8cp

Postgraduate

This subject focuses on issues of leadership, teamwork and strategic thinking in a global business environment. The subject is experientially grounded and uses both computer-based simulations and creative problem-solving activities that involve leadership and teamwork as catalysts for learning. Students assess business risk through an analysis of industry and competitive conditions in a global context, engage in enhanced problem-solving and creative-thinking exercises, think strategically about a company's competitive situation and future prospects, develop and revise strategies in the light of changing conditions, and reflect on their leadership and team-based actions to gain a deeper understanding of personal strengths and development opportunities.

27935 Applied Studies

6ср

Postgraduate

This elective subject allows self-directed students to develop their own program of study based on a defined research or industry project. As such, it allows students to develop specific expertise in a chosen vocational or academic area within the events, arts, sport or tourism field. The subject provides students with the freedom to define their own study agenda and pursue this with the support of a relevant academic staff supervisor.

Typical availability

Autumn semester, Kuring-gai campus

27941 Advanced Research Methods for Leisure, Sport and Tourism

6cp

Requisite(s): (27707 Applied Research Methods OR ((27344 Research Foundations for Leisure Sport and Tourism OR 27155 Research for Human Movement)))

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject assumes a basic knowledge of the range of qualitative and quantitative research methods used in leisure, sport and tourism research and the ability to use statistical analysis packages such as SPSS. This subject covers two areas: conceptual and theoretical approached to research and qualitative and quantitative research methods. The first of these addresses the nature of research and its relationship to policy and the development of knowledge and conceptualisation and design of research projects. The quantitative area involves the application of statistical methods and exploration of the more advanced capabilities of the SPSS package.

Typical availability

Autumn semester, Kuring-gai campus

27946 Masters Project

6cr

Requisite(s): 27941 Advanced Research Methods for Leisure, Sport and Tourism

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject is an elective option in the Master of Management program in the School of Leisure, Sport and Tourism. The subject provides the opportunity for students to apply knowledge learned and skills acquired in a practical or theoretical context. At the completion of the subject students have prepared a research report or an equivalent piece of work for submission to an academic or professional journal.

28723 Research Dissertation 1 (Business)

24cp

For subject description, contact UTS: Business.

28724 Research Dissertation 2 (Business)

24cp

Requisite(s): 28723 Research Dissertation 1 (Business) There are also course requisites for this subject. See access conditions.

For subject description, contact UTS: Business.

31000 e-Business Trading

6ср

Recommended studies: ability to program in Java, and to work comfortably with Java documentation

Undergraduate

This subject covers the following topics: the structure of electronic markets and their role in electronic business; an analysis of various negotiation mechanisms suitable for deployment in electronic business; take-it-or-leave-it mechanisms, auctions, bargaining (haggling) and contracts; an examination of the mechanisms being used in existing commercial electronic markets; and the design, construction and deployment of negotiation software for both electronic trading agents and electronic markets.

31005 Data Mining Algorithms

6ср

Requisite(s): 31040 Data Mining and Knowledge Discovery OR 31250 Introduction to Data Analytics

Undergraduate

Data mining is an exciting new field combining databases, artificial intelligence, machine learning and visualisation among others. It is applied in many fields of business, industry and science to discover new information and knowledge. At the heart of data mining are the knowledge discovery algorithms. This subject builds on previous data mining subjects to give an understanding of how both basic and more powerful algorithms work.

31008 Directed Study 1

6ср

Undergraduate

This subject is a small group subject that covers a specialist topic at an advanced level. The topic of an individual subject is chosen by the subject coordinator. There are no set lectures; instead, the students and the coordinator meet once a week to discuss the topic.

31009 Directed Study 2

6ср

Undergraduate

This subject is a small group subject that covers a specialist topic at an advanced level. The topic of an individual subject is chosen by the subject coordinator. There are no set lectures; instead, the students and the coordinator meet once a week to discuss the topic.

31010 Directed Study 3

6cp

Undergraduate

This subject is a small group subject that covers a specialist topic at an advanced level. The topic of an individual subject is chosen by the subject coordinator. There are no set lectures; instead, the students and the coordinator meet once a week to discuss the topic.

31013 Directed Study 4

6ср

Undergraduate

This subject is a small group subject that covers a specialist topic at an advanced level. The topic of an individual subject is chosen by the subject coordinator. There are no set lectures; instead, the students and the coordinator meet once a week to discuss the topic.

31016 Career Management for IT Professionals

6ср

Undergraduate

The aim of this subject is to enable students to understand the culture of the IT workplace, to identify work opportunities, to effectively market themselves to appropriate employers and to develop professional skills and behaviours sought by employers that enable students to transition effectively into the IT workplace.

The subject focuses on using information from the workplace to understand typical entry-level IT graduate jobs available, the skills (both technical and generic) required to be competitive job seekers, an understanding of how to develop effective targeted applications and how to perform well in an interview. It prepares IT students to work effectively in groups, to manage meetings and to write well-structured professional reports. The subject also supports the development of a skills-based e-portfolio for ongoing career management.

31028 Project

2cp; availability: undergraduate degree students Undergraduate

This subject is intended to give students experience in working independently on a small research or development project. The project may be drawn from any area of information technology. Each project is supervised by a member of academic staff.

31029 Project

4cp; availability: undergraduate degree students Undergraduate

This subject is intended to give students experience in working independently on a small research or development project. The project may be drawn from any area of information technology. Each project is supervised by a member of academic staff.

31030 Project

6cp; availability: undergraduate degree students Undergraduate

This subject is intended to give students experience in working independently on a small research or development project. The project may be drawn from any area of information technology. Each project is supervised by a member of academic staff.

31050 Programming with Patterns

6cp

Requisite(s): (31267 Programming Fundamentals OR 48023 Programming Fundamentals) AND (31271 Database Fundamentals OR 31061 Database Principles OR 31474 Database Fundamentals) Undergraduate

Patterns are fundamental to many aspects of intelligence. They are produced in pattern recognition systems for image processing and data mining, and are consumed by pattern-matchers to find useful information. Pattern calculus is a new foundation for computation in which patterns are central. It is realised in the programming language bondi (being developed at UTS) that supports a variety of programming styles, including query programming and object orientation. This subject introduces the theory and practice of programming with patterns to students already familiar with a number of programming styles.

31061 Database Principles

6cp; availability: BBus/BComp and non-Faculty of IT students Recommended studies: it is assumed that students are familiar with basic system analysis concepts and have basic software skills Undergraduate

This subject introduces the students to basic database design and implementation concepts. Database design techniques, including relational design and E-R analysis, are presented. Database queries using SQL is covered in lectures and supported by practical exercises.

31075 Object-relational Databases

6ср

Requisite(s): 31271 Database Fundamentals

Undergraduate

This subject introduces students to object-oriented and object-relational databases and their application for the management of multimedia and other types of complex data. Following a brief review of relational database and object-oriented principles, the SQL:2003 object-relational model and language features are introduced. This is followed by a description of the multimedia standard SQL/MM. The theoretical discussion of these topics is supported with practical hands-on exercises using the Oracle 11g database management system.

Typical availability

Spring semester, City campus

31080 Digital Multimedia

6cm

Requisite(s): 31267 Programming Fundamentals OR 48023

Programming Fundamentals

Recommended studies: Basic programming skills

Undergraduate

Digital multimedia is a combination of media (text, pictures, audio and video) that is represented digitally and hence can be treated as data by computer programs. The full potential of this fact is yet to be explored, but one facet of it - its interactivity - distinguishes digital multimedia from its predecessors.

Interactive multimedia systems are becoming increasingly widespread and have the potential to provide more complex and engaging experiences for users in many domains, including games, the arts and business. This subject introduces the fundamental principles of interactive multimedia and associated tools.

Typical availability

Spring semester, City campus

31091 Mobile Computing Project

6cp; availability: undergraduate degree students Requisite(s): ((31089 Mobile IP and Wireless LANs OR 31088 Mobile Networks) AND 31090 Mobile Programming) Undergraduate

This subject provides students with an opportunity to participate in a group project, developing a simple wireless application. A member of academic staff supervises each group project.

31096 Managing Client/Vendor Relations

6ср

Requisite(s): 31476 Systems Development Project OR 31485 Systems Development OR 31269 Business Requirements Modelling OR 31475 Requirements Engineering OR 31424 Systems Modelling OR 31281 Systems Development Project Undergraduate

This subject deals with management, social, legal and financial issues that arise when several parties are involved in the development of an information system. Situations considered are outsourcing, insourcing, development partnerships, support relationships and individual contracting. Students are provided with sufficient resources to plan for and evaluate their position as a client or vendor, and to assess where they need professional advice.

31097 IT Operations Management

6ср

Requisite(s): [([31466 Principles of Distributed Computing OR 31509 Computer Fundamentals OR 31516 Networking Fundamentals OR 31268 Web Systems OR 31270 Networking Essentials] AND [31468 Information, Classification and Control OR 31060 Information Systems Principles OR 31266 Introduction to Information Systems OR 31414 Information Systems OR 31472 Introduction to Collaborative Systems)] OR 31484 Information Systems Foundations) Undergraduate

This subject allows students to develop the knowledge and skills required for effective management of hardware, software and human resources within an information systems organisation. Major topics are resource acquisition, developing software, workplace environment, recruitment and training policies, hardware and software security, operations management and EDP accounting.

31100 Enterprise Development with .NET

6ср

Requisite(s): (31927 Application Development with .NET AND (31061c Database Principles OR 31271c Database Fundamentals OR 31474c Database Fundamentals))

Recommended studies: a good understanding of the C# programming language, client-server network concepts; basic HTML skills; basic database design and SQL Undergraduate

The development of enterprise applications requires knowledge and skills spanning a range of technical areas. This subject focuses on the key components of enterprise applications and their implementation in .NET. Topics include enterprise application design, security and data access. The language used is C#.

Typical availability

Autumn semester, City campus

31102 Game Design Studio 1

6ср

Requisite(s): [(31262 Introduction to Computer Game Design OR 31002 Introduction to Computer Game Design) AND 78 credit points of completed study in C10229 Bachelor of Science in Games Development)

Undergraduate

This subject teaches students how to design, develop and implement a game based on client specifications. Students examine the game mechanics for multiple indie and experimental games in developing their own game mechanics. A player-centric approach to design is used where new ideas are tested continuously with end users. Students work in teams taking on roles similar to those found in game development companies. They work independently under supervision and with guidance, but are ultimately responsible for the final project delivery and presentation.

31103 Game Design Studio 2

6ср

Requisite(s): 31102 Game Design Studio 1 AND 78 credit points of completed study in C10229 Bachelor of Science in Games Development

Undergraduate

This subject builds on the existing project produced in 31102 Game Design Studio 1. Students work in teams to polish the games and bring them up to commercial quality product standards. Alternatively, students can extend the games from the previous subject and implement them on a different platform. The intellectual property of the games developed belongs to the team and it is expected that some teams market their games after completion of the subject.

31104 Programming for Special Effects

6ср

Requisite(s): 31264 Introduction to Computer Graphics OR 31140 Introduction to Computer Graphics

Undergraduate

This subject examines the architecture and capabilities of modern graphics processing units (GPUs) with a focus on writing shaders to create special effects, such as fog, shadows, fire, water, clouds, lightning, motion blur and reflections that are seen in games and movies. Shader programming in general as well as different shader languages are discussed. Students learn to develop, test and tune shaders independent of the final application that might use them.

31136 Preparation for and Review of IT Experience

6cp; available only to students of the Diploma of IT Professional Practice $\,$

Undergraduate

This subject involves formal planning of and regular reporting on work experience undertaken in 31137 IT Experience 1. There is particular emphasis on the skills students hope to gain.

31137 IT Experience 1

Ocp; available only to students of the Diploma of IT Professional Practice

Undergraduate

To pass this subject and 31139 IT Experience 2 students must complete a total of nine months' full-time employment in suitable IT-related work.

31138 Review of IT Experience

6cp; available only to students of the Diploma in IT Professional Practice

Requisite(s): 31136 Preparation for and Review of IT Experience AND 31137 IT Experience 1

Undergraduate

This subject involves continued regular reporting and includes structured reflection on your work experience undertaken for 31139 IT Experience 2. Assessment includes a report and other deliverables submitted towards the end of your work experience.

31139 IT Experience 2

0cp; available only to students of the Diploma of IT Professional Practice

Requisite(s): 31136 Preparation for and Review of IT Experience AND 31137 IT Experience 1

Undergraduate

This subject is a continuation of 31137 IT Experience 1.

31241 3D Computer Animation

6ср

Requisite(s): 31264 Introduction to Computer Graphics OR 31140 Introduction to Computer Graphics

Recommended studies: basic knowledge of drawing and 2D digital image processing (basic Photoshop) is useful Undergraduate

This subject covers the major areas of 3D computer animation. It provides students with the opportunity to learn a major commercial 3D modelling, animation, and rendering package.

The subject also covers the principles and practice of pre-production planning, production management and post-production of an animation project. The subject is project-based, and each student develops an animation of their choice.

31242 Advanced Internet Programming

6cr

Requisite(s): (31284 Web Services Development OR 31470 Distributed Computing Architecture) AND (31244 Applications Programming OR 31469 Object-oriented Design OR 48024 Applications Programming)

Undergraduate

This subject provides students with knowledge of and skills in advanced Internet technologies particularly related to server-side Internet programming and business-to-business systems. It covers the topics of application servers, n-tier architectures, Internet technology standards, and description and lookup. The subject also approaches these technologies from a business perspective. In doing so it covers the theory and architectures for business-to-business systems and enterprise application integration.

31243 Analytics Capstone Project B

6ср

. Undergraduate

Data mining and knowledge discovery is the kernel of contemporary computer analytics and intelligence. The process consists of several iterative steps, including data pre-processing and transformation, the actual data mining and pattern discovery steps, and putting discovered information and knowledge into action. This subject is focused on the practical implementation of this process to large data sets from different areas of human endeavour. It provides students with exposure to real-world analytics scenarios, and with expertise and experience in the application of the data mining techniques and in professional communication of analytics results.

31245 Business Process and IT Strategy

6cp

Requisite(s): 31266 Introduction to Information Systems OR 31472 Introduction to Collaborative Systems OR 31484 Information Systems Foundations OR 31060 Information Systems Principles OR 31414 Information Systems

Undergraduate

A major concern of businesses is the search for competitive advantage, by forming partnerships such as outsourcing, mutual service provision and virtual organisations. For IT managers this raises a number of complex issues not easily understood and managed. Two ways of achieving competitive advantage and improved collaboration are through business process transformation (BPT) and strategic information planning (SIP) which lead to better alignment between information systems and business processes. In this subject, theories and methods of business process transformation and strategic information planning are presented, together with some of the problems that many organisations have encountered with these methods. Students learn and discuss business and strategy processes that lead to learning organisations that can achieve sustainable competitive advantage.

31246 Network Design

6ср

Requisite(s): 31277 Routing and Internetworks OR 31471 Networking 2

Recommended studies: a good understanding of networking technologies and protocols; some experience with router configuration and protocols

Undergraduate

Network design is still as much an art as a science. This subject formalises in a logical manner the step-by-step analysis and design process. Many designs also rely on extending an existing network for emerging requirements. Principles and issues associated with this approach to the network design problem are considered. Assignments take students through a set of cases that deal with real-world network analysis and design problems.

31247 Collaborative Business Processes

6ср

Requisite(s): 31266 Introduction to Information Systems OR 31472 Introduction to Collaborative Systems OR 31484 Information Systems Foundations OR 31060 Information Systems Principles OR 31414 Information Systems

Undergraduate

The subject describes ways to organise teams to create innovative business solutions by sharing knowledge between people and businesses. It describes how teams are organised to collaborate and share knowledge to quickly develop innovative solutions that address current and emergent issues in society and business. It introduces methods that can be used by agile teams to support the creativity, critical thinking and design that characterise innovation and ways to integrate these into everyday activities. It includes ways in which teams function in modern organisations, how businesses can change to support culturally diverse teams, and how systems can enable effective team operation, including decision making and conflict resolution. The subject outlines the collaborative support tools and social networking that allow teams to collaborate across distance and ways to adapt social networking for knowledge sharing and innovation.

31248 Computer Graphics Project

6ср

Undergraduate

This subject gives students experience in working independently on a small computer graphics project. It also gives students the responsibility for the development of the project from initial analysis to user documentation. The project may be in any area of computer graphics, and students gain a detailed knowledge of and experience in the project area.

31249 Computer Graphics Rendering Techniques

6cp

Requisite(s): 31264 Introduction to Computer Graphics OR 31140 Introduction to Computer Graphics

Recommended studies: C++ or Java, elementary two- and threedimensional graphics algorithms

Undergraduate

This subject covers the three major rendering techniques used for image synthesis in computer graphics: rasterisation algorithms, ray tracing and radiosity, with an emphasis on ray tracing. Topics covered include reflection models, ray-object intersections, recursive ray tracing, transparency and refraction, textures, anti-aliasing, shadows, acceleration techniques for ray tracing, triangle meshes, global illumination, and radiosity for diffuse environments.

31250 Introduction to Data Analytics

6cp

Requisite(s): 31271 Database Fundamentals OR 31061 Database Principles OR 31474 Database Fundamentals OR 31487 Database Management Systems

Recommended studies: knowledge of database technologies Undergraduate

Data mining is the art and science of turning large quantities of usually incomprehensive data into meaningful and commercially valuable information. It is the basis of modern computer analytics and intelligence. It includes a number of IT areas, such as statistical methods for identifying patterns in data and making inferences; database technologies for managing the data sets to be mined; a range of intelligent technologies that derive automatically patterns from data; and visualisation and other multimedia techniques that support human pattern discovery capabilities. This subject offers the foundations of data mining and knowledge discovery methods and their application to practical problems. It brings together the state-of-the-art research and practical techniques in data mining, providing students with the necessary knowledge and capacity to initiate and conduct data mining research and development projects, and professionally communicate with analytics experts.

31251 Data Structures and Algorithms

6ср

Requisite(s): 31244 Applications Programming OR 31469 Object-oriented Design OR 31488 Programming Foundations OR 31508 Programming Fundamentals OR 48024 Applications Programming Recommended studies: basic programming concepts: variables, loops and decisions; basic file manipulation in UNIX: directories and files, editing files, re-direction; basic understanding of the standard Von Neumann computer model: the fetch-execute cycle, single memory with byte addressing, input and output with disks, keyboard and screen; understanding of character sets and internal data representations, including ASCII, signed integers, floating point Undergraduate

This subject teaches students how to design, develop and evaluate data structures and algorithms to meet predefined quality characteristics of functionality (suitability) and usability (understandability, learnability, operability, compliance). Software solutions are implemented using C++. Concepts, theories and technologies underlying the methods and techniques are introduced and explained as required.

31252 Network Security

6cp

Requisite(s): 31277 Routing and Internetworks OR 31471 Networking 2

Recommended studies: a sound knowledge of computer networking Undergraduate

Network security is a major issue for enterprises, with breaches of security possibly being punished by legal sanctions, financial loss, or loss of customer confidence.

This subject consolidates the student's understanding of security by considering security principles from both a people management and a technical perspective.

Topics covered include security appliances such as firewalls, proxies, and Intrusion Detection Systems; security services such as confidentiality, integrity and authentication; and technologies such as IPSec, SSL, etc.

Students doing this subject are well placed to contribute to the security solution of a modern organisation.

31253 Database Programming

6cp

Requisite(s): 31271 Database Fundamentals OR 31061 Database Principles OR 31474 Database Fundamentals OR 31487 Database Management Systems

Recommended studies: it is assumed that students are familiar with basic database concepts; familiarity with the SQL language is mandatory and previous experience with at least one higher-level programming language is required Undergraduate

This subject teaches students how to design, develop and evaluate database programming and administration solutions to meet pre-defined quality characteristics of functionality (suitability, security), usability (operability), efficiency (time behaviour, resource utilisation), and maintainability (changeability, testability). Database programming and administration solutions are implemented using Oracle 10G, SQL*Plus and PL/SQL. Concepts, theories and technologies underlying the methods and techniques are introduced and explained as required. Students apply all that they have learnt to develop a small application to solve a database problem.

31254 e-Commerce

6cp

Recommended studies: basic internet skills and understanding of the business environment

Undergraduate

This subject develops students' awareness of e-commerce issues and their understanding of the stakeholders, their capabilities and their limitations in the strategic convergence of technology and business. Topics include business models for e-commerce, security, legal and ethical issues. Students develop skills in identifying the advantages and disadvantages of the various electronic payment options, and complete computer-based activities on internet commerce.

31255 Finance and IT

6ср

Requisite(s): 31266 Introduction to Information Systems OR 31472 Introduction to Collaborative Systems OR 31414 Information Systems OR 31060 Information Systems Principles Undergraduate

This subject provides skills in financial management that are essential to any IT professional working in business today. Students gain knowledge of financial principles and an understanding of reporting requirements which are necessary for the evaluation and design of auditable financial systems. In addition, students develop key competencies in the financial aspects of IT management and project management including budgeting, job costing, feasibility and risk analysis.

31256 Image Processing and Pattern Recognition

6cp

Requisite(s): 31251 Data Structures and Algorithms OR 31473 Data Structures and Procedural Programming

Undergraduate

Images and videos contain enormous amounts of information that can be extracted automatically by means of image processing and pattern recognition techniques. The extracted information is at the basis of many innovative applications such as video surveillance, diagnosis from medical images, automatic indexing and retrieval of multimedia data, human-computer interaction. This subject gives the students the ability to understand the principles of image processing and pattern recognition and develop software for the automatic analysis and interpretation of images and videos.

31257 Information System Development Methodologies

6cn

Requisite(s): 31269 Business Requirements Modelling OR 31475 Requirements Engineering OR 31488 Programming Foundations OR 31424 Systems Modelling

Recommended studies: knowledge of the software development lifecycle and systems modelling techniques

Undergraduate

Successfully designing and developing information systems is complex and difficult. A number of techniques and approaches have been developed but there are no 'silver bullet' solutions to the problems that plague IT development projects. This subject introduces students to a number of different methodologies and provides them

with the skills they need to identify their strengths and weaknesses in key areas. These issues are of critical importance to those wishing to successfully manage software projects.

31258 Innovations for Global Relationship Management

6ср

Requisite(s): 31266 Introduction to Information Systems OR 31472 Introduction to Collaborative Systems OR 31060 Information Systems Principles OR 31414 Information Systems OR 31485 Systems Development OR 31269 Business Requirements Modelling OR 31475 Requirements Engineering Undergraduate

The computing industry in Australia has passed through a number of stages and is entering a phase where its pivotal role is using computers to maintain relationships, knowledge management and innovation. This has lead to competitive advantage becoming the most important goal. This subject places local IT industries firmly within the local and global economic context. The topics covered include: an overview of the global IT industry, including its direction and structure; the value of IT in business; implications of e-commerce, customer relationship and knowledge management, user modelling, outsourcing, and off-shoring; and legal issues in the new economy for formalising those relationships. The subject also looks at ways of organising business information in organisations, with a focus on informal flows found in organisations. Relationships differ in the kind of work undertaken, process followed in team formation and management. This subject covers relationship building by having students using tools such as portals for maintaining customer loyalty and outsourcing collaborations.

31259 Intelligent Agents

6cr

Recommended studies: ability to program in a suitable language such as Java or C#

This subject introduces students to the concepts of agent computing, and applies those concepts in the context of intelligent internet-based systems. A selection of artificial intelligence techniques are reviewed and related to agents. Students gain sufficient knowledge to be able to take more specialised subjects in internet-based computing and artificial intelligence. By the end of this subject the students should be able to design and implement a simple intelligent agent.

Typical availability

Spring semester, City campus

31260 Interface Design

6cr

Requisite(s): 31244 Applications Programming OR 31469 Objectoriented Design OR 48024 Applications Programming

These requisites may not apply to students in certain courses. See access conditions.

Recommended studies: knowledge of object-oriented programming and basic web technologies

Undergraduate

This subject teaches students how to design, implement and evaluate user interfaces to meet predefined quality characteristics of functionality (suitability), usability (understandability, learnability, operability, compliance) and portability (adaptability). Concepts, theories and technologies underlying the methods and techniques are introduced and explained as required. Students apply all that they have learned to develop and implement a user interface for a business system.

31261 Internetworking Project

6ср

Undergraduate

This subject provides students with an opportunity to participate in a group project, designing and developing a substantial network or network application. Each project is supervised by a member of the academic staff.

31262 Introduction to Computer Game Design

6cp

Requisite(s): 31264c Introduction to Computer Graphics OR 31080 Digital Multimedia

Recommended studies: familiarity with computer graphics and experience with designing interactive systems

Undergraduate

Designing and building computer games is a challenging task. This subject focuses on the software technologies (such as graphics, networks, software design and artificial intelligence) used in computer games and covers basic interactive design, interface design, game design documentation and play mechanics through hands-on projects.

31263 Introduction to Computer Game Programming

6ср

Requisite(s): 31264 Introduction to Computer Graphics OR 31140 Introduction to Computer Graphics

Recommended studies: trace and debug complex programs using Visual Studio

Undergraduate

This subject covers game-specific programming techniques, algorithms, game testing, game logic, multimedia programming, networking and server design and optimisation of real-time 3D rendering. Students gain sufficient knowledge to extend existing computer game engines or build a basic game engine from scratch.

31264 Introduction to Computer Graphics

6ср

Requisite(s): 31244 Applications Programming OR 31080 Digital Multimedia OR 48024 Applications Programming

These requisites may not apply to students in certain courses. See access conditions.

Recommended studies: students must be competent programmers in a high level language such as C, C++, Java, or Visual Basic; some experience with an integrated development environment such as Visual C++ would be an advantage, but is not essential; knowledge of linear data structures is required Undergraduate

This subject provides a thorough introduction to the computer representation, manipulation and display of pictorial information. Topics covered include passive and interactive graphics; hardware devices and programming; mathematical tools for 2D and 3D graphics; 2D and 3D graphics algorithms; human-computer interaction;

rendering algorithms; and application areas of computer graphics.

31265 Communication for IT Professionals

6ср

Undergraduate

This subject focuses on developing the academic written and spoken language skills required for undergraduate study in information technology. Students take a critical and analytical approach to understanding and producing written and spoken texts appropriate for IT professionals in the Australian context. Accordingly, students undertake a range of listening, speaking, reading and writing activities and assigned work to maximise the development of their spoken communication and academic literacy.

First-year experience videos

View commentary from students and academics about this first-year subject at:

- Student video: www.youtube.com/user/utschannel#p/u/15/ lmUDRKL8Jwc
- Academic video: www.youtube.com/user/utschannel#p/u/25/ mLodWzUxL1M

31266 Introduction to Information Systems

6ср

Undergraduate

This subject introduces students to the type of information systems which form the foundation of conducting business in the 21st century. Key concepts include the nature of information systems, how information systems support an organisation's activities, the importance of stakeholders and users in information systems, systems development methodologies, collaborative work processes,

teamwork, and usability evaluation. During the semester students undertake a detailed investigation of an information system and how it supports the people and tasks of an organisation, and design the user interface for a simple information system.

31268 Web Systems

6cp

Undergraduate

In this subject, skills are developed to use the computer as a tool for information processing, and transfer over the internet. At the core of this activity is learning Unix, the operating system which supports the majority of web applications. After understanding the operating system as the steering mechanism, students investigate the underlying hardware which enables calculations, and learn protocols which enable communication across a network.

31269 Business Requirements Modelling

6cp

Requisite(s): 31266 Introduction to Information Systems OR 31060 Information Systems Principles OR 31472 Introduction to Collaborative Systems OR 31484 Information Systems Foundations OR 31414 Information Systems

These requisites may not apply to students in certain courses. See access conditions.

Undergraduate

This subject introduces information system concepts, including their static and dynamic components. It describes how these concepts can be used to model information systems to correctly capture their structure and needs. It outlines how the ability to capture information about the system in ways understood by its eventual users improves the final quality of the system. The subject introduces various analysis approaches found in contemporary system development, including object-oriented methods, entity-relationship modelling and describes the relationships between these techniques and their application.

31270 Networking Essentials

6cn

Recommended studies: some knowledge of computer networking is useful but not essential

Undergraduate

Computer networks are now business critical in all modern organisations and business enterprises. They are important in everyday life. This subject introduces students to the fundamental issues in modern data communications and computer networks. This is essential knowledge for all users of IT, IT professionals and those who wish to specialise in computer networking.

Students learn about the layered networking model and are introduced to networking devices and protocols. They learn how these are used in computer networks and in net-based application programs. The primary focus of this subject is Local Area Networks (LAN). Student practical work includes designing and building simple peer-to-peer networks and LANs that are connected to the Internet. The core set of protocols employed on the global Internet, TCP/IP, is studied.

31271 Database Fundamentals

6ср

Requisite(s): 31267 Programming Fundamentals OR 48023 Programming Fundamentals

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Recommended studies: it is assumed that students are familiar with basic system analysis concepts and have basic software skills Undergraduate

This subject introduces students to the fundamentals of effective database systems. Students are taught how data is structured and managed in an organisation in a way that can be used effectively by applications and users. They also learn to use the language SQL for effective data retrieval and modification. This subject teaches students to appreciate the significance and challenges of good database design and management, which underpin the development of functional software applications.

31272 Project Management and the Professional

6ср

Requisite(s): (31269 Business Requirements Modelling OR 31424 Systems Modelling) AND (78 credit points of completed study in 00000-99999 OR 54 credit points of completed study in C10229 Bachelor of Science in Games Development)) OR ((31476 Systems Development Project OR 31281 Systems Development Project) These requisites may not apply to students in certain courses. See access conditions.

Recommended studies: a general awareness of the systems management and development process, the nature of the IT industry and current social and political issues

Undergraduate

This subject covers managing the development and implementation of project solutions with particular emphasis on information systems project management and professionalism. It considers the roles of project and stakeholder management, particularly from the viewpoint of the practitioner as a member of a project team. There is a focus on both organisational and process issues together with the factors that impact quality outcomes associated with different phases of project development. It also considers the professional responsibility of IT workers and the impact of IT on organisations and society.

31274 Network Management

6cp

Requisite(s): 31277 Routing and Internetworks OR 31471 Networking 2

Recommended studies: reasonable familiarity with Windows 2000; some experience with router configuration and protocols Undergraduate

This subject explains the role of the network manager and the network management system. It discusses the components of network management, i.e. fault management, performance management, configuration management, security management and accounting management. The integration of the components into an enterprise management system is addressed. The lecture material is integrated with laboratory sessions throughout, which allows students to experience aspects of network management including the skills of using basic network management tools and application for network maintenance.

31275 Mobile Networking

6ср

Requisite(s): 31270 Networking Essentials OR 31467 Networking 1 OR 31486 Data Communications OR 31516 Networking Fundamentals OR 48720 Network Fundamentals Recommended studies: basic understanding of networking and telecommunication concepts Undergraduate

This subject covers the principles and applications of wireless and cellular telecommunication networks, and their integration with the internet. Various wireless network technologies (WiMAX, IEEE 802.11, Zigbee, Bluetooth) and cellular network technologies (GSM, UMTS, 4G) are introduced. The emphasis is on the concepts, infrastructure and protocols for supporting device/user mobility. The subject also introduces techniques for designing applications for mobile devices, and a mobile application design project at the end of the subject consolidates the learning the student has achieved.

31276 Networked Enterprise Architecture

6ср

Requisite(s): 31269 Business Requirements Modelling OR 31060 Information Systems Principles OR 31472 Introduction to Collaborative Systems OR 31484 Information Systems Foundations OR 31749 Internet Commerce OR 31475 Requirements Engineering OR 31424 Systems Modelling

Recommended studies: knowledge of procedures used to elicit and specify information systems

Undergraduate

Organisations in Australia and around the world are increasingly recognising that they do not operate in isolation and that competitive advantage depends on business networks. This subject introduces ways in which information systems can support business networking, focusing on sharing information and integrating business activities with business partners.

Topics include:

- contractual arrangements and planning
- the role of service and networking standards in the development of inter-organisational networks
- evolving business collaboration
- EDI and exchange of transaction data
- the establishment and management of supply chains.

Students learn how to elicit architectural requirements, develop specifications and design distributed application architectures to support networked business environments.

31277 Routing and Internetworks

6cp

Requisite(s): 31270 Networking Essentials OR 31467 Networking 1 OR 31486 Data Communications OR 48720 Network Fundamentals Recommended studies: open system interconnection (OSI); transmission control protocol/internet protocol (TCP/IP) and data network models; knowledge of networking terminology, data transmission media, data networking components and devices; internet protocol addressing and variable-length sub-nettinng mask (VLSM)

Undergraduate

This subject extends the work done in the prerequisite subject. Students who are not interested in networking as a career develop a clear model of how networks can impact network based applications. Students who are interested in a career in networking practice or research develop sound knowledge and skills to pursue a networking specialisation. Students learn the role of routing protocols and how to compare them; how to design construct and implement small to medium-sized intranets; and how to perform basic management and security tasks. The role of TCP/IP, ICMP and other protocols in IP networks are evaluated. Students also learn how Cisco routers are used for the practical work.

31280 Strategic IT Project

6cp

Requisite(s): 31272 Project Management and the Professional OR 31478 Project Management and Quality Assurance OR 31454 Project Management and the Professional

Recommended studies: systems design; requirements gathering; project planning; networking; report writing; presentations; working in teams

Undergraduate

This subject deals with issues involved in strategic level analysis and design in a corporate information systems environment. Through a major case study, it reinforces material previously studied, while giving groups of students scope to use their own judgment in applying their knowledge. It stresses the development and assessment of alternative approaches to a system strategy. Senior management and communication skills are also developed.

31281 Systems Development Project

12cp

Requisite(s): (31244 Applications Programming OR 31469 Object-oriented Design OR 48024 Applications Programming) AND (31061 Database Principles OR 31474 Database Fundamentals OR 31271 Database Fundamentals) AND (31269 Business Requirements Modelling OR 31472 Introduction to Collaborative Systems OR 31475 Requirements Engineering OR 31424 Systems Modelling) These requisites may not apply to students in certain courses. See access conditions.

Undergraduate

This subject teaches students how to design, develop and evaluate a software system meeting predefined quality characteristics of functionality (suitability, accuracy, security), usability (understandability, learnability, operability), and maintainability (analysability, changeability, stability, testability).

A case study approach is used to explore the design and development of a complex set of information systems services. The application domain is a commercial setting with a special focus on integration of new and legacy systems. The project is done in highly autonomous teams that, while supervised and directed, are ultimately responsible for the project and delivery of the expected outcomes.

31282 Systems Testing and Quality Management

6cp

Requisite(s): 31269 Business Requirements Modelling OR 31475 Requirements Engineering OR 31424 Systems Modelling Undergraduate

This subject provides students with the practical knowledge and skills that are necessary to effectively measure and control the quality of software products. It covers software quality assurance and management principles and practice together with systems and software testing approaches.

31283 WANs and Virtual LANs

6cr

Requisite(s): 31277 Routing and Internetworks OR 31471 Networking 2 Undergraduate

This subject extends the work covered in Networking Fundamentals and Routers, Routing Basics and Internetworking. VLANs (Virtual LANs) and WAN (Wide Area Network) protocols are studied. VLANs connecting to different WAN technologies are implemented. Practical work is on Cisco switches and routers within the UTS Cisco Academy. After completing this subject students should be prepared for sitting the industry certification CCNA (Cisco Certified Network Associate) exam.

31284 Web Services Development

6cp

Requisite(s): (31267 Programming Fundamentals OR 31465 Object-oriented Programming OR 48023 Programming Fundamentals) AND (31268 Web Systems OR 31466 Principles of Distributed Computing) Recommended studies: understanding of basic distributed computing concepts, an ability to create web pages, and good familiarity with the Java programming language Undergraduate

Web-based applications play an important role in contemporary commercial software development. This subject introduces concepts and technologies related to the development of modern web applications.

31285 Mobile Applications Development

6ср

Requisite(s): 31244 Applications Programming OR 31469 Objectoriented Design OR 48024 Applications Programming Recommended studies: basic programming experience is assumed Undergraduate

This subject covers theory and technologies for the development of distributed applications for mobile devices as well as introducing design principles for applications for small devices. It addresses android for mobile devices. The subject also provides a basis for understanding how different techniques can be used to develop distributed mobile applications.

31335 Extreme Programming

6ср

Requisite(s): (31473 Data Structures and Procedural Programming OR ((31488 Programming Foundations OR 31508 Programming Fundamentals) AND 31485 Systems Development) OR ((31244 Applications Programming OR 48024 Applications Programming) AND (31269 Business Requirements Modelling OR 31475 Requirements Engineering OR 31424 Systems Modelling))))
Recommended studies: the ability to program in a high-level object-oriented programming language such as Java, C# or Visual Basic .NET

Undergraduate

This subject introduces extreme programming practices and, in general, agile methodologies. It covers the topics of analysis, estimation, iteration planning, testing and pair programming within the extreme programming methodology. It also looks at how to introduce extreme programming into an organisation.

31338 Network Servers

6cp; availability: undergraduate degree students Requisite(s): (31268 Web Systems AND (31270 Networking Essentials OR 48720 Network Fundamentals)) Undergraduate

Through this subject students gain an understanding of the design principles and implementation issues for the deployment of network servers based on Windows and Linux operating systems. Techniques and skills for system administration are developed through a comprehensive sequence of laboratory activities in combination with mini-lectures and design tasks.

31482 Honours Project

12cp

Requisite(s): 32931 Technology Research Methods There are also course requisites for this subject. See access

Recommended studies: a thorough understanding of the thesis area and topic

Honours

The Honours Project is the second part of the honours program where students undertake a research proposal as developed in the first semester. This involves a substantial investigation under the supervision of a member of academic staff and is examined on the quality of the written report.

31489 Industry Study 1

6cp; availability: Bachelor of Information Technology students Requisite(s): 24 credit points of completed study in C10143 Bachelor of Information Technology

There are also course requisites for this subject. See access conditions.

Undergraduate

Students undertake an academic study of a particular issue in IT, using their experience in their first industry semester as a case study. Study topics are chosen in consultation with the mentor from: business benefits of IT, business processes; IS design methods; IS usability; and particular technologies used during industry experience.

Typical availability

Spring semester, City campus

31490 Industry Study 2

6cp; availability: Bachelor of Information Technology students Requisite(s): 92 credit points of completed study in C10143 Bachelor of Information Technology

There are also course requisites for this subject. See access conditions.

Undergraduate

Students undertake an academic study of a particular issue in IT, using their experience in their second industry semester as a case study. Study topics are chosen in consultation with the mentor from: business benefits of IT; business processes; IS design methods; IS usability; and particular technologies used during industry experience. A different topic is chosen from that undertaken by the student in 31489 Industry Study 1.

Typical availability

Autumn semester, City campus

31491 Industry Project 1

9cp; availability: Bachelor of Information Technology students Requisite(s): 24 credit points of completed study in C10143 Bachelor of Information Technology

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject is based on the student's first industry placement with a Bachelor of Information Technology sponsor. Subject components are preparation for industry experience with sponsor seminars, project work with the sponsor and a reflective report on personal and organisational aspects of the industry experience.

Typical availability

Spring semester, City campus

31492 Industry Project 2

9cp; availability: Bachelor of Information Technology students Requisite(s): 92 credit points of completed study in C10143 Bachelor of Information Technology

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject is based on the student's second industry placement with a Bachelor of Information Technology sponsor. Subject components are preparation for industry experience with sponsor seminars, project work with the sponsor and a reflective report on personal and organisational aspects of the industry experience.

Typical availability

Autumn semester, City campus

31675 Thesis (Computing Science)

Non

Undergraduate

Further information on this subject is available from the UTS: Information Technology research administration officer.

31676 Thesis (Analytics)

Оср

For subject description, contact UTS: Information Technology.

31735 Information Systems and Organisation Development

6ср

Requisite(s): (36 credit points of completed study OR ((31484 Information Systems Foundations OR 31266 Introduction to Information Systems OR 31414 Information Systems OR 31060 Information Systems Principles OR 31472 Introduction to Collaborative Systems)))

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject introduces theories dealing with the behaviour of people in organisations, the structure of organisations, the nature of technology and the relationships between these three areas. Systems thinking is used to bring these views together as a basis for organisation development in an environment changing through the influence of information systems.

31748 Programming on the Internet

6ср

Requisite(s): (31268 Web Systems AND (31267 Programming Fundamentals OR 31465 Object-oriented Programming OR 31488 Programming Foundations OR 31508 Programming Fundamentals OR 48023 Programming Fundamentals))

Recommended studies: basic knowledge of programming languages and Unix systems

Undergraduate

This subject introduces students to the specifics of the World Wide Web (WWW) and internet-based programming. The evolution of the internet and its technical foundation is studied as well as basic techniques for presenting data, text and pictures on the WWW. The client/server paradigm is explored in detail featuring website design and construction using HTML (hypertext markup language), CSS (cascading style sheets), PHP (hypertext preprocessor), MySQL (backend database), and JavaScript. This subject provides a sound basis for understanding how the WWW functions, how to construct websites and how to write software for the WWW using scripting techniques.

31777 Human-Computer Interaction

6ср

Requisite(s): 31269 Business Requirements Modelling OR 31475 Requirements Engineering OR 31476 Systems Development Project OR 31485 Systems Development OR 48440 Software Engineering Practice OR 31424 Systems Modelling

Recommended studies: two years full time study in IT or equivalent Undergraduate

This subject focuses on the design, evaluation and implementation of interactive computing systems for human use within actual situations. Students gain an understanding of human-computer interaction (HCI) principles, including the main concepts, tools and techniques available to build user-centred systems. The subject considers the effects on use of the different metaphors for human activity that designers use in their systems and how user-centred design and evaluation methods can improve the usability of computer systems.

31927 Application Development with .NET

6cr

Requisite(s): 31267 Programming Fundamentals OR 31488 Programming Foundations OR 31508 Programming Fundamentals OR 48023 Programming Fundamentals

Recommended studies: a good understanding of programming constructs, 0-0 concepts and programming practices Undergraduate

This subject introduces C#, Visual Studio and the .NET development environment. The emphasis is on examining the .NET framework and the practicalities of developing software in this setting using the C# language.

Typical availability

Spring semester, City campus

31950 Networked Enterprise Design

6ср

Requisite(s): 31060 Information Systems Principles OR 31472 Introduction to Collaborative Systems OR 31484 Information Systems Foundations OR 31749 Internet Commerce OR 31414 Information Systems OR 31266 Introduction to Information Systems Undergraduate

This subject describes the evolution of systems towards distributed business environments with an emphasis on processes that require people to work together over distance. It describes how people work together and the changes to work practices resulting from the distribution of such work. The subject covers collaboration technologies such as email, video-conferencing, co-authoring and work-flows needed to support distributed business processes. The subject emphasises the design process, describing how to choose and implement collaborative technologies based on systems such as the World Wide Web or Lotus Notes to provide business benefits.

32001 Mobile Commerce Technologies

6cp; availability: Internetworking program students only Recommended studies: basic internet knowledge Postgraduate

This subject introduces students to mobile commerce technologies and applications. It highlights the unique challenges associated with the arrival of mobile technologies in the m-enterprise.

32003 Computer Game Design

6cp; availability: MSc in Computing and Master of IT Recommended studies: familiarity with computer graphics and experience with designing interactive systems Postgraduate

Designing and building computer games is a challenging task. This subject focuses on the software technologies (such as graphics, networks, software design and artificial intelligence) used in computer games and covers basic interactive design, interface design, game design documentation and play mechanics through hands-on projects.

32004 Game Programming

6cp; availability: MSc in Computing and Master of IT Recommended studies: trace and debug complex programs using Visual Studio Postgraduate

This subject covers game-specific programming techniques, algorithms, game testing, game logic, multimedia programming, networking and server design and optimisation of real-time 3D rendering. Students gain sufficient knowledge to extend existing computer game engines or build a basic game engine from scratch.

32005 Strategic Leadership for Innovation

6cp; availability: for Graduate Certificate, Graduate Diploma and Masters in IT Management students only; other students may undertake the subject if they have demonstrated relevant IT management experience and have signed academic approval from the ITMP program leader

Postgraduate

This subject locates organisational leadership practices within a global business context dominated by a revolution in information and communication technology (ICT). Furthermore, it outlines various potential strategic inflection points facing contemporary Australian organisations and suggests leadership practices through which these can be anticipated and addressed effectively. In particular, it advocates strategic leadership practices that adopt innovation as a competitive strategy in response to the challenges of this era.

32007 Strategic Information Technology Investment

6cp; availability: for Graduate Certificate, Graduate Diploma and Masters in IT Management students only. Other students may undertake the subject if they have demonstrated relevant IT management experience and have signed academic approval from the ITMP

Recommended studies: some exposure to the management by projects approach and to strategic analysis and planning Postgraduate

In today's global knowledge economy, it is more critical then ever before that business and IT leaders collaborate to maximise the value of their organisation's human and other resources by making prudent investment decisions. This subject enhances students' conceptual understanding of best practice techniques for making strategic investment decisions, measuring their success, and feeding learning outcomes back into the decision-making process. This includes people, processes and systems. The role of cultural and political dynamics in the implementation of strategy is also covered.

Note(s)

Students who have completed 21789 Contemporary Management Practices from 2003 onwards may enrol in this subject as an elective.

32009 Advanced Routing Principles

6cp; availability: Internetworking program students only Requisite(s): 32524 LANS and Routing AND 32521c WANS and VLANS

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: material studied in CCNA 1-4; concepts of LANs, WANs and VLANs; basic configuration skills on Cisco routers and switches for LANs, WANs and VLANs
Postgraduate

This subject complements and extends the theory and practice learned in 32524 LANs and Routing and 32521 WANs and VLANs. It extends skills and knowledge in scalable interior and exterior routing protocols (OSPF, EIGRP, BGP), route optimisation and redistribution, NAT and network security. The subject is run in the UTS Cisco Systems Network Academy. Cisco routers are programmed as part of practical work. The subject is part of a sequence which will allow students to prepare for the CCNP industry certification.

32010 Wide Area Network Implementation

6cp; availability: Internetworking program students only Requisite(s): 32521 WANS and VLANS

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: knowledge of some routing protocols covered in 32009 Advanced Routing Principals; materials studied in CCNA

Postgraduate

This subject complements and extends the theory and practice learned in 32524 LANs and Routing and 32521 WANs and VLANs. It extends skills and knowledge in WAN issues for part-time and full-time connectivity. Frame relay, ISDN and POTS technologies are deployed. Emerging WAN technologies are introduced. The course is run in the UTS Cisco Systems Network Academy. Cisco routers are programmed as part of practical work. The subject is part of a sequence which will allow students to prepare for the CCNP industry certification.

32011 Multilayer Switched Networks

6cp; availability: Internetworking program students only Requisite(s): 32521 WANS and VLANS

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Recommended studies: knowledge of some routing protocols covered in 32009 Advanced Routing Principals is an advantage Postgraduate

This subject complements and extends the theory and practice learned by completing 32524 LANs and Routing and 32521 WANs and VLANs. This subject extends skills and knowledge in the design and implementation of switched campus networks using VLANs for performance, reliability and security. Inter VLAN routing methods are explored. Multicast protocols, including issues that arise with switched networks, are introduced. Practical work is done on Cisco Systems layer 2 and layer 3 switches. The course is run in the UTS Cisco Systems Network Academy. The subject is part of a sequence which will allow students to prepare for the CCNP industry certification.

32012 Internet Quality of Service (QoS)

6ср

Requisite(s): 32524 LANS and Routing

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: introductory level networking technologies including TCP/IP protocol suit, network protocols and applications; familiarity with Unix / Linux environment with shell scripts/socket programming; programming language such as Java/C/ C++ Postgraduate

This subject explores issues and proposed solutions for the provision of Quality of Service (QoS) on the internet. The internet is being slowly transformed from a best-effort delivery architecture to a services architecture on which networked business applications can be deployed with specified performance criteria. This subject provides students with a detailed and precise discussion on issues related with QoS, different mechanisms to achieve end-to-end QoS based on the internet engineering task force (IETF) proposed architectures and explores their limitations. This subject also teaches advanced skills required to optimise the QoS in converged networks that support voice, wireless and security applications.

32013 .NET Enterprise Development

6cr

Requisite(s): 32998 .NET Application Development AND 32606c Database

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject introduces students to the .NET architecture and the Visual Studio development environment. The emphasis is on examining the .Net framework and the practicalities of developing software in this setting. Particular attention is paid to web development, web services and distributed applications. The design of the framework and the support it provides for language development are also considered in depth. The fundamentals of a programming language is introduced as required.

Typical availability

Autumn semester, City campus

32019 Directed Study 1

6ср

Postgraduate

This subject is a small group subject that covers a specialist topic at an advanced level. The topic of an individual subject is chosen by the subject coordinator. There are no set lectures; instead, the students and the coordinator meet once a week to discuss the topic.

32020 Directed Study 2

6ср

Postgraduate

This subject is a small group subject that covers a specialist topic at an advanced level. The topic of an individual subject is chosen by the subject coordinator. There are no set lectures; instead, the students and the coordinator meet once a week to discuss the topic.

32021 Directed Study 3

6ср

Postgraduate

This subject is a small group subject that covers a specialist topic at an advanced level. The topic of an individual subject is chosen by the subject coordinator. There are no set lectures; instead, the students and the coordinator meet once a week to discuss the topic.

32022 Directed Study 4

6ср

Postgraduate

This subject is a small group subject that covers a specialist topic at an advanced level. The topic of an individual subject is chosen by the subject coordinator. There are no set lectures; instead, the students and the coordinator meet once a week to discuss the topic.

32027 Multimedia Systems Design

6ср

Recommended studies: basic programming skills Postgraduate

Digital multimedia is a combination of media (text, pictures, audio and video) that is represented digitally and hence can be treated as data by computer programs. The full potential of this fact is yet to be explored, but one facet of it – its interactivity – distinguishes digital multimedia from its predecessors.

Interactive multimedia systems are becoming increasingly widespread and have the potential to provide more complex and engaging experiences for users in many domains, including games, the arts and business. This subject introduces the fundamental principles of interactive multimedia and associated tools.

Typical availability

Spring semester, City campus

32029 Interactive Arts

6ср

Postgraduate

This subject explores principles and techniques of creating interactive works: textual, visual, aural and multimedia. It considers both the creativity process and the process of consumption. Of particular interest is the status of the active audience in art creation. Generative art, performance art and participative art are included, as are both narrative and abstract works. Available tools and techniques are emphasised.

32039 Recent Advances in Software Engineering

6ср

Postgraduate

This subject presents material at a high level by internationally recognised specialists. Topics are chosen from object technology, requirements engineering, systems integration, distributed databases, enterprise systems design and development, artificial intelligence, data mining, multiagent systems, high-performance computing, neural networks and machine learning, computer graphics and animation, and cognitive aspects of software design.

Typical availability

This subject is only offered in semesters when the faculty has a visiting academic in residence. Students interested in this subject are advised to consult with the head of the School of Software.

32040 Industry Project

6cp

Recommended studies: Project management, quality management, systems development

Postgraduate

This subject is designed to allow students to undertake short-term IT work experience by being involved in suitable group or individual projects. Most projects are in conjunction with UTS Shopfront clients, however, independent projects are possible. Each project is supervised by a member of academic staff. Availability is dependent on the supply of suitable projects and academic staff.

Typical availability

Summer session, City campus

32050 Programming with Patterns

6ср

Postgraduate

Patterns are fundamental to many aspects of intelligence. They are produced in pattern recognition systems for image processing and data mining, and are consumed by pattern-matchers to find useful information. Pattern calculus is a new foundation for computation in which patterns are central. It is realised in the programming language bondi (being developed at UTS) that supports a variety of programming styles, including query programming and object orientation. This subject introduces the theory and practice of programming with patterns to students already familiar with a number of programming styles.

32106 Agile Method Engineering

6cp; availability: students who have not met the academic requisite but have knowledge of basic object-oriented concepts and basic

UML notation may apply to enrol in this subject

Requisite(s): 32536 Advanced Software Modelling

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

Recommended studies: general computer science/information systems/software engineering

Postgraduate

This subject deals with the use of situational method engineering (SME) in the full life cycle of developing software, addressing both technical and management issues, and focusing on pre-coding issues. These techniques are also explored practically in a project-based systems development assignment. Lectures primarily discuss the third generation OO methodology, OPEN, as an example of SME. There is a software engineering focus throughout the subject, including discussion of project management, metrics and process maturity and SMM-I appropriate for a composite systems development environment.

32109 Troubleshooting Converged Networks

6ср

Requisite(s): 32009 Advanced Routing Principles AND 32011 Multilayer Switched Networks

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

In the subjects 32009 Advanced Routing Principles and 32011 Multilayer Switched Networks students have developed knowledge and skills for the design and implementation of a variety of complex internetworking scenarios. This subject consolidates approaches to network maintenance and troubleshooting internetworks that are under-performing or failing by applying sound problem-solving principles to a series of structured laboratory exercises and case studies. On completion of this subject, students are prepared for the troubleshooting (and final) paper of the industry accreditation CCNP (Cisco Certified Network Professional).

32113 Advanced Database

6ср

Requisite(s): 31487 Database Management Systems OR 31271 Database Fundamentals OR 31061 Database Principles OR 31474 Database Fundamentals OR 32606 Database

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: a clear understanding of basic database techniques including relational database technology Postgraduate

This subject reviews material on relational databases and covers advanced topics such as distributed databases. Data warehousing and mining techniques, implementation and management are covered in detail.

32118 Mobile Communications and Computing

6cn

Recommended studies: basic understanding of networking and telecommunication concepts

Postgraduate

This subject covers the development of the wireless network technology from cellular networks to IP wireless networks. The emphasis is on the concepts, infrastructure, and protocols for supporting device and user mobility. The subject also focuses on the development of a simple mobile application for small devices.

32120 Introduction to e-Business Technology

6cn

Postgraduate

This subject focuses on developing and maintaining e-business technology and environment. It looks at e-business architectures through the latest technologies in networking communications, business models and e-business management principals. It also examines various important issues, such as e-business applications, contents, telecommunication technologies and internetworking security. Finally, it examines the future trend of the e-business in relation to technological advancement and consumer demand.

32130 Fundamentals of Data Analytics

6ср

Requisite(s): 32113 Advanced Database

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

Data mining is the art and science of teasing meaningful information and patterns out of large quantities of data. It combines statistical methods for identifying patterns in data and making inferences with a number of IT technologies, including database technologies for handling massive volumes of data, intelligent and smart systems technologies, visualisation and other multimedia techniques that appeal to human pattern discovery capabilities. The subject offers broad background to data mining methods and their application in practice. It brings together the state-of-the-art research and practice in related areas and provides students with the necessary knowledge and capacity to initiate and lead data mining projects that can turn company data into commercially valuable information.

32131 Data Mining and Visualisation

6ср

Requisite(s): 32130 Fundamentals of Data Analytics These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

Modern businesses (including e-commerce and e-business systems) integrate data mining technologies to discover new information and knowledge about products they offer, customers they serve and the relations between them. Data mining incorporates a number of IT technologies for data analysis and visualisation. This subject offers broad coverage of the application of data mining technologies to modern enterprises.

Note(s)

This subject is not currently available to students for enrolment.

32133 e-Market Trading Technology

6cp; availability: Honours and postgraduate degree students Recommended studies: ability to program in Java, and to work comfortably with Java documentation Postgraduate

This subject covers the following topics: electronic markets and their role in electronic business; electronic trading and its role in electronic markets; economic mechanisms for trading and bargaining in markets and exchanges; an examination of the mechanisms being used in various existing commercial electronic markets; the significance of strategies, equilibria and efficiency to the design of automated trading systems; and the design, construction and deployment of smart trading systems for electronic markets. This subject reinforces the students' Java programming skills.

32144 Technology Research Preparation

6ср

Postgraduate

This subject provides postgraduate technology students with academic language skills appropriate to their course. The subject begins with the techniques necessary to develop a literature review. Professional ethics is then taught, especially in the research context. Next, the class breaks into two streams. Those undertaking research degrees take the research stream and produce a literature review within a skeleton of their dissertation. Those undertaking coursework degrees take the professional stream and produce a complete project proposal, suitable for implementation in 32933 Research Project.

Typical availability

Autumn semester, City campus

32145 Commercial Environment of IT

6ср

Postgraduate

This subject places local IT industries within the local and global economic context. Topics covered include the history, direction and structure of the global TT industry; typical IT activities such as marketing, support, hardware and software production; various organisation models for IT supply, such as in-house development, contracting and outsourcing; legal and ethical issues; the local economy in the global environment; and local IT opportunities. Local economies covered are Australian and two or three other economies that may be of interest to the majority of students.

Note(s)

This subject is not currently available to students for enrolment.

32146 Data Visualisation and Visual Analytics

6cp

Requisite(s): 32130 Fundamentals of Data Analytics These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject covers the core data and information visualisation technologies that support data mining, and knowledge management and navigation through various visual metaphors. Students examine visualisation systems, tools, techniques and visual metaphors and learn how to evaluate the different visualisation approaches. Students also explore data mining applications that rely on visualisation and learn how to develop new and innovative visualisations to support information exploration, decision-making, communication and information sharing in a variety of domains.

Note(s)

This subject is not currently available to students for enrolment.

32147 Introduction to IT Management

6ср

Postgraduate

This subject provides an introduction to management with an emphasis on information technology (IT) management. The subject covers various management theories of organisations and how these may apply to IT management. Contemporary issues and management topics specific to information technology are also considered.

Note(s)

This subject is not currently available to students for enrolment.

32148 Enterprise Computing

6ср

Recommended studies: basic understanding of internet standards and technologies including HTML, XML, HTTP, and Java; understanding of fundamental database concepts and techniques, including SQL; experience with systems development gained through work experience or university projects

Postgraduate

Computing professionals are facing new challenges as a result of increasing complexity in the enterprise computing environment and fast-evolving technologies. This subject focuses on standards, architectures and technologies used in enterprise computing. Topics include component frameworks, service-oriented architectures, web services, data integration and XML techniques.

32208 Information Systems Strategy

6cn

Recommended studies: basic understanding of information systems and technologies and their use in business

Postgraduate

IT strategy is a key concern for both IT managers and managers of other business functions within enterprises. Through a brief presentation of key issues, case studies and presentations of students' own experiences, this subject deals with the development, evaluation and impact of information systems in organisations; choices that, together, form part of IT and IS strategy.

32209 Advanced Topics in Computer Networks

6cn

Recommended studies: A basic knowledge of statistics and/or experience in programming in C, C++ or Java Postgraduate

This subject allows students to study several major advanced topics in networking in depth in an informal, small group situation. Learning is based around a series of readings, where a set of readings is discussed each week by the students and the subject coordinator.

32210 Computer Vision and Image Processing

6ср

Recommended studies: Experience in developing programs in the C programming language

Postgraduate

Computer vision is a widespread discipline playing a relevant role in fields such as multimedia, robotics, automated industrial inspection, visual surveillance and medicine. This subject aims to give students the ability to understand how a computer can emulate vision functions. It also enables students to design and implement computer vision and image processing applications.

Note(s)

This subject is not currently available to students for enrolment.

32309 Digital Forensics

6ср

Requisite(s): 32548 Network Security

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: an understanding of the principles and objectives of network security and of the fundamentals of network security technologies; CCNA-level networking concepts and skills, in particular packet analysis skills

Postgraduate

This is a practice-based subject, using material based on the textbooks. Learning is laboratory-based. The emphasis is on digital forensics applications, in particular:

- forensic analysis of a digital storage device where evidence is recovered to support or oppose a hypothesis before a criminal court
- eDiscovery (a form of discovery related to civil litigation)
- intrusion investigation into the nature and extent of an unauthorised network intrusion.

32310 Network Security Appliances

6cp; availability: Internetworking program students only Requisite(s): 32548 Network Security

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: understanding of the principles and objectives of network security and of the fundamentals of network security technologies; CCNA-level networking concepts and skills, in particular CCNA-level routing and switching skills

Postgraduate

This is a practice-based subject, using material based on the Cisco Network Security course. Learning is laboratory-based. The emphasis is on network security appliances, in particular:

- security technologies, products and solutions
- firewall and secure router design, installation, configuration and maintenance
- AAA implementation using routers and firewalls
- VPN implementation using routers and firewalls.

32405 User-Centred Design Methods

6cp

Postgraduate

There are now a range of design methods that claim to be 'user-centred'. This subject identifies the major methods, defines their similarities and differences, and explores their theoretical backgrounds and commitments. It develops student expertise in the application and use of soft systems methodology, participatory and contextual design methods, action research and ethnographic studies of work practice and technology use. Students also extend their understanding of the development and use of user scenarios, personas, and other representations of work and users in the technology design process.

Note(s)

This subject is not currently available to students for enrolment.

32501 Computer Graphics

6cp

Recommended studies: students must be competent programmers in a high level language such as C, C++, Java, or Visual Basic; some experience with an integrated development environment (IDE) such as Visual C++ is an advantage, but is not essential; knowledge of linear data structures is required

Postgraduate

This subject provides a thorough introduction to the computer representation, manipulation and display of pictorial information. Topics covered include passive and interactive graphics; hardware devices and programming; mathematical tools for 2D and 3D graphics; 2D and 3D graphics algorithms; human–computer interaction; rendering algorithms; and application areas of computer graphics.

32509 Interaction Design

6cp; availability: Honours and postgraduate degree students Recommended studies: students should have at least two years ITrelated work experience

Postgraduate

Interaction Design (ID) is defined as designing interactive products to support people in their everyday and working lives. This entails creating user experiences that enhance and extend the way people work, communicate and interact. ID extends the focus of Human-Computer Interaction (HCI) beyond designing computer systems for a single user sitting in front of a single machine. One of the central challenges is to keep abreast of technological development, to understand the usability issues associated with these and to use this understanding to ensure that technology is harnessed for maximum human benefit. This subject focuses on user-centred approaches to, and methods for, technology design. It provides students with an understanding of the principles of Interaction Design as well as concepts, tools and techniques that can assist in the creation of both useful and usable technology that supports users' activities. The subject introduces both the social and the technological aspects of Interaction Design as well as usability design and evaluation methods.

32510 Principles of Object-oriented Programming in C++

6cp; availability: Honours and postgraduate degree students Requisite(s): 32106 Agile Method Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

Topics in this subject include: review of object-oriented design principles and practice; and objects, classes, run-time instantiation, inheritance, information hiding, polymorphism and libraries, and their implementation in ANSI C++.

32513 Advanced Data Mining Algorithms

6ср

Requisite(s): 32130 Fundamentals of Data Analytics These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Postgraduate

Data mining (DM) is an exciting new field combining databases, artificial intelligence, machine learning and visualisation, among others. It is applied in many fields of business, industry and science to support knowledge discovery and understanding of customers, products and processes.

Central to DM are the algorithms themselves. This subject builds on previous DM subjects to give an understanding of how both the basic and more powerful and subtle algorithms function.

32516 Internet Programming

6cp; 1.5hpw (lecture), 1.5hpw (laboratory)

Recommended studies: basic knowledge of programming languages and Unix systems

Elective subject that is available for all postgraduate course work students

Postgraduate

This subject introduces students to the specifics of the World Wide Web (WWW) and internet-based programming. The evolution of the internet and its technical foundation is studied as well as basic techniques for presenting data, text and pictures on the WWW. The client/server paradigm is explored in detail featuring website design and construction using HTML (Hypertext Markup Language), CSS (Cascading Style Sheets), PHP (Hypertext Pre-processor), MySQL (back-end database) and Java techniques,. This subject provides a sound basis for understanding how the WWW functions, how to construct websites and how to write software for the WWW using scripting techniques.

32520 UNIX Systems Administration

6cp; availability: Internetworking program students only Requisite(s): 32547 UNIX Systems Programming Recommended studies: students must be competent users of the UNIX operating system before commencing this subject Postgraduate

Students learn about basic UNIX systems administration, including: registering users; file systems; networking; and performance management. Students should be competent users of UNIX. There is a laboratory component to the subject.

32521 WANS and VLANS

6ср

Requisite(s): 32524 LANS and Routing, and with a minimum mark of 50% OR 31277 Routing and Internetworks OR 31471 Networking 2 These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

conditions. Postgraduate

This subject extends the work covered in 32524 LANs and Routings. WAN and LAN design is introduced. Use of the UTS Cisco Academy resources are used for practical work. After completing this subject students may sit for the industry certification CCNA (Cisco Certified Network Associate).

Note(s)

This subject was formerly called 32521 Internetworking.

32523 Operating Systems for Network Security

6cn

Requisite(s): 32547 UNIX Systems Programming

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: basic programming and computer architecture concepts, scripting, data structures, TCP /IP, routing Postgraduate

This subject reviews the principles of operating systems and Network Appliance Architectures currently used in internetworking, such as UNIX, current MS 200x releases, and Cisco IOS for routers. It examines how to harden an OS against attack. It also covers threats to network appliances and hosts, especially OS vulnerabilities, e.g. buffer overflows, but also considers bugs, application vulnerabilities and network protocol weaknesses, and counters to these threats through improved OS or hardware designs, or through processes such as patching.

32524 LANS and Routing

6cp; availability: Internetworking program students only Recommended studies: competency in the use of PCs, fundamental knowledge of the working principles of a computer, basic understanding of computer networking and the internet Postgraduate

This subject provides students with knowledge of LAN hardware and physical layer standards, and basic computer networking concepts and principles, and introduces local area network (LAN) design and the use of routers and routing in autonomous system intranets. It also explains how these access WANS. Use of the Cisco Academies online resources and practical work in wiring and configuring LANs, including Cisco routers, is an integral part of this subject.

32525 Web Services Technologies and Applications

6ср

Requisite(s): 32516 Internet Programming

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: good understanding of Java fundamentals and have a basic understanding of networking concepts Postgraduate

This subject introduces students to contemporary service-oriented technologies available for building distributed applications. It introduces distributed computing programming techniques such as sockets and XML web services and discusses further advanced topics in this field.

32527 Internetwork Design

6ср

Requisite(s): 32524 LANS and Routing

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: a good understanding of networking technologies and protocols; some experience with router configuration and protocols

Postgraduate

This subject combines the principles studied in 32524 LANs and Routing and 32521 WANs and VLANs and extends them. These are then applied to the design of internetworks.

32528 Network Management

6ср

Requisite(s): 32524 LANS and Routing

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: reasonable familiarity with Windows 2000, and some experience with router configuration and protocols Postgraduate

This subject explains the role of the network manager and the network management system. It discusses the components of network management, i.e. fault management, performance management, configuration management, security management and accounting management. The integration of the components into an enterprise management system is addressed. The lecture material is integrated with laboratory sessions throughout, which allow students to experience aspects of network management.

32530 Building Intelligent Agents

6cp

Recommended studies: ability to program in a suitable language such as Java or C#

Postgraduate

This subject introduces students to the concepts of agent computing, and applies those concepts in the context of intelligent internet-based systems. A selection of artificial intelligence techniques are reviewed and related to agents. Students gain sufficient knowledge to be able to take more specialised subjects in internet-based computing and artificial intelligence. By the end of this subject the students should be able to design and implement a simple intelligent agent.

32531 Global Information Systems

6ср

Recommended studies: a general awareness of computers, the internet and modern business issues (particularly globalisation) Postgraduate

This subject covers new requirements placed on information systems arising out of the globalisation of business operations. It covers new ways of doing business in global environments, including formation of alliances and joint ventures, and ways that information systems must be developed to support them. The interaction of technical issues and social issues, including culture, is studied.

32535 Database in Distributed Environments

6cp

Recommended studies: it is assumed that students are familiar with basic database and network concepts and have a working knowledge of SQL together with some knowledge of programming concepts Postgraduate

This subject covers a range of topics in distributed databases. The main topics include: discussion of distributed database design; distributed transactions and queries; and data replication strategies. Modern database server techniques are introduced.

32536 Advanced Software Modelling

6ср

Recommended studies: general computer science/information systems/software engineering

Postgraduate

This subject looks at the basic principles of modelling in software engineering. Various modelling languages and notations are used and explained:

- UML (metamodel and notation) including classes, objects, interfaces, relationships and use cases; more advanced modelling (roles, responsibilities and stereotyping); and the use of UML in practice
- BPMN including business process diagrams (an alternative to activity diagrams); the use of modelling with emerging technologies such as cloud computing and mobile computing is also a focus.

32541 Project Management

6ср

Recommended studies: an understanding of IT projects and an awareness of the IT industry

Postgraduate

This subject covers the management of the development and implementation of information technology solutions, with particular emphasis on information systems, project management, and contemporary issues in the delivery of information technology solutions to the business. It considers the role of project management in business and identifies the managerial control and reporting aspects necessary from inception to implementation of a software development project.

32543 3D Animation

6cp; availability: Honours and postgraduate degree students Recommended studies: some basic computer graphics knowledge is useful; drawing; 2D digital image processing such as basic Photoshop

Postgraduate

This subject covers the major areas of 3D computer animation. It provides students with the opportunity to learn a major commercial 3D modelling, animation and rendering package. It also covers the principles and practice of pre-production planning, production management, and post-production of an animation project. The subject is project-based, and each student develops an animation of their choice.

32544 Advanced Image Synthesis Techniques

6cr

Recommended studies: students must be competent programmers in C++ or, and have experience at implementing elementary two and three dimensional graphics algorithms

Postgraduate

This subject covers the three major rendering techniques used for image synthesis in computer graphics: rasterisation algorithms, ray tracing, and radiosity, with an emphasis on ray tracing. Topics covered include reflection models, ray-object intersections, recursive ray tracing, transparency and refraction, textures, antialiasing, shadows, acceleration techniques for ray tracing, triangle meshes, global illumination, and radiosity for diffuse environments.

32547 UNIX Systems Programming

6cr

Recommended studies: competent UNIX computer user with some programming experience

Postgraduate

This subject allows students to develop their Perl and UNIX knowledge and skills appropriate for professional practice in a UNIX environment. The subject also exposes students to other high level 'scripting' utilities. This is of general benefit and is not covered elsewhere in the course.

32548 Network Security

6cr

Requisite(s): 32524 LANS and Routing

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: a sound knowledge of computer networking Postgraduate

This subject consolidates the student's understanding of network security by considering security principles, methodologies and technologies from a technical and management perspective. Issues such as policy-based networking, directory services, IPsec, and basic methodologies such as firewalls, proxies, encryption and authentication are dealt with.

32549 Advanced Internet Programming

6ср

Requisite(s): 32516 Internet Programming

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Recommended studies: basic understanding of HTML/CSS, intermediate Java programming skills

Postgraduate

This subject complements and extends 32516 Internet Programming. It focuses on server side issues and the construction of medium-to large-scale web-based business-to-consumer (B2C) and business-to-business (B2B) applications using Java Enterprise Technology. In this subject, application servers, integration of data from multiple sources, transactions, and delivery of resultant data as XML or WAP to multiple client mechanisms are dealt with. Topics include Java Server Pages (JSP), servlets, Java Data Base Connectivity (JDBC), Java Naming and Directory Interface (JNDI) and Enterprise Java Beans (EJB). Consideration is also given to dealing with legacy systems. RMI and CORBA are discussed.

32550 Advances in Requirements Engineering

6cp

Recommended studies: a good understanding of software development process

Postgraduate

Requirements engineering is a multi-disciplinary, human-centred and communication-rich activity of software and systems development. This subject introduces the foundations of requirements engineering research and practice. The range of advanced techniques, methods and tools that support activities making up the requirements engineering process is also studied.

Note(s)

This subject is not currently available to students for enrolment.

32552 IP Telephony and Voice over IP

6cp; availability: Internetworking program students only Requisite(s): 32521 WANS and VLANS

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

Telephony based around the internet protocol (IP) is a significant issue for modern businesses as well as to traditional voice service providers. This subject provides an introduction to converged voice and data networks as well as to the challenges faced by its various technologies. Practical work allows students to learn about connecting telephone users via the Public Switched Telephone Network (PSTN) using a router, so bypassing traditional PBX devices. Practical work also includes the connecting of IP phones directly across WAN or LAN data links using Voice over IP (VoIP). Cisco Call Manager Express is used in laboratory work. VoIP Quality of Service (QoS) issues and techniques are discussed and implemented. It is assumed students have knowledge of the IP, router configuration and routing protocols.

32553 Leadership and People Management

6cp; availability: Graduate Certificate, Graduate Diploma and Master of Business in IT Management students only; other students may undertake the subject if they have demonstrated relevant IT management experience and have signed academic approval from the ITMP program leader

Postgraduate

This subject explores the phenomenon of organisational leadership within a global knowledge economy dominated by a revolution in information and communication technology (ICT). Its focus is on the leadership practices that generate the intangible capital resources (ICRs) required for success in this knowledge economy; in particular those practices that build a social environment characterised by strong relationships and committed, focused endeavour. In the development and leveraging of these ICRs, and the relationships that generate them, critical practices around the management of power are identified and explored. Furthermore, the subject attempts to develop in students appropriate theoretical and conceptual frames of reference and knowledge bases for the mastery of such practices.

Typical availability

Spring semester, City campus

32555 Fundamentals of Software Development

6ср

Postgraduate

In this subject students are introduced to a range of object-oriented systems development methodologies used throughout the software development process, from specifications to code generation and testing. Through the use of a case study and work in project teams, the subject aims to develop students': teamwork skills; ability to develop user specifications; ability to design systems that meet the specifications; and ability to demonstrate that the objectives of the system are met. Topics such as systems requirements determination, system design, object-oriented design and systems testing are covered. The subject also includes a brief introduction to programming.

Typical availability

Autumn semester, City campus Spring semester, City campus

32557 Enabling Enterprise Information Systems

6ср

Postgraduate

This subject introduces students to the uses of information systems in generating business value for organisations. It deals with the different types of enterprise information requirements, techniques of IS development to accommodate those requirements and managing the ongoing information needs of the enterprise. The emphasis is on requirements gathering, analysis and design activities including working in design teams.

32558 Business Intelligence

6cp

Recommended studies: general knowledge of business organisations and uses of IT and the internet

Postgraduate

This subject deals with information systems as part of business organisations. It addresses the processes of generation, dissemination, retention, application and distribution of corporate information and knowledge re-use. The subject also includes key aspects of information systems development approaches and ways of designing systems that provide business intelligence to enterprises. A range of issues in business organisations with regard to knowledge management is covered. The techniques are explored practically in project-based assignments.

32559 Business Process Design

6cr

Recommended studies: some knowledge of conceptual modelling techniques are an advantage

Postgraduate

This subject describes different kinds of business processes now found in the increasingly networked business environment and covers ways to design such processes. Process design is seen as designing the way that business is carried out. The subject focuses on process design as closely related to the design of business systems and considers design from a number of business perspectives especially the business activity, process workflow, social and knowledge perspectives.

The subject covers the methodologies now increasingly used to define process requirements in terms of these perspectives, distinguishing between the well defined organisation-driven methodologies to those that are predominantly user-driven. The subject then describes choosing technologies to meet the process requirements. The subject also emphasises ways of integrating different process activities into organisation-wide systems and interorganisational systems.

32560 IS Architecture - A Cloud Perspective

6ср

Postgraduate

This subject focuses on contemporary organisational environments and describes ways to align information system needs to these requirements by facilitating Cloud Computing. It focuses on trends to distributed systems and the need to maintain agility and innovation within competitive environments combining social and knowledge resources using Cloud Computing and related information technologies. Architectures for combining Cloud Computing into integrated information systems that provide cloud computing services to support business operations are studied intensively in this subject. Different kinds of Cloud Computing and related technologies are identified, including those for information exchange and sharing, developing personal relationships and knowledge sharing.

32561 Managing Organisational Change

6cp; availability: Graduate Certificate, Graduate Diploma and Master of Business in IT Management students only; other students may undertake the subject if they have demonstrated relevant IT management experience and have signed academic approval from the ITMP program leader.

Postgraduate

This subject explores a set of fundamental concepts and models relating to change management in the evolving knowledge economy. Central themes include an understanding of core organisational process and structure, and the ways in which people and technology leaders can drive strategic change. The subject presents dilemmas in, and approaches to implementing change in real companies through a set of case studies. Through a collaborative process involving participants, academics and industry experts, students enhance their conceptual understanding of organisational change, and apply this

emergent understanding to their workplace practices through the completion of a work-based change management project. This subject challenges students for higher management roles.

32562 Strategic Business Management

6cp; availability: Graduate Certificate, Graduate Diploma and Master of Business in IT Management students only; other students may undertake the subject if they have demonstrated relevant IT management experience and have signed academic approval from the ITMP program leader

Recommended studies: as required for admission to the IT Management program

Postgraduate

Focused on creating sustainable value, strategic management practice is fundamental to the survival and growth of an organisation. It is not only the core concern of the organisation's executive leadership team, but also requires coherent execution by all members of the organisation. This subject examines the theories and practices of strategic business management. It explores emerging theories and frameworks that interlink strategy, innovation and leadership to achieve sustainable competitive advantage and organisational growth in the face of continuous environmental change.

32563 IT Professional and Society

6cp

Postgraduate

This subject covers the body of ideas and commonly held principles that apply to professional standards and ethical behaviour in the information technology industry. The intent is to expose students to standards of professional behaviour and legal responsibility through case studies and current media-related articles featuring potential ethical and/or legal situations/dilemmas. It considers the history of information technology, the impact of information technology on society, the IT profession's codes of ethics and codes of conduct and the legal requirements pertaining to the information technology industry.

32567 Business Intelligence for Decision Support

6ср

Recommended studies: it is assumed that students are familiar with basic information system concepts and have basic software, database and mathematical skills

Postgraduate

Business intelligence is an umbrella term that combines architectures, tools, databases, analytical tools, applications and methodologies. The major objectives of business intelligence is to enable interactive access to data and to give business managers the ability to conduct analysis and make better decisions.

Decision support systems are computer-based information systems that combine models/methods and data in an attempt to solve semi/non-structured decision problems with extensive user involvement through a friendly user interface. Business high-level decisions are often semi/non-structured and require an increased level of intelligent and technical support, in particular, when they become rich in data. Decision support systems can be integrated with variable business intelligence techniques to support related decision problem solving.

This subject introduces business intelligence, decision support systems, group decision support, intelligent decision support, web-based support systems, decision optimisation technologies, personalised recommender systems. The subject also covers how to design, implement and integrate business intelligence techniques with methods to support business decision-making.

32568 Business Intelligence Modelling and Analysis

6ср

Recommended studies: it is assumed that students are familiar with basic system analysis concepts and have basic software, database and mathematics skills

Postgraduate

This subject introduces how multi-data sources are used in the development of strategic direction for businesses. It teaches students how to successfully utilise the information contained in such data and to appropriately extract intelligence from the data to support decision-making through conducting modelling and analysis. It also presents the required business intelligence tools and techniques including statistically based methodologies.

32569 Enterprise Business Requirements

6cp

Recommended studies: basic principles of software engineering and adequate knowledge of software development processes; elementary ability to conduct a critical review and analysis of scholarly research literature

Postgraduate

Requirements engineering (also known in industry as business requirements analysis or requirements management) is a multidisciplinary, human-centred and communication-rich activity of software and systems development. This subject first introduces the foundations of requirements engineering (RE). It then covers the range of advanced techniques, methods and tools that support all the activities that make up the requirements engineering process.

32570 Enterprise Software Architecture and Middleware

4cn

Postgraduate

This subject teaches enterprise software architecture in the context of enterprise architecture; its relationship to other architectures and organisational objectives. As far as possible, this subject deals with current problems being faced by organisations trying to align disparate software architectures to better support their organisational objectives.

This subject is intended for:

- senior and experienced software architects who must solve software architecture problems
- software architects planning a strategy to update and align legacy systems as well as old and new technology platforms with organisational objectives
- software architects who must identify and evaluate which of many competing projects contribute most to organisational objectives.

Typical availability

Spring semester, City campus

32571 Enterprise Software Testing

6ср

Postgraduate

This subject teaches how to plan, specify, execute and manage testing of enterprise software systems. Students are introduced to a variety of strategies and situations that may require those strategies to ensure that the complex problem of testing large, complex enterprise software systems is accomplished in the best possible way given the circumstances. Case studies are used to illustrate many of the concepts. Class discussions and assignments exercise many of the skills taught.

This subject is intended for the senior and experienced software developer who must solve enterprise software testing problems.

32572 Reflective Practice in Information Technology

6ср

Requisite(s): 32144 Technology Research Preparation
These requisites may not apply to students in certain courses.
There are also course requisites for this subject. See access conditions

In this subject students acquire understanding, knowledge and skills which develop and enhance their IT professionalism. Students are actively involved in choosing areas of study which are relevant to their own interests and professional future.

Links are made between the theory and practice of research, collaboration, reflection and self-directed learning. Students are introduced to a range of approaches used in IT research, with an emphasis on those commonly used in professional contexts. Students engage in activities aimed at enhancing their understandings of key attributes of professional practice including a self-directed learning contract, professional report writing, researching, team presenting, peer assessment and a reflective portfolio.

32601 Advanced Project Management

6cp; availability: for Graduate Certificate, Graduate Diploma and Masters in IT Management students only. Other students may undertake the subject if they have demonstrated relevant IT management experience and have signed academic approval from the ITMP

Recommended studies: an understanding of how an IT department operates and familiarity with the management of IT within an organisation, i.e. a minimum of three years experience working in an IT department

Postgraduate

This subject covers advanced topics in project management with emphasis on contemporary issues in the delivery of IT solutions to the business. It considers human and organisational aspects of project management, the importance of project governance, the changing nature of project management and the role of the project manager in the global business environment.

32603 Systems Quality Management

6ср

Postgraduate

This subject provides students with the practical knowledge and skills necessary to manage the software development process required for developing quality software products. It also provides an essential understanding of software quality management and process improvement techniques and covers current areas of research in the software quality area.

32606 Database

6cp

Recommended studies: it is assumed that students are familiar with basic system analysis concepts and have basic software skills Postgraduate

This subject introduces the basic database design and implementation concepts and presents database design techniques including relational design and E-R modelling. It discusses the implementation of relational database and describes database query techniques using the Structured Query Language (SQL).

32702 Contemporary Telecommunications

6cp; availability: Graduate Certificate, Graduate Diploma and Masters in IT Management and Internetworking program students only. Other students may undertake the subject if they have demonstrated relevant IT management experience and have signed academic

Recommended studies: open system interconnection (OSI) layers; basic understanding of networking and telecommunication concepts Postgraduate

This subject explores management perspectives on contemporary telecommunications, data communications and networks. Topics covered include: network architecture and standards; new communications technologies; Internetworking; domestic and international communications environments; application-oriented services; network resource architectures; client/server systems; introduction to distributed processing; distributed databases; emerging technologies; and business and telecommunications planning.

32703 Information Technology Strategy

6cp; availability: for Graduate Certificate, Graduate Diploma and Masters in IT Management students only. Other students may undertake the subject if they have demonstrated relevant IT management experience and have signed academic approval from the ITMP

Recommended studies: prior experience or skills in IT/IS management or business information system development, service delivery and support

Postgraduate

IT strategy is a key concern for both IT managers and managers of other business functions within enterprises. Through a brief presentation of key issues, case studies and presentations of students' own experiences, this subject deals with the development, evaluation and impact of information systems in organisations; choices that, together, form part of IT and IS strategy.

32901 Recent Advances in Computer Systems

6ср

Postgraduate

This subject presents high-level material by internationally recognised specialists. Topics are chosen from combinatorial optimisation, computer-supported cooperative work, data mining and visualisation, e-commerce, high-performance and distributed computing applications, computer vision and image processing, interaction design and usability issues for mobile and web-based applications, networking, search and visualisation methodologies for the internet, virtual worlds and communities, web services and semantic web.

Typical availability

This subject is only offered in semesters when the faculty has a visiting academic in residence. Students interested in this subject are advised to consult with the Head of School of Computing and Communications.

32902 Recent Advances in Information Systems

6ср

Postgraduate

This subject discusses key issues in IS research, and showcases a number of recent research contributions. It considers the place of the information systems discipline in industry and research, and major IS research issues and directions. The featured research varies according to the interests of staff, particularly of visiting academics.

Typical availability

This subject is only offered in semesters when the faculty has a visiting academic in residence. Students interested in this subject are advised to consult with the Head of School of Systems, Management and Leadership.

32903 PhD Thesis: Analytics

Оср

For subject description, contact UTS: Information Technology.

32930 Management Research Methods

6cp; availability: Master of Business in IT Management students only Requisite(s): 48 credit points of completed study in C04161 Master of Business in Information Technology Management

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject prepares students for research in organisations. The advantages and limitations of different research paradigms are examined as well as their applicability in different organisational contexts. Experience is provided in the design of research studies, in the analysis and interpretation of data, and in report presentation. Participants acquire skills that are useful in the conduct of research agendas in their own organisations and in the critical evaluation of others' research work.

32931 Technology Research Methods

6cp; availability: honours and postgraduate degree students Requisite(s): 32144 Technology Research Preparation These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject familiarises participants with a range of approaches used in information technology research, with an emphasis on approaches commonly used in practical settings. The advantages and limitations of different research approaches are examined, as well as their applicability in different information technology contexts. Experience is provided in the design of research studies, in the analysis and interpretation of data, and in report presentation. Participants acquire skills that are useful in the conduct of research agendas in their own information technology organisations and in the critical evaluation of others' research work.

Typical availability

Spring semester, City campus

32932 Management Research Project

6cp; availability: master's level

Requisite(s): 32930c Information Technology Management Research Methods

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject is the compulsory part of the final master's project. Participants practise the methods and techniques introduced in the prerequisite research methods subject by undertaking a literature review and producing a research proposal.

32933 Research Project

6cr

Requisite(s): 32144 Technology Research Preparation There are also course requisites for this subject. See access conditions.

Postgraduate

Students undertake research that involves a substantial investigation under the supervision of a member of academic staff. Students apply the research methods and approaches, including a literature review and a formal research project. The subject is examined on the quality of a written report, oral presentation and management of the project work.

32934 Research Project

12cn

Requisite(s): 32144 Technology Research Preparation There are also course requisites for this subject. See access conditions.

Postgraduate

Students undertake research that involves a substantial investigation under the supervision of a member of academic staff. Students apply the research methods and approaches including a literature review and a formal research project. The subject is examined on the quality of a written report, oral presentation and management of the project work.

32986 PhD Thesis: Information Systems

Ocp; availability: PhD students only

Postgraduate

Further information on this subject is available from the UTS: Information Technology research administration officer.

32989 Software Project

12cp

Postgraduate

Further information on this subject is available from the head of the School of Software.

Note(s)

This subject is not currently available to students for enrolment.

32990 IT Contracts and Outsourcing

6ср

Postgraduate

This subject deals with the management, social, legal and financial issues that arise when several parties are involved in the development of an information system. Situations considered are outsourcing, insourcing, development partnerships, support relationships and individual contracting. Students are provided with sufficient resources to plan for and evaluate their position as a client or vendor, and to assess where they need professional advice.

32995 People Management for IT

6ср

Postgraduate

This subject introduces theories of organisations such as businesses, government departments and voluntary associations. It deals with the behaviour of people in organisations, the structure of organisations and the relation between the two. While dealing with organisations in general, particular reference is made to studies and examples of the mutual influence of information systems and organisations.

32998 .NET Application Development

6ср

Requisite(s): 32555 Fundamentals of Software Development These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: a good understanding of programming constructs, 0-0 concepts and programming practices
Postgraduate

This subject introduces C#, Visual Studio and the .NET development environment. The emphasis is on examining the .NET framework and the practicalities of developing software in this setting using the C# language.

Typical availability

Spring semester, City campus

33116 Statistical Design and Analysis

6cp; 5hpw

This subject provides the theory and techniques needed in the design and analysis of experiments in the natural sciences. It covers descriptive statistics, measures of location and dispersion, commonly used discrete and continuous distributions and simple random sampling. Statistical tests, both parametric and distribution free, are presented for a variety of designs, including paired trials, completely randomised design, block designs and designs with interaction terms or covariates. The analysis of linear, multiple and polynomial regression models is also presented, together with appropriate diagnostic techniques to determine the validity of the models.

Typical availability

Autumn semester, City campus

33130 Mathematical Modelling 1

6cp

Recommended studies: 3-unit Mathematics

This subject develops the knowledge and skills necessary for problem-solving and mathematical modelling at an introductory level. Differential calculus is applied to model situations in science and engineering that involve oscillations. Integral calculus is used to solve selected problems involving first- and second-order differential equations, and to calculate areas, volumes, lengths and other physical quantities. Vectors and matrices are introduced and applied to problem solving and modelling.

Typical availability

Autumn semester, City campus Spring semester, City campus

First-year experience videos

View commentary from students and academics about this first-year subject at:

- Student video: www.youtube.com/watch?v=ZNYttDMzzDE
- Academic video: www.youtube.com/watch?v=gJrzDuJEox0

33190 Mathematical Modelling for Science

6cp; 6hpw

Recommended studies: two units of HSC Mathematics

Topics covered in this subject include functions and their relationship to scientific experiments; differentiability; differential equations arising from scientific problems; solution by series; radioactive decay and exponential functions; oscillatory motion and trigonometric functions; integration; the logarithm function; inverse functions; inverse trigonometric functions; and solution of differential equations by integration and inverse functions. The computer algebra system Mathematica is used for symbolic, graphical and numerical computations.

Typical availability

Autumn semester, City campus

33230 Mathematical Modelling 2

6cp

Requisite(s): 33130 Mathematical Modelling 1 OR 33190

Mathematical Modelling for Science

This subject consists of two parts: multivariate calculus and an introduction to statistics. The mathematical part develops the mathematical skills required for mathematical modelling of systems involving more than one independent variable. The statistics part is an introduction to descriptive statistics, statistical inference and simple linear regression. Topics include linear algebra, solutions to sets of equations resulting from particular problems, eigenvectors and eigenvalues, partial derivatives, optimisation, multiple integrals and their applications, and probability with a focus on the determination of the reliability of a system of components in various engineering contexts.

Typical availability

Autumn semester, City campus

Spring semester, City campus

Summer session, City campus

33290 Statistics and Mathematics for Science

6cp; 6hpw (Spring semester), 9hpw (Summer session in December), 6hpw (Summer session in January)

Requisite(s): 33190 Mathematical Modelling for Science OR 33130 Mathematical Modelling 1

This subject covers studies of simultaneous linear equations and their occurrence in scientific problems; methods for solving these equations using matrices and determinants; eigenvalues and eigenvectors; vectors in two and three dimensions; products of vectors; spatial geometry and coordinate systems; functions of several variables; partial derivatives; optimisation and method of least squares; probability with a focus on the determination of the reliability of a system of components in various engineering contexts; variance, skewness and kurtosis; and probability distributions, conditional probability and bi-variate probability.

The computer algebra system Mathematica is used throughout the subject as an aid to computation, graph plotting and visualisation.

Typical availability

Spring semester, City campus

Note(s)

This subject was formerly called Computing and Mathematics for Science.

33360 Mathematics for Physical Science

6cp; 4hpw

Requisite(s): 33290 Statistics and Mathematics for Science

Topics in this subject include a review of integration techniques; boundary value problems, separation of variables; Fourier series; heat and wave equations; Laplace's equation; the application of double and triple integrals to scientific problems; vector fields; line and surface integrals, and theorems of Gauss and Stokes.

Typical availability

Autumn semester, City campus

33874 PhD Thesis: Software Engineering

Ocp; availability: PhD students only

Postgraduate

Further information on this subject is available from UTS: Information Technology.

33875 PhD Thesis: Computer Systems

Ocp; availability: PhD students only

Postgraduate

Further information on this subject is available from UTS: Information Technology.

34776 Thesis (Mathematics)

Оср

The Master of Science in Mathematical Sciences (by research) is examined through presentation of a thesis. Further information is available from the course description (see page 490).

Typical availability

Autumn semester, City campus Spring semester, City campus

34980 PhD Thesis: Mathematics

Ocn

The Doctor of Philosophy is examined through presentation of a thesis. Further information is available from the course description (see page 477).

Typical availability

Autumn semester, City campus

Spring semester, City campus

35010 Foundation Mathematics

6cp; 6hpw

This subject aims to increase a student's chance of success at university by developing essential mathematical knowledge. It establishes essential knowledge and skills in the areas of algebra, functions, calculus and probability. Students are required to actively participate in their learning by oral presentations, group activities and individual work. Students use the computer algebra system Mathematica in applied problems.

Typical availability

Autumn semester, City campus

Spring semester, City campus

First-year experience videos

View commentary from students and academics about this first-year subject at:

- Student video: www.youtube.com/watch?v=NMkxU2nON2U
- Academic video: www.youtube.com/watch?v=VAmPrKxQhvQ

35100 Introduction to Sample Surveys

6cp; 4hpw

Requisite(s): 35151 Introduction to Statistics OR 33116 Statistical Design and Analysis OR 26134 Business Statistics OR 33290 Statistics and Mathematics for Science OR 33230 Mathematical Modelling 2

These requisites may not apply to students in certain courses. See access conditions.

This subject provides students with basic quantitative research skills applicable in a variety of disciplines and work environments. It focuses on the use of the sample survey as a research tool, placing it in context as part of the range of research methods. The subject addresses aspects such as questionnaire design and wording, mode of survey administration and sampling method. Appropriate methods of statistical analysis are covered using the package SPSS, and emphasis is given to the skill of research report writing. Part of the assessment is the designing and carrying out of a small quantitative research project, and the many practical steps involved are placed within a project management framework.

Typical availability

Spring semester, City campus

35101 Introduction to Linear Dynamical Systems

6cp; 5hpw

Problems as diverse as analysing the effects of interest rates or ecological change involve the study of systems that evolve in various ways. This subject provides an introduction to the modelling of change through difference and differential equations and allows students to see something of the power of mathematics through the interplay between linear algebra and differential equations. Topics include systems of linear equations and their occurrence in everyday problems; methods for solving these equations using matrices and determinants; solution of differential equations by series; methods of integration; eigenvalues, eigenvectors, matrix exponentials and their use in the solution of systems of differential equations. The computer algebra system Mathematica is used for symbolic, graphical and numerical computations.

Typical availability

35102 Introduction to Analysis and Multivariable Calculus

6cp; 5hpw (Spring semester), 9hpw (Summer session) Requisite(s): (35101 Introduction to Linear Dynamical Systems OR ([33230 Mathematical Modelling 2 OR 33290 Statistics and Mathematics for Science])]

Many problems in business and science involve the study of systems with many interrelated (examples include the study of investment portfolios and the analysis of ecological systems). This subject introduces students to the principles of calculus for functions of several variables required in such applications, and to the theoretical foundations of mathematics that underpin them. Topics include vectors; products of vectors; equations of lines and planes; functions of several variables; partial derivatives and gradient; double integrals; sequences and their convergence; continuous and uniformly continuous functions; properties of continuous functions on a closed interval; differentiability; power series, tests for convergence and radius of convergence; Taylor and Maclaurin series; sequences and series of functions and Weierstrass M-test; upper and lower sums; and the Riemann integral.

Typical availability

Spring semester, City campus Summer session, City campus

35111 Applications of Discrete Mathematics

6cp; 4hpw

This subject is designed to provide students with an appreciation of the practical benefits that result from the application of discrete mathematics to problems in areas such as data storage, digital communication and DNA sequencing. The subject places a strong emphasis on developing a clear understanding of the common features of problems from diverse areas, with students developing practical skills in problem solving through structured tutorial exercises. Topics are chosen to cover the mathematics underlying recording music on CDs, secret sharing schemes, Sudoku, group testing and Universal Product Codes.

Typical availability

Spring semester, City campus

35112 Mathematical Research Project A

12cp

In this subject students undertake a short research investigation under the supervision of a member of academic staff. Students contribute, in collaboration with their UTS supervisor and, where appropriate, an industry or external co-supervisor, to formulating the scope of the research project, including planning the research work. The student is responsible for carrying out the work, including appropriate and critical analysis of the data or information obtained, and writing up their findings in a formal written report (7000–15,000 words approx.) which includes an introduction to the project, a description of the methods used, a presentation of the results obtained plus any analysis undertaken and a discussion of the results in the context of the relevant literature. They may also be required to present a seminar to other students, staff and industry or external partners.

Due to supervisory and infrastructure constraints, places in this subject are limited and it can only be undertaken with faculty approval. Students should approach their Program Adviser and potential supervisors about project availability in the first instance. A project proposal, written in consultation with, and signed by the proposed supervisor and countersigned by the Program Adviser must be sent to the Master of Science Course Director for formal approval. Where the project involves laboratory or fieldwork, a completed risk assessment form must also be provided with the approval request. Ethics approval is required for certain projects.

35113 Mathematical Research Project B

12cr

In this subject students undertake a short research investigation under the supervision of a member of academic staff. Students contribute, in collaboration with their UTS supervisor and, where appropriate, an industry or external co-supervisor, to formulating the scope of the research project, including planning the research work. The student is responsible for carrying out the work, including appropriate and critical analysis of the data or information obtained, and writing up their findings in a formal written report (7000–15,000 words approx.) which includes an introduction to the project, a description of the

methods used, a presentation of the results obtained plus any analysis undertaken and a discussion of the results in the context of the relevant literature. They may also be required to present a seminar to other students, staff and industry or external partners.

Due to supervisory and infrastructure constraints, places in this subject are limited and it can only be undertaken with faculty approval. Students should approach their Program Adviser and potential supervisors about project availability in the first instance. A project proposal, written in consultation with, and signed by the proposed supervisor and countersigned by the Program Adviser must be sent to the Master of Science Course Director for formal approval. Where the project involves laboratory or fieldwork, a completed risk assessment form must also be provided with the approval request. Ethics approval is required for certain projects.

35114 Mathematical Research Project

24cr

In this subject students undertake a semester-long research investigation under the supervision of a member of academic staff. Students contribute, in collaboration with their UTS supervisor and, where appropriate, an industry or external co-supervisor, to formulating the scope of the research project, including planning of the research work. This project is equivalent in level to those undertaken by honours and research master's students. The student is responsible for carrying out the work, including appropriate and critical analysis of the data or information obtained, and writing up their findings in a formal written report (10,000–20,000 words approx.) which includes an introduction, which sets the project in the context of the literature, a description of the methods used, a presentation of the results obtained plus any analysis undertaken and a discussion of the results in the context of the relevant literature. They may also be required to present a seminar to other students, staff and industry or external partners.

Due to supervisory and infrastructure constraints, places in this subject are limited and it can only be undertaken with faculty approval. Students should approach their Program Adviser and potential supervisors about project availability in the first instance. A project proposal, written in consultation with, and signed by the proposed supervisor and countersigned by the Program Adviser must be sent to the Master of Science Course Director for formal approval. Where the project involves laboratory or fieldwork, a completed risk assessment form must also be provided with the approval request. Ethics approval is required for certain projects.

35140 Introduction to Quantitative Management

6cp; 4hpw

This subject is an introduction to quantitative management methodology and modelling. A variety of problems from manufacturing, construction, supply chain management and finance are considered, together with approaches to the formulation of the corresponding mathematical models. Models include linear programs, nonlinear programs, integer programs, game theory, project management, and simulation. Solutions for the models are obtained using commercial decision support software including spreadsheet add-ins and mathematical programming modelling systems such as LINGO.

Typical availability

Autumn semester, City campus Spring semester, City campus

35151 Introduction to Statistics

6cp; 5hpw

Statistics is the science of collecting, organising and interpreting data. These data may come from designed experiments, may be collected in a questionnaire or may be the result of market activity, but many of the statistical techniques are independent of the source of the data and some of them are introduced in this subject. After a general introduction, some of the common distributions and their usefulness in data summary are presented. Formal tests about the mean and variance are developed and then a number of standard techniques from regression, designed experiments and quality control are introduced.

Typical availability

35212 Computational Linear Algebra

Requisite(s): 35101 Introduction to Linear Dynamical Systems OR 33230 Mathematical Modelling 2 OR 33290 Statistics and Mathematics for Science OR 33401 Introductory Mathematical

These requisites may not apply to students in certain courses. See access conditions.

In this subject, students develop familiarity with the theory of finite dimensional linear algebra, applications of this theory in areas such as statistical analysis and the solution of differential equations and some of the main computational techniques used in these applications. Topics include systems of linear equations (LU factorisation and iterative methods); vector spaces; inner product spaces; Gram-Schmidt orthogonalisation, QR decomposition; approximation theory: least squares and orthogonal polynomials; the eigenvalue problem; Singular value decomposition and applications.

Typical availability

Autumn semester, City campus

35231 Differential Equations

Requisite(s): ((35102 Introduction to Analysis and Multivariable Calculus OR 33230 Mathematical Modelling 2 OR 33290 Statistics and Mathematics for Science OR 33401 Introductory Mathematical Methods) AND 35212 Computational Linear Algebra)

These requisites may not apply to students in certain courses. See access conditions.

Differential equations arise in contexts as diverse as the analysis and pricing of financial options, and the design of novel materials for telecommunications. In this subject students develop familiarity with the theory of differential equations, applications of this theory and some of the main computational techniques used in the solution of differential equations. Topics include existence and uniqueness of solutions; method of Frobenius; variation of parameters; the Taylor and Runge-Kutta methods for initial value problems; Fourier series; solving partial differential equations and boundary value problems by separation of variables, transform methods and finite difference methods.

Typical availability

Spring semester, City campus

35232 Advanced Calculus

6cp; 4hpw

Requisite(s): 35102 Introduction to Analysis and Multivariable Calculus OR 33230 Mathematical Modelling 2 OR 33360

Mathematics for Physical Science

These requisites may not apply to students in certain courses. See

Transform methods such as the Laplace transform are useful in solving differential equations that arise in many areas of applications including signal analysis, mathematical finance and various queuing models in quantitative management. This subject highlights the areas of advanced calculus needed to justify the use of complex integration to invert the Laplace Transform when solving such problems. Topics include line integrals; Green's theorem; functions of a complex variable; analytic functions; Cauchy-Riemann equations; complex integrals; Cauchy's integral theorem; residues and poles; contour integration; and inversion of Laplace Transform.

Typical availability

Autumn semester, City campus

35241 Optimisation in Quantitative Management

6cp; 4hpw

Requisite(s): 35101 Introduction to Linear Dynamical Systems OR 33401 Introductory Mathematical Methods OR 33230 Mathematical Modelling 2 OR 33290 Statistics and Mathematics for Science These requisites may not apply to students in certain courses. See access conditions

This subject introduces methods and ideas that form an indispensable part of commercial decision support systems in such diverse fields as supply chain management, financial analysis, transportation, production planning and scheduling. It introduces classical techniques for linear models in quantitative management and basic concepts of nonlinear optimisation. Topics covered include the two-phase simplex method, the revised simplex method and the dual simplex method; duality theory; sensitivity analysis; branch-and-bound and cutting plane methods for integer programming; and optimality conditions in nonlinear programming.

Typical availability

Autumn semester, City campus

35252 Mathematical Statistics

6cp: 4hpw

Requisite(s): ((35102 Introduction to Analysis and Multivariable Calculus OR 33401 Introductory Mathematical Methods OR 33230 Mathematical Modelling 2 OR 33290 Statistics and Mathematics for Science) AND 35353 Regression Analysis)

These requisites may not apply to students in certain courses. See access conditions.

Advanced statistical analysis in areas such as marketing, survey design and financial modelling requires insight into the mathematical foundations of statistics. This subject aims to develop such insight and introduces students to the concepts and terminology required in more advanced applications. Topics include probability, random variables and their probability distributions, limiting distributions, multivariate probability distributions, functions of random variables, estimators and their properties, hypotheses and their tests, and order statistics.

Typical availability

Autumn semester, City campus

35255 Forensic Statistics

6cp; 3hpw

Requisite(s): 35151 Introduction to Statistics OR 33116 Statistical Design and Analysis OR 33230 Mathematical Modelling 2 OR 33290 Statistics and Mathematics for Science

These requisites may not apply to students in certain courses. See access conditions.

This subject covers the application of statistical techniques and probability models to forensic cases in the areas of uncertainty, significance and coincidence probabilities, discrimination in discrete and continuous data, relevant population grouping and the analysis of genetic profiles and lineages. The above is illustrated with reference to practical examples and databases of forensic evidence.

Typical availability

Autumn semester, City campus

35322 Advanced Analysis

6cp; 4hpw

Requisite(s): 35232 Advanced Calculus AND 35212 Computational Linear Algebra

These requisites may not apply to students in certain courses. See

This subject introduces some of the most important and powerful mathematical tools developed over the last one hundred years. These are essential for the modern theory of probability and stochastic processes that underpin the pricing of derivative securities traded in international financial markets as well as the mathematical foundations of quantum physics. Topics include measure spaces; Lebesgue measure; borel sets and sigma algebra; Lebesgue integrals; product measures; probability as a measure; metric spaces; normed linear spaces; Banach spaces; Hilbert spaces; Lp spaces; applications to problems in probability and Fourier series.

Typical availability

Spring semester, City campus

35335 Mathematical Methods

6cp; 4hpw

Requisite(s): 35231c Differential Equations

This subject introduces students to the advanced techniques that are used to formulate and solve problems in the physical and biological sciences, as well as problems in finance and economics. Topics include: vector integral theorems; the Gamma function and other special functions; Bessel and Legendre equations with applications to boundary value problems; integral transform methods for solving boundary value problem.

Typical availability

Spring semester, City campus (odd years only)

35340 Quantitative Management Practice

6cp; 4hpw

Requisite(s): 35241 Optimisation in Quantitative Management These requisites may not apply to students in certain courses. See access conditions.

This subject is concerned with practical aspects of quantitative management, and covers recent developments in various areas of application. Applications considered include personnel scheduling, supply chain management (including logistics and inventory control), production planning and control, transportation problems and financial applications. The subject involves various case studies and study of recent journal publication.

Typical availability

Autumn semester, City campus

35342 Nonlinear Methods in Quantitative Management

6cp; 4hpw

Requisite(s): 35241 Optimisation in Quantitative Management These requisites may not apply to students in certain courses. See access conditions.

This subject presents a range of ideas and methods commonly used in solving various nonlinear optimisation problems in quantitative management and portfolio management. Methods presented include interior point methods for linear programming; Newton's and conjugate direction methods for unconstrained nonlinear programming; feasible direction methods, and penalty and barrier methods for constrained nonlinear programming; and an introduction to stochastic programming.

Typical availability

Spring semester, City campus

35344 Network and Combinatorial Optimisation

6cp; 4hpw

Requisite(s): 35241 Optimisation in Quantitative Management These requisites may not apply to students in certain courses. See access conditions.

Network and combinatorial optimisation methods are among the main tools used in solving problems that arise in supply chain management, personnel planning and scheduling, production scheduling and choosing the best route for vehicles. This subject has three components: network models and solution methods, complexity theory, and an introduction to modern heuristic techniques for discrete optimisation. The network component includes the minimum cost network flow problem, the maximum flow problem, and the shortest path problem. The subject introduces the concepts of local search and other heuristic techniques such as tabu search, genetic algorithms and simulated annealing.

Typical availability

Spring semester, City campus

Note(s)

This subject was formerly called Network Optimisation.

35353 Regression Analysis

6cp; 4hpw

Requisite(s): 35151 Introduction to Statistics OR 33116 Statistical Design and Analysis OR 33230 Mathematical Modelling 2 OR 33290 Statistics and Mathematics for Science OR 26134 Business Statistics

These requisites may not apply to students in certain courses. See access conditions.

Regression analysis provides a way to model the relations among a set of quantitative variables. This subject focuses on the most common situation of one response variable and several explanatory variables, a situation encountered in many areas in science, engineering, medicine and business. Models for several explanatory variables are developed and tested, and ways for deciding which of a set of variables give the best model are developed. Other related models such as time series models are briefly considered.

Typical availability

Spring semester, City campus

35355 Quality Control

6cp; 4hpw

Requisite(s): 35353c Regression Analysis OR 35252 Mathematical Statistics

These requisites may not apply to students in certain courses. See access conditions.

This subject shows how to use statistical methods to improve the quality of manufactured goods and services. The topics covered include control charts, acceptance sampling plans, process capability and reliability measures. Applications to health and health-related quality of life are also discussed.

Typical availability

Spring semester, City campus (even years only)

Note(s)

This subject is replaced by 35393 Seminar Statistics in odd years.

35356 Design and Analysis of Experiments

6cp: 4hpw

Requisite(s): 35353c Regression Analysis

These requisites may not apply to students in certain courses. See access conditions

Experiments are an important part of research in all areas including science, medicine, engineering and marketing. Many ideas on how to design a good experiment are independent of the area of application and this subject covers standard principles of good design applicable to all areas. It covers standard designs (completely randomised, randomised complete block, Latin squares and factorial designs) for testing hypotheses about treatment means, discusses how to design experiments to study variances, and discusses assumption checking and transformations. Designs for various special purpose applications such as longitudinal studies, crossover trials and analysis of covariance are also outlined.

Typical availability

Autumn semester, City campus

35361 Stochastic Processes

6cp; 4hpw

Requisite(s): 35252 Mathematical Statistics AND 35363 Stochastic Models

These requisites may not apply to students in certain courses. See access conditions.

This subject has applications across a very wide range of disciplines, from finance and economics, to physics and biology. It introduces the mathematics of random processes which are used to describe and predict the behaviour of complex systems. Topics include: Gaussian-Markov processes; Markov chains, birth-death processes; Compound Poisson processes, Levy processes, stable and Variance-Gamma processes; Time Series; Martingales and their application to ruin probabilities and financial modelling; Black-Scholes formula.

Typical availability

Spring semester, City campus

35363 Stochastic Models

6cp; 4hpw

Requisite(s): 35151 Introduction to Statistics OR C06097 Graduate Diploma in Mathematics and Statistics for Business and Finance

Stochastic models allow many situations involving uncertainty to be analysed. This subject provides students with the knowledge required to use such models successfully in practice. Students acquire experience in using state-of-the-art commercial software for simulation, Markov decision process methods and various queuing models. Topics covered include Markov chains, Poisson processes, the birth-and-death process, and non-birth-and-death queuing models. The simulation component of the subject includes: pseudorandom number generation and corresponding statistical tests; evaluation of integrals using Monte Carlo simulation; generation of continuous and discrete random variables, including inverse transform technique, convolution method, and acceptance-rejection technique.

Typical availability

Autumn semester, City campus

35364 Statistics for Quantitative Finance

6cp

This subject provides a foundation in probability and statistics, and introduces the basic concepts of stochastic processes and time series. Topics include random variables, expectations, law of large numbers, central limit theorem, estimation of parameters, testing hypothesis, linear regression, Gaussian and Markov stochastic processes, and basic time series analysis.

Typical availability

Autumn semester, City campus

35365 Stochastic Calculus in Finance

6ср

Requisite(s): 35364 Statistics for Quantitative Finance These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

The aim of this subject is to present and deepen the various mathematical concepts, techniques and intuition necessary for modern financial modelling, derivative pricing, portfolio optimisation and risk management. It provides the foundations for a sufficiently rigorous mathematical treatment of these topics. It also enables students to confidently apply the theory of stochastic processes and stochastic calculus.

Typical availability

Autumn semester, City campus

35366 Numerical Methods of Finance

6cr

Requisite(s): 25839 Mathematics of Finance

These requisites may not apply to students in certain courses. See access conditions.

This subject presents various numerical methods used in quantitative finance. It provides a rigorous understanding of advanced numerical, statistical and filtering methods. Emphasis is on simulation methods for solving stochastic differential equations and finite difference methods for partial differential equations.

Typical availability

Autumn semester, City campus

Note(s)

1. This subject was previously owned by the Faculty of Business.

35383 High Performance Computing

6cp; 4hpw

Requisite(s): ((31267 Programming Fundamentals OR 48023 Programming Fundamentals) AND 35212 Computational Linear Algebra)

Many quantitative problems, such as the pricing of exotic financial options or modelling large-scale ecological systems, cannot be solved analytically. Instead, computational solutions must be found, sometimes by methods that require high-performance parallel computers or grid computing techniques. This subject introduces students to the structure and characteristics of the major types of parallel computer systems and to methods for the design and implementation of parallel numerical codes in a modern scientific programming language. Topics include: the Fortran 95 language including arrays and array operations; procedures and interface blocks, modules, recursive procedures, pointers and dynamic data structures; practicalities of programming in a batch environment; debugging; checkpointing; the MPI library and MIMD programming in a distributed memory environment; OpenMP and shared memory MIMD programming with thread.

Typical availability

Autumn semester, City campus

35391 Seminar (Mathematics)

6cp; 4hpw

Requisite(s): 35231c Differential Equations

The subject involves group studies in mathematics. The topics vary from year to year and are chosen in accordance with the interests of students and staff, and the availability of staff.

Typical availability

Spring semester, City campus (even years only)

35393 Seminar (Statistics)

6cp; 4hpw

Requisite(s): 35353 Regression Analysis

These requisites may not apply to students in certain courses. See access conditions.

The subject involves group studies in statistics. The topics vary from year to year and are chosen in accordance with the interests of students and staff, and the availability of staff.

Typical availability

Spring semester, City campus (odd years only)

35457 Multivariate Statistics

6cp; 3hpw

This subject covers multivariate normal distribution, definition, moments, characteristic function, estimation of mean and covariance matrices, Wishart distribution, Hotelling's T2, multivariate linear regression, principal components, factor analysis and cluster analysis.

Typical availability

Autumn semester, City campus

35466 Advanced Stochastic Processes

6cp; 3hpw

This subject aims to introduce honours students to the mathematical theory and some financial applications of Brownian motion and related processes. It covers the following topics: formal definition of probability space and stochastic processes; Martingales; Riemann-Stieltjes integration; Brownian motion and related processes; stochastic calculus and stochastic differential equations; and financial applications.

Typical availability

Autumn semester, City campus

35472 Honours Seminar 1

6ср

This is one of four seminar subjects that allow students to engage in intensive study of an advanced topic in the mathematical sciences. The choice of topics is based on the student's interests and staff availability. Recent topic areas include advanced design and analysis of experiments, advanced mathematical methods, boundary value problems, discrete optimisation, electromagnetic wave theory, finite difference methods, log-linear and nonlinear statistical models, nonlinear dynamical systems, optimal control, scheduling theory, and time series analysis.

Some honours subjects offered by the Australian Mathematical Science Institute via Access Grid Room are also available.

35473 Honours Seminar 2

6ср

This is one of four seminar subjects that allow students to engage in intensive study of an advanced topic in the mathematical sciences. The choice of topics is based on the student's interests and staff availability. Recent topic areas include advanced design and analysis of experiments, advanced mathematical methods, boundary value problems, discrete optimisation, electromagnetic wave theory, finite difference methods, log-linear and nonlinear statistical models, nonlinear dynamical systems, optimal control, scheduling theory, and time series analysis.

Some honours subjects offered by the Australian Mathematical Science Institute via Access Grid Room are also available.

35474 Honours Seminar 3

6cp

This is one of four seminar subjects that allow students to engage in intensive study of an advanced topic in the mathematical sciences. The choice of topics is based on the student's interests and staff availability. Recent topic areas include advanced design and analysis of experiments, advanced mathematical methods, boundary value problems, discrete optimisation, electromagnetic wave theory, finite difference methods, log-linear and nonlinear statistical models, nonlinear dynamical systems, optimal control, scheduling theory, and time series analysis.

Some honours subjects offered by the Australian Mathematical Science Institute via Access Grid Room are also available.

35475 Honours Seminar 4

6cp

This is one of four seminar subjects that allow students to engage in intensive study of an advanced topic in the mathematical sciences. The choice of topics is based on the student's interests and staff availability. Recent topic areas include advanced design and analysis of experiments, advanced mathematical methods, boundary value problems, discrete optimisation, electromagnetic wave theory, finite difference methods, log-linear and nonlinear statistical models, nonlinear dynamical systems, optimal control, scheduling theory, and time series analysis.

Some honours subjects offered by the Australian Mathematical Science Institute via Access Grid Room are also available.

35476 Thesis: Mathematics and Finance (Hons) A

6cp; independent research under supervision

The honours thesis subjects require students to produce a thesis based on an original problem of a theoretical or applied nature. The thesis is expected to demonstrate the student's competency to conceptualise, conduct and present research in a scholarly and independent manner. The project on which the thesis is based is conducted over two semesters in two consecutive subjects of which this is the first. The subject 35477 Thesis: Mathematics and Finance (Hons) B is the second subject and the result in this subject is determined on completion of that subject.

35477 Thesis: Mathematics and Finance (Hons) B

6cp; independent research under supervision

This subject is a continuation of 35476 Thesis: Mathematics and Finance (Hons) A. The honours thesis subjects require students to produce a thesis based on an original problem of a theoretical or applied nature. The thesis is expected to demonstrate the student's competency to conceptualise, conduct and present research in a scholarly and independent manner.

35493 Thesis (Mathematics) Honours Part A

12cp

The thesis is an individually supervised subject with no formally scheduled classes. Regular meetings are arranged between the supervisor and student. Students are required to give oral presentations and/or seminars during the course of the subject. Students perform an independent investigation of an area of the mathematical sciences chosen in consultation with a supervisor who is appointed by the head of department. The subject is preparation for 35494 Thesis: Mathematics (Honours) Part B and results are only allocated on completion of that subject.

Typical availability

Autumn semester, City campus

35494 Thesis (Mathematics) Honours Part B

12cp

The thesis is an individually supervised subject with no formally scheduled classes. Regular meetings are arranged between the supervisor and student. Students are required to give oral presentations and/or seminars during the course of the subject. Students perform an independent investigation of an area of the mathematical sciences chosen in consultation with a supervisor who is appointed by the head of department.

Typical availability

Autumn semester, City campus Spring semester, City campus

35502 Seminar A

6cp

This is one of four subjects which allow students to engage in intensive study of an advanced topic in the mathematical sciences. The choice of topics is based on the area of specialisation of the lecturer/presenter/facilitator. Recent topic areas include: advanced design and analysis of experiments; advanced mathematical methods; boundary value problems; discrete optimisation; electromagnetic wave theory; finite difference methods; log-linear and nonlinear statistical models; nonlinear dynamical systems; optimal control; scheduling theory; and time series analysis.

35503 Seminar B

6ср

This is one of four subjects which allow students to engage in intensive study of an advanced topic in the mathematical sciences. The choice of topics is based on the area of specialisation of the lecturer/presenter/facilitator. Recent topic areas include: advanced design and analysis of experiments; advanced mathematical methods; boundary value problems; discrete optimisation; electromagnetic wave theory; finite difference methods; log-linear and nonlinear statistical models; nonlinear dynamical systems; optimal control; scheduling theory; and time series analysis.

35504 Seminar C

6cr

This is one of four subjects which allow students to engage in intensive study of an advanced topic in the mathematical sciences. The choice of topics is based on the area of specialisation of the lecturer/presenter/facilitator. Recent topic areas include: advanced design and analysis of experiments; advanced mathematical methods; boundary value problems; discrete optimisation; electromagnetic wave theory; finite difference methods; log-linear and nonlinear statistical models; nonlinear dynamical systems; optimal control; scheduling theory; and time series analysis.

35505 Seminar D

6ср

This is one of four subjects which allow students to engage in intensive study of an advanced topic in the mathematical sciences. The choice of topics is based on the area of specialisation of the lecturer/presenter/facilitator. Recent topic areas include: advanced design and analysis of experiments; advanced mathematical methods; boundary value problems; discrete optimisation; electromagnetic wave theory; finite difference methods; log-linear and nonlinear statistical models; nonlinear dynamical systems; optimal control; scheduling theory; and time series analysis.

41001 Cloud Computing and Software as a Service

6cp

Requisite(s): 48440 Software Engineering Practice OR 31244 Applications Programming OR 31281 Systems Development Project OR 31061 Database Principles OR 48024 Applications Programming Undergraduate

This subject introduces students to cloud computing fundamentals, case studies and their applications for the development of software as a service in the cloud. Following a brief introduction to cloud computing, the cloud architecture, infrastructure as a service, platform as a service, software as a service (SaaS), virtualisation and multitenancy features are explained. The theoretical discussion of these topics is supplemented with practical hands-on exercises for SaaS development in the cloud.

Typical availability

Autumn semester, City campus

41004 Analytics Capstone Project

6cp

Requisite(s): 31250 Introduction to Data Analytics AND 90 credit points of completed study in C00000-C99999

Further information on this subject is available from UTS: Engineering and Information Technology.

41005 Cloud-based Enterprise Application Development

6cn

Requisite(s): 41001 Cloud Computing and Software as a Service

Further information on this subject is available from UTS: Engineering and Information Technology.

41101 Fundamentals of Biomedical Engineering

6ср

Requisite(s): 48541 Signal Theory AND 48520 Electronics and Circuits AND 91400 Human Anatomy and Physiology

The objectives of this subject are to introduce students to the field of biomedical engineering and familiarise them with the many areas and applications of this multidisciplinary field. The subject covers basics of biomedical signals and systems, biomedical images, biomedical instrumentation, biomechatronics and bioinformatics. Topics include description of the different biomedical and physiological signals, sensors, data acquisition process, systems analysis, processing medical 2D images, medical motion models, biomedical instrumentation and molecular biology databases.

41105 Biomedical Signal and Image Processing

6cp

Requisite(s): 31256 Image Processing and Pattern Recognition AND 41101 Fundamentals of Biomedical Engineering

This subject covers the concept of signal and image processing related to biomedical signals and images along with methods of acquisition and classification. Basics of electro-cardiography, electroencephalography, electro-myography and electro-retinography will be discussed along with discrete signal processing algorithms for analysis and monitoring. Measurement of amplitude and time intervals of ECG signals, QRS detection (different methods), ST segment analysis, removal of baseline and power line interferences, arrhythmia analysis etc will be included, along with algorithms for data reductions. The linear prediction and adaptive signal processing methods for analysis, detection and estimation of EEG and other neurological signals, sleep EEG, study of pattern of brain waves etc will be included. The EEG signal analysis using spectral estimation, the maximum entropy method and AR method, moving average method, the ARMA methods and moving likelihood method will also be covered. Wavelet signal processing methods will be introduced. Image processing methods for image analysis, segmentation, classification and reconstruction will be discussed. All the concepts will be introduced using MATLAB simulations.

42001 Bioinformatics

6ср

Requisite(s): (31005 Data Mining Algorithms AND 41101 Fundamentals of Biomedical Engineering AND (120 credit points of completed study C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study C10065 Bachelor of Engineering Bachelor of Business)) These requisites may not apply to students in certain courses. See access conditions.

This subject covers four main topics related to genomic sequence data, gene expression profiling, structural bioinformatics and network biology. Students learn to download freely-available genomic sequence data such as DNA sequences, RNA sequences, and protein sequences and learn to conduct sequence data analysis for motif discovery by using BLAST-based methods and algorithms. Students learn to understand gene expression principles and databases and learn to conduct data analysis for disease diagnosis and prognosis by using data mining and machine learning algorithms. Students are also taught to understand molecular structures of proteins and protein complexes and make use of data for binding site detection. Further, students learn to use graph models to detect functional modules from various biological networks such as protein-protein interactions, residue-residue networks, and genotype-phenotype associations.

42900 Sustainability and Information Systems

6cp; 3hpw (1.5hr lecture and 1.5hr tutorial) Elective

Postgraduate

This subject explores the arising and complex challenges effecting organisational sustainability in the 21st century. Sustainability here is viewed from multidimensional perspectives to encompass environmental, technological, social, and economic sustainability of contemporary organisations and their operations. To achieve

sustainability objectives, collaboration among a wide range of stakeholders, often mediated through the use of information technologies and collaborative media, is essential. This however poses significant and often existential challenges to many organisations attempting to apply traditional, structured, and short-term approaches in their operations, as well as considerable opportunities for innovative, collaborative, technology savvy, and long-term focused organisations.

Consequently, the subject invites students to proactively and innovatively reflect on these issues and their effect on organisational leadership and management. In such reflection, students are encouraged to consider various real and hypothetical casebased scenarios, where they identify and evaluate challenges to sustainability, and recommend informed, innovative, collaborative, and rigorously supported arguments and policy initiatives.

Typical availability

Spring semester, City campus

42901 Object-Relational Databases

6cp; 3hpw

Requisite(s): 31271 Database Fundamentals

Recommended studies: practical experience with database design and implementation

Elective

Postgraduate

This subject introduces students to advanced post-relational database topics including cloud databases, management of XML data and management of complex data objects. Following a brief review of relational databases and object-oriented principles, the SQL: 2003 object-relational model and language features are described in detail. The theoretical discussion of these topics is supported with practical hands-on exercises using the Oracle11g database management system.

Typical availability

Spring semester, City campus

42902 Interior Routing and High Availability

6cp; block, attendance at laboratory sessions is compulsory Requisite(s): [49202 Communication Protocols AND [120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering]] These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

Students examine the intricacies of standards-based routing protocols, such as open shortest path first (OSPF) and intermediate system-to-intermediate system (IS-IS). Students then analyse and compare these routing protocols, highlighting their valuable insights into the design decisions necessary for the successful implementation of these protocols in large-scale, service-oriented networking infrastructures for mobile, managed communication and triple play networks.

This subject is based on the Alcatel-Lucent course 3FL30633AAAAZZZZA which forms part of the service router certification program. Additional material has been added by UTS for further clarification and deepening of understanding.

Typical availability

May session, City campus

42903 Multi Protocol Label Switching

6cp; block

Requisite(s): (49202 Communication Protocols AND (120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering)) These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject teaches students about multiprotocol label switching (MPLS) concepts, terminology, signalling protocols, design considerations such as resiliency, and the implementation, monitoring

and basic troubleshooting of an MPLS network. On successful completion, students are able to demonstrate a good understanding of MPLS and the establishment of label switched paths (LSPs) using either label distribution protocol (LDP) or resource reservation protocol (RSVP) and resource reservation protocol with traffic engineering (RSVP-TE).

This subject is based on the Alcatel-Lucent course 3FL30635AAAAZZZZA which forms part of the service router certification program. Additional material has been added by UTS for further clarification and deepening of understanding.

Typical availability

October session, City campus

42904 Cloud Computing and Software as a Service

6cn

Postgraduate

This subject introduces students to cloud computing fundamentals, case studies and their applications for the development of software as a service in the cloud. Following a brief introduction to cloud computing, the cloud architecture, infrastructure as a service, platform as a service, software as a service (SaaS), virtualisation and multitenancy features are explained. The theoretical discussion of these topics is supplemented with practical hands-on exercises for SaaS development in the cloud.

42905 Marketing Technology

6cp; 3hpw; availability: offered only to students enrolled in Graduate Certificate in Information Technology Management (C11138), Graduate Certificate in Strategic IT Leadership (C11190), Graduate Diploma in Information Technology Management (C06060) and Master of Business in Information Technology Management (C04161) Elective

Postgraduate

This subject gives non-marketers, especially managers with a technical background, a new way of thinking about customers and their organisation. In this respect, it treats marketing as the process of accessing new customers and understanding their needs, thereby creating value for the organisation. This subject covers the fundamentals of marketing with special emphasis upon the marketing of technology and the way technology is changing the practice of marketing. The subject also challenges students to critically analyse the field of marketing's contribution to environmental sustainability and social change. After introducing essential marketing concepts, the subject relates these to technology industries, focusing on the way innovation in technology is changing marketing practice. Throughout the subject, participants are challenged to consider the wider socioeconomic and environmental impacts and challenges facing contemporary marketing practices.

Typical availability

Spring semester, City campus

48001 Project BEngSc

6cp; weekly

Requisite(s): (96 credit points of completed study in C10066 Bachelor of Engineering Science OR 96 credit points of completed study in C10077 Bachelor of Engineering Science in Engineering Innovation)) AND (48250c Engineering Economics and Finance OR (22107c Accounting for Business Decisions A AND 25311c Financial Management for New Enterprises)

These requisites may not apply to students in certain courses.

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This project subject provides students with the opportunity to consolidate their prior learning in an open-ended, multidisciplinary engineering project. Students work as part of a team that integrates most aspects of a full engineering design cycle, and learn about frameworks for analysing socio-technical systems, management techniques and technology assessment concepts. They are expected to develop client requirements through consultative processes, and to develop engineering specifications appropriate to the various stages in the project cycle. They assess alternative solutions and develop preferred options.

Students gain experience in defining and articulating needs and evaluating engineering responses. They produce a comprehensive report documenting the engineering process and project outcomes, and are also required to present aspects of the project through a variety of communication media, including online and face-to-face modes.

Typical availability

Autumn semester, City campus

48006 Capstone Project

6ср

Requisite(s): (48260 Engineering Project Management OR 16912 Site Management) AND (48142 Engineering Practice Review 2 OR 144 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 144 credit points of completed study in C10062 Bachelor of Engineering Bachelor of Arts in International Studies Diploma in Engineering Practice OR 144 credit points of completed study in C10063 Bachelor of Engineering Bachelor of Arts in International Studies OR 144 credit points of completed study in C10065 Bachelor of Engineering Bachelor of Business OR 144 credit points of completed study in C10067 Bachelor of Engineering OR 144 credit points of completed study in C10068 Bachelor of Engineering Bachelor of Business Diploma in Engineering Practice OR 144 credit points of completed study in C10073 Bachelor of Engineering Bachelor of Science OR 144 credit points of completed study in C10074 Bachelor of Engineering Bachelor of Science Diploma in Engineering Practice OR 144 credit points of completed study in C10075 Bachelor of Engineering Bachelor of Medical Science OR 144 credit points of completed study in C10076 Bachelor of Engineering Bachelor of Medical Science Diploma in Engineering Practice OR 144 credit points of completed study in C10078 Bachelor of Engineering Bachelor of Biotechnology OR 144 credit points of completed study in C10079 Bachelor of Engineering Bachelor of Biotechnology Diploma in Engineering Practice OR 144 credit points of completed study in C10080 Bachelor of Engineering in Civil Engineering OR 144 credit points of completed study in C10084 Bachelor of Engineering in Electrical Engineering OR 144 credit points of completed study in C10085 Bachelor of Engineering in Computer Systems Engineering OR 144 credit points of completed study in C10086 Bachelor of Engineering in Telecommunications Engineering OR 144 credit points of completed study in C10087 Bachelor of Engineering in Mechanical Engineering OR 144 credit points of completed study in C10088 Bachelor of Engineering in Manufacturing Engineering OR 144 credit points of completed study in C10091 Bachelor of Engineering in Manufacturing Systems Engineering) Undergraduate

Objectives of the Capstone Project are: to bring together and integrate knowledge and skills gained in the course as a whole, including engineering principles, planning and design, ethics, management, and communication, and to apply these to an initially unstructured problem formulated by each student in consultation with an adviser; to reinforce and develop competencies that have not been sufficiently emphasised in the student's choice of subjects or engineering practice to date; to define a substantial engineering study or design task, place it in context, and carry it to complete a comprehensive written and to a professional standard; to complete a comprehensive written and bound report that places the project in context, defines its objectives, and describes the work done and the resulting conclusions or recommendations; to provide a bridge to the student's professional future, and the opportunity to demonstrate professional competencies and capabilities; and to provide scope to demonstrate initiative and creativity, and take pride in achievement.

Each student is required to undertake a substantial engineering project, normally during their final year of study, and to prepare a formal report describing the work performed and the resulting conclusions and recommendations. The work is planned and carried out under the supervision of a member of academic staff. Both the work and the report must meet professional engineering standards. The project may be in any area of engineering. Students may choose a topic relating to their experience in engineering practice, or an area of interest which they wish to study in detail. Typical projects might take any of the following forms: literature review - a study of the available literature and a state-of-the-art appraisal of an area of engineering;

design - the complete design of a substantial engineering artefact or system; experimental investigation - a comprehensive laboratory investigation or testing program; research and development - original research of a fundamental or applied nature, or development of a new application of a particular technology; computer-based analysis - development or use of computer software to study the behaviour of an engineering solution; project management - planning and management of a substantial engineering project, normally in a workplace, business or community context; combining technical and management skills; impact analysis, planning, system design - study and analysis of an engineering solution in its economic, social and environmental context, integrating the engineering dimension with cross-disciplinary interfaces, and optimising overall system design, normally interactive with other professions.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong Summer session, Hong Kong Winter session, Hong Kong

48012 Capstone Project

12cp

Requisite(s): (48142 Engineering Practice Review 2 OR 144 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 144 credit points of completed study in C10062 Bachelor of Engineering Bachelor of Arts in International Studies Diploma in Engineering Practice OR 144 credit points of completed study in C10063 Bachelor of Engineering Bachelor of Arts in International Studies OR 144 credit points of completed study in C10065 Bachelor of Engineering Bachelor of Business OR 144 credit points of completed study in C10067 Bachelor of Engineering OR 144 credit points of completed study in C10068 Bachelor of Engineering Bachelor of Business Diploma in Engineering Practice OR 144 credit points of completed study in C10073 Bachelor of Engineering Bachelor of Science OR 144 credit points of completed study in C10074 Bachelor of Engineering Bachelor of Science Diploma in Engineering Practice OR 144 credit points of completed study in C10075 Bachelor of Engineering Bachelor of Medical Science OR 144 credit points of completed study in C10076 Bachelor of Engineering Bachelor of Medical Science Diploma in Engineering Practice OR 144 credit points of completed study in C10078 Bachelor of Engineering Bachelor of Biotechnology OR 144 credit points of completed study in C10079 Bachelor of Engineering Bachelor of Biotechnology Diploma in Engineering Practice OR 144 credit points of completed study in C10080 Bachelor of Engineering in Civil Engineering OR 144 credit points of completed study in C10084 Bachelor of Engineering in Electrical Engineering OR 144 credit points of completed study in C10085 Bachelor of Engineering in Computer Systems Engineering OR 144 credit points of completed study in C10086 Bachelor of Engineering in Telecommunications Engineering OR 144 credit points of completed study in C10087 Bachelor of Engineering in Mechanical Engineering OR 144 credit points of completed study in C10088 Bachelor of Engineering in Manufacturing Engineering OR 144 credit points of completed study in C10091 Bachelor of Engineering in Manufacturing Systems Engineering) AND (48260 Engineering Project Management OR 16912 Construction Management 1 Site Management) Undergraduate

Refer to the subject description for 48006 Capstone Project. The difference between the 6-credit-point version 48006 Capstone Project and the 12-credit-point versions of the Capstone Project is that a student is expected to invest at least 150 hours in the former and 300 hours in the latter.

Typical availability

Autumn semester, City campus Spring semester, City campus

48016 Capstone Project Part A

6cn

Requisite(s): [48260 Engineering Project Management OR 16912 Construction Management 1 Site Management) AND (48142c Engineering Practice Review 2 OR 144 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 144 credit points of completed study in C10062 Bachelor of Engineering Bachelor of Arts in International Studies Diploma in Engineering Practice OR 144 credit points of completed study in C10063 Bachelor of Engineering Bachelor of Arts in International Studies OR 144 credit points of completed study in C10065 Bachelor of Engineering Bachelor of Business OR 144 credit points of completed study in C10067 Bachelor of Engineering OR 144 credit points of completed study in C10068 Bachelor of Engineering Bachelor of Business Diploma in Engineering Practice OR 144 credit points of completed study in C10073 Bachelor of Engineering Bachelor of Science OR 144 credit points of completed study in C10074 Bachelor of Engineering Bachelor of Science Diploma in Engineering Practice OR 144 credit points of completed study in C10075 Bachelor of Engineering Bachelor of Medical Science OR 144 credit points of completed study in C10078 Bachelor of Engineering Bachelor of Biotechnology OR 144 credit points of completed study in C10079 Bachelor of Engineering Bachelor of Biotechnology Diploma in Engineering Practice OR 144 credit points of completed study in C10080 Bachelor of Engineering in . Civil Engineering OR 144 credit points of completed study in C10084 Bachelor of Engineering in Electrical Engineering OR 144 credit points of completed study in C10085 Bachelor of Engineering in Computer Systems Engineering OR 144 credit points of completed study in C10086 Bachelor of Engineering in Telecommunications Engineering OR 144 credit points of completed study in C10087 Bachelor of Engineering in Mechanical Engineering OR 144 credit points of completed study in C10088 Bachelor of Engineering in Manufacturing Engineering OR 144 credit points of completed study in C10091 Bachelor of Engineering in Manufacturing Systems Engineering OR 144 credit points of completed study in C10076 Bachelor of Engineering Bachelor of Medical Science Diploma in Engineering Practice) Undergraduate

Refer to the subject description for 48006 Capstone Project (6cp) and 48012 Capstone Project (12cp). This subject is intended for students who wish to undertake a 12cp Capstone Project over two semesters. Such students enrol in this subject (48016) in the first semester and 48026 Capstone Project - Part B in the second semester.

Typical availability

Autumn semester, City campus Spring semester, City campus

48023 Programming Fundamentals

6ср

Undergraduate

This subject provides basic skills in Java programming and software design, with no assumed knowledge of programming. It covers the topics of object-oriented (OO) programming concepts, data flow, control flow, arrays, and the basics of sorting and searching algorithms. The subject teaches and illustrates a design process using a set of design notations and design rules, and shows how to develop a correct, readable and reusable solution from a problem specification.

Typical availability

48024 Applications Programming

6cp

Requisite(s): 48023 Programming Fundamentals OR 31267 Programming Fundamentals OR 31465 Object-oriented Programming

Recommended studies: basic skills in Java programming Undergraduate

This subject teaches students how to design, develop and evaluate software systems to meet predefined quality characteristics of functionality (suitability) and usability (understandability, learnability, operability, compliance). Software solutions are implemented using Java. Concepts, theories and technologies underlying the methods and echniques are introduced and explained as required. Students apply all that they have learned to develop and implement the architecture of a business system.

Typical availability

Autumn semester, City campus Spring semester, City campus

48026 Capstone Project Part B

6ср

Requisite(s): 48016 Capstone Project Part A Undergraduate

Refer to the subject description for 48006 Capstone Project. This subject is intended for students who wish to undertake a 12-credit-point Capstone Project over two semesters. Students enrol in 48016 Capstone Project Part A in the first semester and this subject in the second.

Typical availability

Autumn semester, City campus Spring semester, City campus

48027 Language and Contexts of Australian Engineering

6cp; availability: the Faculty may require students who are identified as needing additional English language preparation to undertake a preparatory English language course. Enrolment is by permission of the Subject Coordinator or nominee

This subject focuses on providing an overview and appreciation of the range of topics relevant to engineering study, and academic strategies for interpreting, planning, organising, researching and presenting written and oral assignments. The subject provides an introduction to the cultural and linguistic factors that affect the academic study of engineering in Australia. It aims to facilitate students' effective participation in university life and provide a foundation for further academic studies. It addresses the cultural and social knowledge and the literacy and oral skills required in critical reading, report writing, tutorial participation, listening, note taking and other aspects relevant to student participation in the study of engineering at UTS.

Typical availability

Autumn semester, City campus Spring semester, City campus

48033 Wireless Sensor Networks: Technology and Applications

6cp

Requisite(s): (31267 Programming Fundamentals OR 31465 Object-oriented Programming OR 31508 Programming Fundamentals OR 31488 Programming Foundations OR 48023 Programming Fundamentals)) OR ((31270 Networking Essentials OR 31467 Networking 1 OR 31516 Networking Fundamentals OR 31486 Data Communications OR 48720 Network Fundamentals OR 48740 Communications Networks)

Wireless sensor networks are distributed systems, in which autonomous devices, sometimes called Motes, collect environmental data (such as location, speed, temperature, humidity and sound level) or, more recently, medical data (such as heart rate, blood oxygen level and pulse rate). The data is collected across the network, aggregated and fed into business applications. Sensor networks are an enabler for very different applications, including environmental monitoring, agricultural monitoring, medical monitoring, habitat monitoring and military surveillance.

48071 Engineering Analytical Modelling

6ср

Undergraduate

This subject builds on students' knowledge of mathematics from the TAFE and polytechnic Diploma. It assumes a knowledge of introductory calculus. It provides students with an understanding and use of numerical methods in the engineering environment. It lays the foundations to enable students to confidently use numerical techniques in subsequent subjects and the work environment.

Topics include: applications of sequences and series; linear algebra; matrices, vectors and determinants; applications of matrices and vectors; vector algebra in 2-space and 3-space; introduction to vector calculus and applications; curve fitting using least squares methods for polynomials, log-linear and log-log relationships; engineering applications of differential equations (first and second order); numerical methods in linear algebra and in the solution of differential equations; graph theory and optimisation; use of the Simplex method; introduction to combinatorial optimisation; probability and statistics including probability theory, permutations and combinations, probability distributions, binomial, Poisson and normal distributions; sampling, confidence intervals and hypothesis testing.

Typical availability

Autumn semester, Hong Kong Spring semester, Hong Kong Summer session, Hong Kong Winter session, Hong Kong Autumn semester, Singapore Spring semester, Singapore Summer session, Singapore Winter session, Singapore

48080 Introduction to Innovation

ср

This subject aims to provide students with an overview of innovation in engineering and technology. Students develop an awareness of the processes of innovation and commercialisation and an understanding of technology life cycles and technological change. Technology management skills are developed through a focus on the scientific concepts, development processes as well as commercial applications for selected technologies. Case studies are used to investigate particular applications, their underlying scientific basis, and the relevant aspects of the commercialisation process from a science and engineering perspective. External speakers with direct experience in the innovation process contribute to this subject.

Typical availability

Spring semester, City campus

48081 Innovation Processes

6ср

Requisite(s): (48080 Introduction to Innovation OR (48240 Design Fundamentals AND (120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering)))

Innovation, or the successful commercialisation of an idea, is an important outcome of many engineering processes. This subject is the final innovation specific subject for the Innovation Engineering major. It brings together the main innovation themes and provides experience in improving the engineering innovation processes. Engineering and technology management methods and tools are introduced and applied during this subject. Students design and complete an individualised innovation project or research task during the semester.

Typical availability

Spring semester, City campus

48100 Professional Practice (BE)

Ocp; availability: Bachelor of Engineering Bachelor of Arts in International Studies, Bachelor of Engineering Bachelor of Business, Bachelor of Engineering, Bachelor of Engineering Bachelor of Science, Bachelor of Engineering Bachelor of Medical Science, Bachelor of Engineering Bachelor of Biotechnology Requisite(s): 126 credit points of completed study in C10067 Bachelor of Engineering OR 126 credit points of completed study in C10063 Bachelor of Engineering Bachelor of Arts in International Studies OR 126 credit points of completed study in C10065 Bachelor of Engineering Bachelor of Business OR 126 credit points of completed study in C10073 Bachelor of Science OR 126 credit points of completed study in C10075 Bachelor of Engineering Bachelor of Medical Science OR 126 credit points of completed study in C10078 Bachelor of Engineering Bachelor of Biotechnology

Engineers Australia requires that all students graduating from accredited professional engineering courses have a minimum of 12 weeks (or equivalent) of professional practice. This subject assesses students' claims to meeting this requirement. It involves the writing of a report demonstrating learning outcomes and reflecting on experience as well as a seminar presentation to share experiences with other students and learn from them. The assessment tasks and the subject are assessed as pass/fail.

Typical availability

Autumn semester, City campus Spring semester, City campus

48110 Engineering Experience 1

Ocp; availability: This subject is only available to students admitted in professional engineering courses which include the Diploma in Engineering Practice

Requisite(s): 48121 Engineering Practice Preview 1 These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Engineering educators, as well as engineering employers, have long recognised the value of integrating practical experience with academic studies. This is a 0-credit-point subject that supports students while they are working in industry or the community for the purpose of gaining experience in the practice of engineering. It provides students with the opportunity to discover engineering workplace culture and to develop their basic technical skills. It is expected that students gain this level of experience early in their academic program. One semester prior to undertaking the experience students must enrol in 48121 Engineering Practice Preview 1.

Each student's experience is unique. Employer or host organisations are not expected to provide formal training although some may choose to do so. Instead students are required to become active learners and seek opportunities to fulfil the objectives of this experience module. Students are assisted in this process through engineering core and fields of practice subjects and specifically through the Engineering Practice Review subject.

Typical availability

Autumn semester, City campus Spring semester, City campus

48120 Review of Engineering Practice 1

6cp Engineering Practice Undergraduate

This subject has been introduced for the purpose of assisting students who commenced before 1998 in the Bachelor of Engineering course and wish to transfer to the BE DipEngPrac. It is a substitute for the first internships and the associated preview and review subjects. Students who have completed 44 weeks of industrial experience under the old course can apply for an exemption in this subject as a means of simplifying the transfer to the BE DipEngPrac. This subject is also relevant for new students starting the engineering degree at UTS with significant work experience. These students may apply for an exemption. By completing this subject, students accelerate their progress in the DipEngPrac.

Typical availability

Autumn semester, City campus Spring semester, City campus

48121 Engineering Practice Preview 1

3cn

Requisite(s): (48230c Engineering Communication AND (1 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 1 credit points of completed study in C10062 Bachelor of Engineering Bachelor of Arts in International Studies Diploma in Engineering Practice OR 1 credit points of completed study in C10063 Bachelor of Engineering Bachelor of Arts in International Studies OR 1 credit points of completed study in C10065 Bachelor of Engineering Bachelor of Business OR 1 credit points of completed study in C10067 Bachelor of Engineering OR 1 credit points of completed study in C10068 Bachelor of Engineering Bachelor of Business Diploma in Engineering Practice OR 1 credit points of completed study in C10073 Bachelor of Engineering Bachelor of Science OR 1 credit points of completed study in C10074 Bachelor of Engineering Bachelor of Science Diploma in Engineering Practice OR 1 credit points of completed study in C10075 Bachelor of Engineering Bachelor of Medical Science OR 1 credit points of completed study in C10076 Bachelor of Engineering Bachelor of Medical Science Diploma in Engineering Practice OR 1 credit points of completed study in C10078 Bachelor of Engineering Bachelor of Biotechnology OR 1 credit points of completed study in C10079 Bachelor of Engineering Bachelor of Biotechnology Diploma in Engineering Practice))

Engineering Practice Undergraduate

This subject helps initiate students to the engineering workplace by guiding them through the employment process, developing the communication and documentation skills appropriate to engineering practice, showing them how to learn through experience, exploring the nature and culture of the workplace, introducing ethical and social issues, and helping them to plan for their own personal and professional development. Students negotiate their learning options from a range of compulsory and optional topics including ethics and social responsibility, industrial relations, occupational health and safety, and the culture of engineering. Some tasks include personal rsum, job application letters, employment interviewing, learning style assessment, ethics case study, and industrial relations case study.

Assessment is essentially formative to assist students in achieving an acceptable level. However, students are not able to undertake the engineering experience first internship until they have passed all the compulsory components of this subject.

Typical availability

Autumn semester, City campus Spring semester, City campus

48122 Engineering Practice Review 1

Зср

Requisite(s): 48110 Engineering Experience 1

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Engineering Practice Undergraduate

Engineering Practice Review 1 guides students through a process of thoughtful reflection and review of their engineering practice. Workplace issues are examined and students are assisted in developing appropriate professional strategies. Students identify the technical and professional advancement that has occurred as a consequence of their experience, and integrate these new ideas with their existing knowledge frameworks. This learning is documented for peer and professional review.

Since each student's work experience is unique, all students benefit from sharing and discussing their experiences. However, this subject assists all students to receive a firm grounding in the fundamentals of engineering workplace practice, including the nature and culture of the engineering workplace, the employment process, ethics and social responsibility, communication and documentation, the application of engineering method, occupational health and safety, industrial relations, and personal and professional development.

Typical availability

Autumn semester, City campus Spring semester, City campus

48130 Engineering Experience 2

Ocp; availability: This subject is only available to students admitted in professional engineering courses which include the Diploma in Engineering Practice

Requisite(s): 48141 Engineering Practice Preview 2 AND 129 credit points of completed study

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This is a 0-credit-point subject that supports students while they are working in industry or the community for the purpose of gaining experience in the practice of engineering. It expects that students are advanced in their academic studies and working closely with engineering professionals in order to extend their understanding of the practice of professional engineering and to apply, test and further develop their technical skills. One semester prior to undertaking the experience, students must enrol in 48141 Engineering Practice Preview 2.

Each student's experience is unique. Employer or host organisations are not expected to provide formal training although some may choose to do so. Instead students are required to become active learners and seek opportunities to fulfil the objectives of this experience module. Students are assisted in this process through engineering core and fields of practice subjects and specificially through the associated Engineering Practice Review subject.

Typical availability

Autumn semester, City campus Spring semester, City campus

48140 Review of Engineering Practice 2

6cp Engineering Practice Undergraduate

This is a transition subject that has been introduced for the purpose of assisting students who commenced before 1998 in the BE course and who have transferred to the BE DipEngPrac. It is used with the permission of the program head of the Engineering Practice Program where the normal process of enrolling in the second internship and associated preview and review subjects would unreasonably delay graduation.

Typical availability

Autumn semester, City campus Spring semester, City campus

48141 Engineering Practice Preview 2

Зср

Requisite(s): 48122 Engineering Practice Review 1 OR 48120 Review of Engineering Practice 1

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

conditions. Undergraduate

This subject helps students to develop as professional engineers by refining employment-related processes, developing the communication and documentation skills appropriate to professional engineering practice, exploring issues of organisational management and commercial practice, examining ethical and social issues, applying theory in practice and developing strategies for continuing professional development. A key competency in this subject is the ability to meet specifications to a deadline.

Students are offered learning options from a range of compulsory and optional topics including the nature and culture of professional engineering, the professional employment process, engineering in a global social context, organisational behaviour, management and commercial practice, industrial relations and human resource issues, communication and documentation, leadership and teamwork, occupational health and safety, ethics and social responsibility, experiential learning and knowledge creation, and personal and professional development. In addition they consider the development of professional competencies as required by the Institution of Engineers, Australia.

Typical availability

Autumn semester, City campus Spring semester, City campus

48142 Engineering Practice Review 2

3cr

Requisite(s): 48130 Engineering Experience 2 AND 48141 Engineering Practice Preview 2

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

Engineering Practice Review 2 helps students to develop as professional engineers by reflecting on their workplace practice and documenting their learning for peer and professional review.

Since each student's work experience is unique, all students benefit from sharing and discussing their experiences. However, this subject assists all students to appreciate the dimensions of professional engineering workplace practice, including: engineering in a global environment, organisational behaviour, commercial practice, industrial relations and human resource issues, ethics and social responsibility, communication and documentation, the extension and application of engineering knowledge, occupational health and safety, industrial relations, and personal and professional development and recognition.

Typical availability

Autumn semester, City campus Spring semester, City campus

48210 Interrogating Technology: Sustainability, Environment and Social Change

6cr

Requisite(s): 48250 Engineering Economics and Finance OR 25115 Economics for Business

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject focuses on developing engineering students' approaches to understanding the interactions between engineering and society from a philosophical, sociological and political perspective. The subject introduces students to theoretical frameworks and research tools for researching these interactions. Topical case studies of new technologies and engineering projects are examined to ground the learning in students engineering contexts.

48211 Review of External Course

2cp

The subject description is available from UTS: Engineering.

Typical availability

Autumn semester, City campus Spring semester, City campus

48221 Engineering Computations

6cr

Requisite(s): 33130 Mathematical Modelling 1 Core

Undergraduate

This subject has the same objectives as 48023 Programming Fundamentals but uses the language Visual Basic as the vehicle for developing student knowledge and understanding.

Typical availability

48230 Engineering Communication

6cp; 3hpw (tutorial), 1hr lecture in weeks 1,2 and 14 Core

Undergraduate

Engineering Communication aims to develop communication skills in an engineering workplace setting. Some of these include understanding basic principles and theories of human communication; researching within the various discipline areas that inform the study of communication; write competently in a number of different genres; performing competently in a variety of oral communication situations; understanding basic principles and practices of graphic communication; expressing engineering concepts through graphical communication; 'conversing' mathematically; leading and participating in group processes; and appreciating the central role of communication in engineering practice.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong Summer session, Hong Kong Winter session, Hong Kong Autumn semester, Singapore Spring semester, Singapore Summer session, Singapore Winter session, Singapore

48240 Design Fundamentals

601

Requisite(s): 33130 Mathematical Modelling 1 AND 48230 Engineering Communication

Design is explored as a fundamental engineering activity, applying the scientific principles learned in field of practice subjects to the solution of contextual problems. Students examine models of the design process and critique designed products, processes and systems. They define and formulate problems using creative and analytical processes. The responsibilities of engineers for assessing and managing different types of risk are explored, and safe design, ethics and intellectual property are also discussed.

Topics addressed include:

- design context and requirements approaches to design, problem framing and creativity; requirements analysis involving legal, regulatory, technical and business requirements; designing for sustainability, safety, innovation and intellectural property outcomes; risk management and design communication, documentation and review.
- design analysis concepts of risks and uncertainties in engineering; use of engineering and system modelling approaches and methods and fundamental statistical techniques used in engineering modelling.
- design synthesis engineering decision-making in the presence of risks and uncertainties and optimisation.

Typical availability

Autumn semester, City campus Spring semester, City campus

48250 Engineering Economics and Finance

6cp

Requisite(s): 48230 Engineering Communication AND 48240 Design Fundamentals

Core

Undergraduate

The objectives of this subject are to provide engineering students with an understanding of and the capacity to deal with workplace concerns and the business side of engineering, and to provide them with an awareness of the language of accounting and engineering economy. The themes addressed in this subjects include:

 The economic context: the creation of wealth; a description of the sectors in the economy, the circulation of money and goods, the system of national accounts, current account deficit, the budget, economics of international trade.

- Engineering economy: discounted cash flow analysis, cash flow diagrams, interest, time value of money, net present value calculations, rates of return, project costing methods (cost estimating), etc.
- Cost-benefit analysis: cost-benefit analyses taking intangibles into account; types of intangibles and costing methods, and shadow pricing.
- Financial accounting: balance sheets and profit and loss statements, cash flow statements, and performance ratios.
- Management accounting: cost categories, break even analysis, contribution margin calculations, budgets.
- Engineering and sustainability: the relationships between engineering practice, economics and sustainability.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong Summer session, Hong Kong Winter session, Hong Kong Autumn semester, Singapore Spring semester, Singapore Summer session, Singapore Winter session, Singapore

48260 Engineering Project Management

6cn

Requisite(s): (((48122 Engineering Practice Review 1 OR 48120 Review of Engineering Practice 1) OR ((96 credit points of completed study in C10063 Bachelor of Engineering Bachelor of Arts in International Studies OR 96 credit points of completed study in C10065 Bachelor of Engineering Bachelor of Business OR 96 credit points of completed study in C10066 Bachelor of Engineering Science OR 96 credit points of completed study in C10067 Bachelor of Engineering OR 96 credit points of completed study in C10073 Bachelor of Engineering Bachelor of Science OR 96 credit points of completed study in C10075 Bachelor of Engineering Bachelor of Medical Science OR 96 credit points of completed study in C10078 Bachelor of Engineering Bachelor of Biotechnology OR 96 credit points of completed study in C10080 Bachelor of Engineering in Civil Engineering OR 96 credit points of completed study in C10084 Bachelor of Engineering in Electrical Engineering OR 96 credit points of completed study in C10085 Bachelor of Engineering in Computer Systems Engineering OR 96 credit points of completed study in C10086 Bachelor of Engineering in Telecommunications Engineering OR 96 credit points of completed study in C10087 Bachelor of Engineering in Mechanical Engineering OR 96 credit points of completed study in C10088 Bachelor of Engineering in Manufacturing Engineering OR 96 credit points of completed study in C10091 Bachelor of Engineering in Manufacturing Systems Engineering))) AND 48240 Design Fundamentals

This subject adopts a holistic view of project management, considering issues throughout a project lifecycle. It considers the legal, contractual and managerial responsibilities of engineering managers and organisations, from the definition phase of a project until the project reaches its conclusion. The perspective of stakeholders, particularly the project manager, are considered. The emphasis is interdisciplinary, of relevance to all fields of engineering.

Topics addressed include: modern project management practices; organisational strategy, structures and culture; project delivery; definition, timing, costing, planning; managing risk and scheduling resources; project leadership, teams and interoganisational relationships; project management contract law; conflict resolution, progess and performance and project measurement, evaluation, audits and closure.

Typical availability

48270 Entrepreneurship and Commercialisation

6ср

Requisite(s): (120 credit points of completed study C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study C10062 Bachelor of Engineering Bachelor of Arts in International Studies Diploma in Engineering Practice OR 120 credit points of completed study C10063 Bachelor of Engineering Bachelor of Arts in International Studies OR 120 credit points of completed study C10065 Bachelor of Engineering Bachelor of Business OR 120 credit points of completed study C10066 Bachelor of Engineering Science OR 120 credit points of completed study C10067 Bachelor of Engineering OR 120 credit points of completed study C10068 Bachelor of Engineering Bachelor of Business Diploma in Engineering Practice OR 120 credit points of completed study C10073 Bachelor of Engineering Bachelor of Science OR 120 credit points of completed study C10074 Bachelor of Engineering Bachelor of Science Diploma in Engineering Practice OR 120 credit points of completed study C10075 Bachelor of Engineering Bachelor of Medical Science OR 120 credit points of completed study C10076 Bachelor of Engineering Bachelor of Medical Science Diploma in Engineering Practice OR 120 credit points of completed study C10078 Bachelor of Engineering Bachelor of Biotechnology OR 120 credit points of completed study C10079 Bachelor of Engineering Bachelor of Biotechnology Diploma in Engineering Practice OR 120 credit points of completed study C10080 Bachelor of Engineering in Civil Engineering OR 120 credit points of completed study C10084 Bachelor of Engineering in Electrical Engineering OR 120 credit points of completed study C10085 Bachelor of Engineering in Computer Systems Engineering OR 120 credit points of completed study C10086 Bachelor of Engineering in Telecommunications Engineering OR 120 credit points of completed study C10087 Bachelor of Engineering in Mechanical Engineering OR 120 credit points of completed study C10088 Bachelor of Engineering in Manufacturing Engineering OR 120 credit points of completed study C10091 Bachelor of Engineering in Manufacturing Systems Engineering)) OR ((96 credit points of completed study in C10143 Bachelor of Information Technology OR 96 credit points of completed study in C10148 Bachelor of Science in Information Technology OR 96 credit points of completed study in C10152 Bachelor of Science in Information Technology Diploma in Information Technology Professional Practice OR 96 credit points of completed study in C10229 Bachelor of Science in Games Development)

These requisites may not apply to students in certain courses. See access conditions.

Advances in technology and technology-based businesses are a fundamental and increasing component of the sustainable economic wellbeing of developed nations. Engineering and science are the disciplines that underwrite technology advances, most of which occur within small businesses and new ventures. This subject develops students' understanding of the various roles within an enterprise, and enhances their ability to function effectively in a business environment - with a particular focus on the challenges posed by new ventures and small businesses. A technology feasibility framework is used to present topics such as marketing, sales, negotiation, service, financial manager, market research and organisational leadership. This is an intensive subject with strong practical orientation, using contemporary case studies to broaden students' perspectives and demonstrate the application of the concepts covered.

Topics addressed include: introduction to entrepreneurship and innovation;introduction to strategy; research and analysis tools scanning the environment; evaluation of societal, technological, political and financial considerations; intellectual property protection; customers and marketing and opportunity analysis and business planning.

Typical availability

Autumn semester, City campus Spring semester, City campus

48271 Aerospace Operations: Overview of the Aviation Industry

6ср

This is the first subject in the Aerospace Operations major. It provides an overview of aerospace operations in the aviation industry. Aerospace operations are not seen as unique but as a particular example of a transport system which operates in a commercial, economic and regulatory environment.

Topics include: defining the aerospace industry; what is meant by aerospace operations; historical evolution of air transport with trends in transport aircraft design; fuels; supersonic transport; travel away from earth; energy and materials as key factors; aspects of management and business practice; and an introduction to strategic planning applied at the company and national levels in the context of technological change.

Typical availability

Autumn semester, Singapore Spring semester, Singapore Summer session, Singapore Winter session, Singapore

48272 Airline Operations

6cp

This is the second subject in the Aerospace Operations major. It provides students with skills and understanding in various aspects of flight and ground operations, and the opportunity to analyse system and aircraft performance, and to plan aerospace operations. These activities are central to the overall objectives of the course, and facilitate understanding required of professionals in the industry.

Typical availability

Autumn semester, Singapore Spring semester, Singapore Summer session, Singapore Winter session, Singapore

48273 Managing Aerospace Processes

6cp

This subject provides students with a global view of aerospace operations and allows them to contribute to aerospace operations through integration of material covered throughout the course. The subject considers aerospace as an integral part of the total transport system, aviation law and regulations, and systems engineering theory as it applies to aerospace operations.

This subject also integrates material from other elements of the course to give an overview of aerospace operations. The view in this subject is that aerospace operations are not unique, but a particular example of a transport system which operates in a commercial, economic and regulatory environment.

Typical availability

Autumn semester, Singapore Spring semester, Singapore Summer session, Singapore Winter session, Singapore

48274 Aerospace Design Processes

6ср

This subject provides students with an understanding and appreciation of the design process in general, with particular reference to the aerospace industry. Engineering technologists are primarily concerned with the management of technology. Students must, however, be aware of the design process and the constraints and compromises involved, and this subject gives them that awareness. Topics include: the principles of design; design philosophies; design practice; design for strength; mechanical element design; introduction to FEA and CFD; concurrent engineering; design for maintainability; and aircraft design philosophies and implications, including basic aircraft strength, systems analysis and materials applications.

Typical availability

Autumn semester, Singapore Spring semester, Singapore Summer session, Singapore Winter session, Singapore

48310 Introduction to Civil and Environmental Engineering

6cp

Fields of practice: Civil Engineering program

Undergraduate

The objectives of this subject are to ensure a general understanding of the role of the civil engineer in the provision of basic infrastructure necessary to support the development and maintenance of urban and rural settlement; to provide a sound foundation for further education in the processes of design, construction, operation and maintenance of community infrastructure; to ensure an understanding of the need to develop the necessary individual and multidisciplinary skills in civil engineering project analysis and development; and to develop effective verbal and written communication skills.

Lecture content includes civil engineering and the environment, orthographic and isometric drawings and AutoCAD drawing, loads and deflection, uses and behaviour of construction material (concrete and steel), building dynamics, soils and civil engineering, soil retention structures, road and traffic engineering and water engineering.

Typical availability

Autumn semester, City campus Spring semester, City campus

48320 Surveying

6cp

Fields of practice: Civil Engineering program

Undergraduate

The objectives of this subject are to enable students to: become competent in the theory and practice of basic surveying skills; be able to use basic surveying equipment such as levels and theodolites and perform the calculations and reductions of observations associated with such equipment; be aware of the likely errors that may occur during observations and of methods to eliminate or minimise such errors; be competent in making distance measurements accurately over short distances using tapes and wires and be aware of the advantages of modern developments in this field such as Electronic Distance-measuring Equipment; be able to perform a simple traverse and associated calculations to find the misclose and proportional accuracy, and the bearing and distance of one missing line; understand and be able to perform relevant calculations for the engineering applications of surveying (horizontal curves, vertical curves, and areas and volumes); and be aware of field techniques used to enable preparation of a detail and contour plan. The stadia method is discussed in class and is used as a data-gathering tool in a practical exercise. The applications of modern computer programs to reduce data for and the plotting of detail and contour plans are introduced. Services of professional surveyors are explained, as are engineering situations where surveyors must be engaged.

Topics include: use of equipment such as levels, theodolites and tapes and wires; calculations related to this equipment, as well as traversing, horizontal curve setting out, design of vertical curves, areas and volumes and stadia and contouring; modern developments in surveying; and the role of the professional surveyor.

Typical availability

Autumn semester, City campus Spring semester, City campus

48321 Engineering Mechanics

6ср

Requisite(s): 33130c Mathematical Modelling 1 AND 68037c

Physical Modelling

Fields of practice: Civil Engineering program

Undergraduate

The subject aims to assist students to acquire a fundamental understanding of static equilibrium concepts commonly used in analysis and design of engineered structures. It also aims to develop their skills to analyse simple structures such as statically determinate beams and trusses subjected to various loading and support conditions. On completion of this subject, students should be able to apply static equilibrium conditions as tools to analyse simple structures, and have developed an appreciation of design in civil engineering. The principles developed in this subject form the basis of structural analysis and design. It introduces students to the fundamental aspects that are a basis for subsequent fields of dynamics in civil engineering such as fluid mechanics, hydraulics and road design.

Typical availability

Autumn semester, City campus Spring semester, City campus

First-year experience videos

View commentary from students and academics about this first-year subject at:

- Student video: www.youtube.com/user/utschannel#p/u/14/ l7MqpUlETvg
- Academic video: www.youtube.com/user/utschannel#p/u/24/ wLZ8CMS9bmU

48330 Soil Behaviour

6cp

Requisite(s): 48331c Mechanics of Solids Fields of practice: Civil Engineering program

Undergraduate

The objective of this subject is to give a broad-based introduction to the geosciences and a more rigorous introduction to soil as an engineering material. The subject concludes with a detailed study of the problems of soil settlement and soil shear strength. At the completion of the subject students should: be familiar with the natural processes occurring on the surface of the earth; be able to communicate with geologists, earth scientists and others involved in studying the ground; understand the fundamentals of the behaviour of soil as an engineering material; be aware of those aspects of soil behaviour which have a significant environmental impact; be able to solve a range of soil-related problems, especially those involving water flow and soil settlement; and have a solid basis for further formal study and self-study in the geotechnical area. Topics include introduction to soil engineering - typical problems, the engineer's role; geological fundamentals - classification, composition and structure of rock, engineering properties; geomorphology - soil formation, landforms; nature of soil - particulate nature, classification, clay mineralogy; introduction to soil mechanics - overview, state of vertical stress, effective stress; water in soil - groundwater, seepage and permeability; soil environmental impacts - problems, environmental behavioural aspects and properties; settlement of soils - settlement theory, consolidation testing, 1D settlement estimation, elastic deformations, rate of settlement; and soil shear strength - Mohr Coulomb failure law, strength testing, drained and undrained strength.

Typical availability

Autumn semester, City campus Spring semester, City campus

48331 Mechanics of Solids

6cn

Requisite(s): 48321 Engineering Mechanics OR 48620 Fundamentals of Mechanical Engineering

Fields of practice: Civil Engineering program

Undergraduate

The objectives of this subject are to enable students to: acquire fundamental understanding of the behaviour of structural components commonly used in engineered structures and machines; develop skills to help them model and analyse the behaviour of structural and machine components subjected to various loading and support conditions based on principles of equilibrium and material constitutional relationships.

Content includes: pure bending of beams - flexural stress and strain, calculation of beam loads; shear flow and shear stresses in beams distribution of shear stresses in beam sections, forces and stresses in shear connectors; composite beams - composite short columns; slope and deflection of simple beams; column buckling - Euler's equation, end conditions and effective length, combined axial and bending stresses for short columns; torsion of circular shafts, thinwalled closed sections and solid rectangular sections; transformation of plane stresses - Mohr's circle of plane stresses, principal stresses and planes; inelastic bending - stress resultants, yield moment and ultimate moment capacity of elastoplastic sections, elastic and plastic section modulus, plastic hinges; product of inertia, principal axes and principal moments of inertia; unsymmetric bending; combined stresses due to axial force, shear force, bending moments and twisting moment; shear centre; transformation of plane strains - measurement of strains, strain rosette, relationship between elastic modulus, shear modulus and Poisson's ratio.

Typical availability

Autumn semester, City campus Spring semester, City campus

48340 Construction

6cp; 4hpw, on campus, weekly Requisite(s): 48310 Introduction to Civil and Environmental Engineering Fields of practice: Civil Engineering program Undergraduate

The objective of this subject is to give a broad-based introduction to the construction industry and to emphasise the technical and managerial skills needed by engineering professionals working in this area. Much of the value and strength of the subject relates to the development of an understanding that a leadership role in engineering construction projects requires a holistic approach that blends technical skill, logical reasoning, judgment and managing activities and people. The construction industry requires all of these aspects to be constantly applied to a myriad of issues both large and small.

Typical availability

Spring semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong Summer session, Hong Kong Winter session, Hong Kong

48342 Structural Behaviour and Design

6ср

Requisite(s): 48331 Mechanics of Solids AND 48352c Construction Materials

All engineers who wish to practise as civil engineers in Australia must have knowledge of structural behaviour and design, including design to the relevant Australian Standards. However, practitioners in some of the fields in the broad range of civil engineering do not undertake detailed structural design or are involved in the construction of structures. These civil engineers do not require the depth involved in the detail of structural design (assessment of loads, structural analysis, structural behaviour of different structural materials and the design requirements for different structural materials, in accordance with the relevant Australian Standards). This subject introduces students in certain streams of the civil engineering offerings - civil and environmental, civil/water - to the fundamentals of structural behaviour and design of reinforced concrete, structural steel and timber elements. This builds on the knowledge and competence already achieved on the structural analysis of statically determinate structures, internal actions induced by applied loads (axial force, shear force and bending moment) and the response of elements to these internal actions, such as strain and stress distributions across cross-sections. The detail and depth of this subject does not allow the students to attain a sufficient competence to undertake the structural analysis and basic design of anything more complex than simple structural components. The students should achieve sufficient understanding of structural behaviour and design to be able to recognise the basic structural implications that are reflected in the design and construction of structures that they may encounter in their careers as civil engineers in their particular field away from structural engineering. The topics to be covered include Limit State Design philosophy, loads (G, Q, W) and load tributary areas, material design properties of reinforced concrete, structural steel and timber, method of moment distribution for structural analysis for continuous beams, behaviour and design of flexural members for strength (moment and shear) and serviceability (deflection) in reinforced concrete, steel and timber, of tensile members in steel and timber and of columns and beam-columns in reinforced concrete, steel and timber.

48349 Structural Analysis

6ср

Requisite(s): 48331 Mechanics of Solids AND 33230 Mathematical Modelling 2

Fields of practice: Civil Engineering program

Undergraduate

This subject covers methods and concepts which are fundamental to the analysis of linear elastic structural frameworks. Students learn how load bearing structures respond to the actions of directly applied loads as well as environmental effects such as temperature and foundation settlements. Topics covered include: computing deformations in plane

frames using the principle of virtual work; the analysis of statically indeterminate structures using both, the force method as well as the method of moment distribution; and how to establish influence lines and how to use them in finding maximum load effects. A brief introduction to non-linear analysis of structures is also given.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong

48350 Environmental and Sanitation Engineering

6cr

Requisite(s): 60101 Chemistry and Materials Science OR 65111

Chemistry 1

Fields of practice: Civil Engineering program

Undergraduate

This subject introduces civil engineering students to basic environmental concepts and the environmental consequences of typical engineering activities. It applies material learnt in 48210 Interrogating Technology: Sustainability, Environment and Social Change and 60101 Chemistry and Materials Science to real-life situations encountered during planning, designing and implementing civil engineering projects. The subject helps students: develop an awareness of environmental issues; understand the implication of certain processes such as construction within a natural system and to become familiar with both preventive and management strategies to minimise air, water, soil and noise pollution; become familiar with the main aspects of environmental legislation; and understand concepts and design of water pollution control mechanisms.

The main topics are environmental issues and their importance; pollution due to man-made activities, their types and their effect on natural ecosystems; an introduction to local and global environmental problems; environmental legislation and the importance of conducting environmental impact assessment; problems of waste generation and principles of landfill management; generation and management of toxic wastes; contaminated sites and their remediation; concepts of water pollution control; design of water and wastewater treatment works; and project case studies emphasising environmental issues.

Typical availability

Spring semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong Summer session, Hong Kong Winter session, Hong Kong

48352 Construction Materials

6cp

Requisite(s): ((60101 Chemistry and Materials Science OR 65111

Chemistry 1) AND 33230 Mathematical Modelling 2) Fields of practice: Civil Engineering program

Undergraduate

Civil engineering embodies professionals who design, construct, maintain, inspect and manage public work projects. The common materials used in civil engineering applications or in construction are timber, concrete, bitumen, masonry, and reinforcing and structural steel. It is essential for civil engineers to have a basic understanding of these construction materials, in relation to their production, properties, testing and application. The main objectives of this subject are to help students acquire fundamental knowledge on the production, physical and engineering properties of construction materials; understand the effects of environments on the properties and performance of these materials; familiarise themselves with the relevant Australian and other specifications and standards, in relation to the requirements and testing methods and interpretation of test results; improve analytical and communication skills by presenting test reports; select material in relation to specified requirements; and develop awareness of the use of waste materials in construction.

Topics include: requirements, selection and standards of construction materials; steel - production, forms, grades, mechanical properties and testing; road making materials - production, properties and testing; cement and other binders - production, types, composition, properties and testing; waste materials for construction - fly ash, recycled concrete, slag, and others; aggregate - classification, properties and testing; admixtures - types and effects on concrete properties; concrete

- uses, mix design, properties and testing of fresh and hardened concrete; masonry units, mortar, grout and plaster and environmental degradation of construction materials including fire attack.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong Summer session, Hong Kong Winter session, Hong Kong

48353 Concrete Design

Requisite(s): 48349 Structural Analysis AND 48352c Construction Materials

All engineers who wish to practise as civil engineers in Australia must have knowledge of structural design, including the behaviour and design of reinforced concrete (RC) and, to a lesser extent, of prestressed concrete (PSC) elements as parts of overall structures. This subject builds on the knowledge of statics, solid mechanics and structural analysis of indeterminate structures that the students have learnt in the previous structural strand subjects.

Students learn about the behaviour and design of RC beams, slabs and columns and PSC beams, for both serviceability and strength. Initially, the students are introduced to the Limit State Design philosophy of Australian Standards for structural design and to the material properties of concrete, reinforcement and prestressing steel used for design.

RC topics include uncracked section analysis of beams, cracked section analysis of beams (linear-elastic, Desayi-Krishnan, ultimate) for strength and design for strength to AS3600, serviceability design of beams, ductility of singly and doubly reinforced sections, design for shear, T-beams, approximate analysis and design of one-way, two-way slabs and flat slabs/plates, columns (interaction diagrams and slenderness effects), pad footings, cantilever retaining walls and reinforcement detailing.

PSC beam topics include history, uncracked section analysis, equivalent loads, load-balancing, cracked section analysis (linearelastic and ultimate), design for bending, shear, transfer, anchorage.

48359 Structural Design 1

6cp

Requisite(s): 48349 Structural Analysis AND 48352c Construction Materials

Fields of practice: Civil Engineering program

Undergraduate

All engineers who wish to practice as civil engineers in Australia must have a competent knowledge of structural design to the relevant current Australian Standards, and a competent knowledge of structural analysis to allow the design to be done. Structural analysis is an integral part of the structural design process because it allows engineers to model the behaviour of structures under load and to determine the design actions induced by the applied loads. The prior structural subjects that students have completed have introduced them to statics, solid mechanics, simple aspects of the (structural) design process, the structural behaviours of materials (in the corequisite subject) and methods of structural analysis. Structural design then builds on prior fundamental knowledge of material properties and structural analysis and allows the engineer to design a safe and economical structure complying with the requirements of the relevant Australian Standards, based on his or her knowledge of and experience in structural behaviour.

Students learn about structural behaviour and become competent in the structural design of reinforced concrete elements (beams, slabs and columns) and of timber elements (beams, columns, tension members, beam-columns and bolted and nailed connections) in accordance with the relevant Australian Standards. The competence gained in structural analysis assists students in gaining experience and competence in the structural design of these structural components.

Topics include: reinforced concrete - introduction to reinforced concrete behaviour, uncracked and cracked section analyses, linear elastic and ultimate behaviour in beams, serviceability of beams and ultimate strength design for moment and shear in beams, one-way, two-way and flat slab analysis and design, punching shear, column design (stocky and slender) and reinforcement detailing; timber introduction to timber behaviour, material properties and supply,

design of tension and compression members, design for moment, shear, bearing and deflection in beams, design for combined actions, design of nailed and bolted Type 1 connections and durability-based design.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong Summer session, Hong Kong Winter session, Hong Kong

48360 Geotechnical Engineering

Requisite(s): 48330 Soil Behaviour Fields of practice: Civil Engineering program Undergraduate

The aim of this subject is to develop students' technical competence in the analysis of soil masses and of structures associated with the soil. $The analysis \ of footings, retaining \ walls \ and \ soil \ slopes \ are \ examples.$ By completing this subject, students should be able to understand the concept of failure in soil and apply it to the analysis of soil masses; critically appraise a problem in order to decide which particular analysis should be used; identify the limitations of their analyses and carry out appropriate solution validation; be responsible for the analysis component of a design team; study the relevant literature and learn to apply new or more complex methods of analysis; and carry out fieldwork in association with subsurface investigations. Topics include introduction to geotechnical design - criteria, codes, engineering judgment; site investigation - planning, fieldwork, techniques; shallow foundations - types, bearing capacity theories, retaining structures; earth pressure theories - Rankine and Coulomb, analysis of gravity walls, cantilever walls, braced excavations; deep foundations - types, load-carrying capacity, settlement, group behaviour, lateral loading; slope stability - failure mechanisms, infinite slopes, rotational failure, remedial measures; and soil improvement compaction, soil stabilisation, dewatering, preloading.

Typical availability

Autumn semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong Summer session, Hong Kong Winter session, Hong Kong

48362 Hydraulics and Hydrology

6cp; 6hpw, on campus, weekly Requisite(s): 48641 Fluid Mechanics Fields of practice: Civil Engineering program Undergraduate

The objective of this subject is to give students a knowledge of open channel hydraulics and hydrology, leading to understanding of the scientific foundations and basic principles of these fields, and the ability to apply hydraulic and hydrological methods to engineering applications in an integrated way. Knowledge of fluid mechanics is consolidated and problem-solving skills in dealing with water engineering tasks are acquired.

Topics include: open channel hydraulics - types of flow (e.g. steady, uniform), friction equations, rapidly-varied flow, continuity, energy and momentum conservation, gradually varied flow, water surface profiles, software packages, hydraulic structures (channel appurtenances, culverts, bridge waterways); hydrology - the hydrological cycle, water balances, meteorology and climatology, data collection, statistics, hydrological models, design rainfalls, rainfallrunoff processes, flood estimation models and procedures, software packages, yield analysis, groundwater, environmental hydrology; and integration of hydraulics and hydrology case studies.

Typical availability

Autumn semester, City campus Spring semester, City campus Spring semester, Hong Kong Summer session, Hong Kong Winter session, Hong Kong

48364 Materials Testing

6cp

Requisite(s): 48331 Mechanics of Solids

Construction materials used by engineers, independent of their disciplines, vary significantly in their compositions, properties and service performance. Failure of these materials to function effectively in service conditions may lead to extensive damage to components, equipment and structures. In many cases, with the failure of the materials, public safety is also affected. It is important for the engineers to have sound knowledge on the construction materials used in relation to their specification, testing methods, analysis and interpretation of test results. Material testing experience is needed to familiarise test methods and the use of modern equipment. In addition, it provides a practical understanding of design concepts such as stress, strain, strength, stiffness, failure, durability, etc. This subject provides an in-depth knowledge and understanding of test methods for civil engineering materials and recognises the applications and limitation of the testing techniques. This subject is designed to provide opportunity to understand a variety of testing techniques used to evaluate the properties of materials. Techniques include destructive testing, nondestructive testing, durability testing, thermal analysis and scanning electron microscopy, etc. Principles of the techniques, data analysis and applications of the techniques to engineering problems such as failure analysis and phase transformations are studied. After successfully completing this subject, students are able to: (i) discuss the principles of a variety of standard and non-standard testing techniques used to assess materials; (ii) explain the applications and limitations of these techniques; (iii) demonstrate a basic level of proficiency in the use of selected testing methods; (iv) select appropriate techniques to assess engineering materials or investigate problems; and (v) present the test results confidently and in a professional manner.

48365 Materials Performance

6cp

Requisite(s): 48366 Steel and Timber Design AND 48364 Materials Testing AND 48353c Concrete Design

This subject develops an understanding of the performance of civil engineering materials in relation to their material properties and manufacture processes. It is essential for civil engineers to appreciate the variations and limitations of the performance of civil engineering materials. These materials are dictated by the structure-property relationships based on microstructural and molecular phase morphologies which in turn affect the macroscopic engineering properties, and especially their application to design and construction applications.

Topics covered include: engineering materials such as metals (including steel, aluminium, titanium), ceramic and glasses, polymers, composites and nanomaterials with a main focus on metals. This subject describes the material science principles required for a fundamental understanding of engineering materials and related processes, including in-service durability. After the basic physical and mechanical properties of these materials on both the microstructural and the structural scale are presented (encompassing composition of the materials, phase transformations and mechanical properties), the emphasis is on the performance of the materials in civil engineering design and construction applications. The concepts of material failure, including fracture, fatigue and creep, are introduced. The corrosion and degradation of materials exposed to environmental conditions are presented. There is a strong emphasis on relating the materials science principles to applications of interest in civil and environmental engineering, thereby illustrating the importance of fundamental theoretical knowledge in everyday processes and applications. The manufacturing and engineering application of selected construction materials, including steel, aluminium, concrete and bricks, is introduced and integrated with the fundamental concepts described above.

48366 Steel and Timber Design

6ср

Requisite(s): 48349 Structural Analysis AND 48352c Construction

Civil engineers who wish to practise as civil engineers in Australia must have knowledge of structural design. Most civil engineers need to have knowledge of and competence in structural design using structural steel and timber. This subject builds on the knowledge of statics, solid mechanics and structural analysis of indeterminate structures that the students have learnt in the previous structural strand subjects.

Initially, students revise the Limit State Design philosophy of Australian Standards for structural design. They are introduced to the material properties of structural steel and of timber and engineered wood products and their supply.

Steel topics include failure modes of metals, fracture and fatigue of steel, then, in accordance with the requirements of AS4100 Steel Structures, tension member design (to AS4100), compression member design including in-plane effective lengths of rigid-jointed frames, beam and three-plate girder design for serviceability (deflection) and strength (bending, shear, web-crippling and web-buckling), beam-columns (combined actions) and bolted and fillet-welded connection design.

Timber topics include, in accordance with the requirements of AS1720.1 Timber Structures, Part 1: Design Methods, tension member design, compression member design, beam design for serviceability (deflection) and strength (bending, shear, bearing), combined actions and nailed and bolted joints.

48369 Structural Design 2

6cn

Requisite(s): 48359c Structural Design 1 Fields of practice: Civil Engineering program

Undergraduate

All engineers who wish to practise as civil engineers in Australia must have a competent knowledge of structural design to the relevant current Australian Standards, and a competent knowledge of structural analysis to allow the design to be done. Structural analysis is an integral part of the structural design process because it allows engineers to model the behaviour of structures under load and to determine the design actions induced by the applied loads. The prior structural subjects that students have completed have introduced them to statics, solid mechanics, methods of structural analysis, the structural behaviour of materials and structural design of reinforced concrete and timber elements. Structural design then builds on the prior fundamental knowledge of material properties and structural analysis and allows the engineer to design a safe and economical structure complying with the requirements of the relevant Australian Standards, based on his or her knowledge of and experience in structural behaviour.

Students learn about the structural behaviour and become competent in the structural design of steel elements (tension and compression members, beams, beam-columns and bolted and welded in-plane connections), reinforced concrete pad footings and cantilevered retaining walls and of prestressed concrete flexural elements in accordance with the relevant Australian Standards, AS4100-1998, AS3600-2001 and AS1170-2002. The competence gained in structural analysis assists students in gaining experience and competence in the structural design of these structural components.

Topics include: structural steel - material properties, tension and compression members, in-plane effective lengths, beam design (section moment capacity, lateral-torsional buckling, shear, web crippling, web buckling and three-plate girders, beam-columns, bolted and welded in-plane connections, fracture and fatigue behaviour and design; reinforced concrete - isolated pad footings and cantilevered retaining walls; prestressed concrete - introduction to prestressed concrete behaviour, load-balancing and equivalent load techniques, uncracked and cracked section analyses, linear elastic and ultimate behaviour in beams, serviceability of beams and ultimate strength design for moment and shear in beams, strength at transfer and end block reinforcement.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong Summer session, Hong Kong Winter session, Hong Kong

48370 Road and Transport Engineering

6cp

Requisite(s): 48330 Soil Behaviour

Fields of practice: Civil Engineering program

Undergraduate

The objectives of this subject are to enable students to understand the relationship between transport and land use; the basic concepts of transportation relating to modelling and design; and the relationship between urban form, energy use and sustainability. Students also learn to design feasible transport schemes using a variety of modes and to evaluate transportation projects in terms of their capacity, cost, environmental impact and equity. Topics include land-use transportation interaction; the transportation planning system; environmental impact of transport and issues in ecologically sustainable transport; design principles used in public transport; transport economics, privately funded infrastructure and freight issues; the geometric design, pavement design and the capacity of roads; and the needs of pedestrians and cyclists and the overall road safety issue.

Typical availability

Autumn semester, City campus Spring semester, City campus

48371 Advanced Engineering Computing

6ср

Requisite(s): (48221 Engineering Computations AND 48349 Structural Analysis AND (120 credit points of completed study C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study C10062 Bachelor of Engineering Bachelor of Arts in International Studies Diploma in Engineering Practice OR 120 credit points of completed study C10063 Bachelor of Engineering Bachelor of Arts in International Studies OR 120 credit points of completed study C10065 Bachelor of Engineering Bachelor of Business OR 120 credit points of completed study C10068 Bachelor of Engineering Bachelor of Business Diploma in Engineering Practice OR 120 credit points of completed study C10073 Bachelor of Engineering Bachelor of Science OR 120 credit points of completed study C10074 Bachelor of Engineering Bachelor of Science Diploma in Engineering Practice OR 120 credit points of completed study C10075 Bachelor of Engineering Bachelor of Medical Science OR 120 credit points of completed study C10076 Bachelor of Engineering Bachelor of Medical Science Diploma in Engineering Practice OR 120 credit points of completed study C10078 Bachelor of Engineering Bachelor of Biotechnology OR 120 credit points of completed study C10079 Bachelor of Engineering Bachelor of Biotechnology Diploma in Engineering Practice OR 120 credit points of completed study C10067 Bachelor of Engineering))

The objective of this subject is for students to develop competencies in advanced computational methods used in civil engineering, particularly in the preparation and analysis of mathematical models that are frequently applied in structural engineering. The subject also develops modelling and programming skills using a wide range of software tools.

48372 Water Quantity and Quality Processes

6ср

Requisite(s): 48362 Hydraulics and Hydrology

The subject aims to teach students the investigation and analysis skills expected of a practising water or environmental engineer. There are three basic strands which are estuarine environments, surface water environments, and groundwater environments. The estuarine environment strand focuses on the physical and biochemical processes which occur in estuaries and wetlands and how to measure, model and predict those processes. The surface water strand focuses on contamination of surface waters and how to measure, model and predict any contamination. The groundwater environments strand focuses on quantification of the groundwater resource, its sustainability and contamination of that resource.

48389 Computer Modelling and Design

6cp

Requisite(s): (144 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 144 credit points of completed study in C10062 Bachelor of Engineering Bachelor of Arts in International Studies Diploma in Engineering Practice OR 144 credit points of completed study in C10063 Bachelor of Engineering Bachelor of Arts in International Studies OR 144 credit points of completed study in C10065 Bachelor of Engineering Bachelor of Business OR 144 credit points of completed study in C10067 Bachelor of Engineering OR 144 credit points of completed study in C10068 Bachelor of Engineering Bachelor of Business Diploma in Engineering Practice OR 144 credit points of completed study in C10073 Bachelor of Engineering Bachelor of Science OR 144 credit points of completed study in C10074 Bachelor of Engineering Bachelor of Science Diploma in Engineering Practice OR 144 credit points of completed study in C10075 Bachelor of Engineering Bachelor of Medical Science OR 144 credit points of completed study in C10076 Bachelor of Engineering Bachelor of Medical Science Diploma in Engineering Practice OR 144 credit points of completed study in C10078 Bachelor of Engineering Bachelor of Biotechnology OR 144 credit points of completed study in C10079 Bachelor of Engineering Bachelor of Biotechnology Diploma in Engineering Practice)) AND 48366c Steel and Timber Design AND ((48359 Structural Design 1 OR 48353 Concrete Design)

Fields of practice: Civil Engineering program, Civil and Environmental Engineering program Undergraduate

This subject introduces senior civil engineering students to the preparation and analysis of computer models of load bearing structures. Students learn how to establish loads on buildings in compliance with Australian standards and how to apply them correctly to the computer models they prepare. Building on subjects completed earlier for the design of structures, students extend their design skills by being introduced, in hands-on lab sessions, to commercial software programs for structural analysis and drafting.

Typical availability

Autumn semester, City campus Spring semester, City campus

48410 Introduction to ICT Engineering

6ср

This subject introduces students to the foundations of information and communication technology (ICT) engineering. This includes the nature of the ICT industry and basic concepts and terminology used in ICT. Particular emphasis is given to the way in which the ICT industry has developed and is continuing to evolve, and the way in which this industry can benefit from (and in turn help shape) the practice of engineering.

Case studies are undertaken as problem-based assessment items which offer students opportunities to delve into the specialties of telecommunications engineering, computer systems engineering and software engineering.

48430 Embedded C

6ср

Requisite(s): 48441c Introductory Digital Systems These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Fields of practice: Computer Systems Engineering program Undergraduate

This subject introduces students to procedural programming in the C programming language. Students are expected to develop programs that could run in an embedded environment that may not possess the support of an operating system. Suitable analysis and design techniques are covered and testing is emphasised as an important development task. Individual programming tasks and a final examination ensure the essential skills are present.

Typical availability

48433 Software Architecture

6cp

Requisite(s): 48440 Software Engineering Practice OR 31469 Objectoriented Design OR 31279 Software Development and Processes OR 31244 Applications Programming OR 48024 Applications Programming

Undergraduate

This subject teaches students how to design, develop and evaluate software architecture meeting predefined quality characteristics of functionality (suitability, security), usability (operability), efficiency (time behaviour, resource utilisation) and maintainability (changeability, testability). Concepts, theories and technologies underlying the methods and techniques are introduced and explained as required. Students apply all that they have learned to develop an architecture of a business system.

Typical availability

Spring semester, City campus

48434 Embedded Software

6cr

Requisite(s): 48430 Embedded C

Recommended studies: knowledge of the C language and digital

systems is essential for this subject

Field of practice: Electrical Engineering major

Undergraduate

This subject presents the theoertical and practical basis for the structure, operation and design of embedded software with an indepth treatment of modern software design methodology. Software development involves some assembly language. The subject covers compiler and debugger tools; serial I/O and protocols; non-volatile memory; arithmetic operations; timing and interrupts; digital and analog interfacing; concurrent software; program optimisation; multimodule and multi-language programs; numerical techniques specific for certain tasks (such as the FFT and fuzzy logic control); real-time operating systems and Internet connectivity.

The technical content is contextualised in a project in which students analyse the requirements of an embedded system and design the software to meet those requirements. Skills in debugging software are also developed through the practice-based nature of the subject.

Typical availability

Autumn semester, City campus Spring semester, City campus

48436 Digital Forensics

6ср

Requisite(s): 31252 Network Security OR 48730 Authentication and System Security

Recommended studies: an understanding of the principles and objectives of network security and of the fundamentals of network security technologies; CCNA-level networking concepts and skills, in particular packet analysis skills

This is a practice-based subject, using material based on the textbooks. Learning is laboratory-based. The emphasis is on digital forensics applications, in particular:

- forensic analysis of a digital storage device where evidence is recovered to support or oppose a hypothesis before a criminal court
- eDiscovery (a form of discovery related to civil litigation)
- intrusion investigation into the nature and extent of an unauthorised network intrusion.

48440 Software Engineering Practice

6ср

Requisite(s): 48024 Applications Programming OR 31244

Applications Programming

Undergraduate

This subject introduces students to the fundamentals of software engineering. An overview of the software development life cycle and the processes, methodologies and tools that support it is presented. Current trends and challenges in the practice of software engineering are explored. Students apply the principles and methods of software engineering to project work in small teams.

Typical availability

Spring semester, City campus

48441 Introductory Digital Systems

6cr

Requisite(s): 48510 Introduction to Electrical Engineering These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Fields of practice: Computer Systems Engineering program Undergraduate

The objectives of this subject are to enable students to master the fundamentals of digital and programmable electronic circuits and their engineering applications; master the hardware architecture of a typical small computer system; and understand the principles of low-level programming and gain an ability to write simple assembly code. Students are introduced to the basics of concurrent and real-time application programming. Topics include digital sequential circuits; state diagram and its application in the design of digital circuits; basic hardware architectures of the digital computer in terms of its building blocks; how hardware integrates with software at the machine level; low-level language programming; internal architecture and design of a typical register-based central processing unit and a main memory subsystem, and their interdependence; concepts of computer system buses, as well as different types of input and output devices; interrupts; input and output; micro-controller theory; hardware interfacing design techniques; and aspects of real-time programming, concurrency and multiple processing, the design of a basic multitasking operating system and the solution of a concurrent application.

Typical availability

Autumn semester, City campus Spring semester, City campus

48450 Real-time Operating Systems

6cp

Requisite(s): 48434 Embedded Software

Fields of practice: Computer Systems Engineering program Undergraduate

This subject addresses the purposes, design alternatives and uses of computer operating systems. After several weeks studying the areas of responsibility that an operating system possesses in the context of a conventional computing environment, a treatment of operating systems in support of meeting real-time computing requirements is completed.

Topics include: process management, scheduling and inter-process communication, memory management and I/O device management. Comparisons of designs including monolithic and microkernel approaches. Embedded systems are explored as case studies for investigating operating systems modifications. The Linux kernel is studied as an example of a UNIX environment and programming exercises are completed in POSIX compliant C. Real-time systems are studied with treatments of rate monotonic, deadline monotonic and dynamic scheduling strategies.

Typical availability

Autumn semester, City campus Spring semester, City campus

48451 Advanced Digital Systems

6ср

Requisite(s): 48441 Introductory Digital Systems Fields of practice: Computer Systems Engineering program Undergraduate

The subject has two major components: (i) analysis/design, and (ii) implementation, of an advanced computing node. The components are integrated and are each worth 50 per cent of the subject mark.

The subject provides an in-depth understanding of the analysis/design and implementation of advanced digital hardware at medium scale computer system building block level. It builds on the basics of 48441 Introductory Digital Systems introduced in the earlier fields of practice subject.

Topics include: digital design process, functional design, implementation technologies, advanced computer architectures, and memory and I/O systems. It emphasises computer-aided design, including the use of VHDL specification, simulation and programmable VLSI implementation technologies.

Typical availability

Autumn semester, City campus Spring semester, City campus

48471 ICT Analysis

6cr

Requisite(s): (48240 Design Fundamentals AND 48260c Engineering Project Management AND (120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10062 Bachelor of Engineering Bachelor of Arts in International Studies Diploma in Engineering Practice OR 120 credit points of completed study in C10063 Bachelor of Engineering Bachelor of Arts in International Studies OR 120 credit points of completed study in C10065 Bachelor of Engineering Bachelor of Business OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering OR 120 credit points of completed study in C10073 Bachelor of Engineering Bachelor of Science OR 120 credit points of completed study in C10074 Bachelor of Engineering Bachelor of Science Diploma in Engineering Practice OR 120 credit points of completed study in C10075 Bachelor of Engineering Bachelor of Medical Science OR 120 credit points of completed study in C10076 Bachelor of Engineering Bachelor of Medical Science Diploma in Engineering Practice OR 120 credit points of completed study in C10078 Bachelor of Engineering Bachelor of Biotechnology OR 120 credit points of completed study in C10079 Bachelor of Engineering Bachelor of Biotechnology Diploma in Engineering Practice OR 120 credit points of completed study in C10068 Bachelor of Engineering Bachelor of Business Diploma in Engineering Practice))

This problem-based subject focuses on the specification and analysis of assigned, complex information and communication technologies (ICT) projects. Formal, plenary sessions of lecture/tutorials are used to teach project theory whereas problem-based learning is used for the specification and analysis of the assigned projects. Problem-based learning requires students to participate and take the initiative in researching topics not necessarily dealt with by formal sessions but required by the project.

In this subject, it is the students' responsibility to work out what they need to learn. Students learn to deal with the analysis phase of the ICT project lifecycle – planning; specification and analysis; architecture and high-level design. In the subsequent design subject (48481), students learn to deal with the development phase of the ICT project lifecycle low-level design; implementing / building the product; plus associated testing. Skills gained include: teamwork; the use of technical planning strategies; experience in the use of standards and industry best practices; formal project specification; system performance analysis; reliability analysis; project risk abatement strategies; quality assurance factors including the quality of product and quality of process; system architecture development; system build and integration strategies; formal project development processes; assessment of managerial, financial, ethical and social issues; verification and validation; and user interfacing issues.

Students are organised into large groups of typically 15 to 20 students per group. Each group is then usually subdivided into teams of about three or four. A team focuses on one component of the group assignments. Group subdivision, structure and overall project management is decided by the group members. There are usually three group assignments: Assignment 1 is often the draft of the analysis deliverable, which allows students to prepare and plan for the actual deliverable; Assignment 2 is often the actual deliverable. In Assignment 3, students are usually required to review and critique another group's actual deliverable, which may be used in the subsequent design subject, for development and implementation purposes.

48481 ICT Design

6ср

Requisite(s): 48471 ICT Analysis

Recommended studies: proficiency with programming in at least one 00 language (e.g. C#, Java, C++) is required

This subject organises students into large groups (typically 15 to 20 students a group), which undertake to develop information and communication technologies (ICT) projects previously specified and analysed in the subject 48471 ICT Analysis. The emphasis of this subject is one of commitment and self-management. Students

choose the subdivision, structure and overall project management of their group; commit to a project plan that is self-actuated; track and control artefacts of their project development using a configuration management system; and objectively assess project outcomes in a presentation and demonstration to an audience that often consists of academic and industry luminaries. Students develop a project within the subject's duration, using ICT engineering / project processes and methodologies, including time and budget management. The project is then used for group assessment once completed. The group decides on all development methodologies and processes for the project; identifies several design solutions, which meet project requirements; and assesses the value of each on the basis of functionality, performance and cost to implement. Students learn to write clear, concise documentation and learn to be effective group members through understanding the essentials of team organisation and how to be productive within a group project. Students constantly examine what they do, in self-critical exercises, and are invited to review existing development artefacts, making decisions about their value to their ICT project development by reviewing their impact on the established architecture and high-level design, making changes as necessary in a series of supplementary design documents. The final component is the presentation and demonstration of the developed project. The subject is facilitated by an academic team whose responsibilities include formal lectures as required, tutorials, laboratories, workshops and seminars, and provide conflict resolution for any difficulties that may arise from the group activities.

48510 Introduction to Electrical Engineering

6ср

Fields of practice: Electrical Engineering program Undergraduate

The subject material is organised around two modules.

In Module 1 (The Basics) basic electrical concepts such as voltage, current, resistance and power are introduced; simple circuit analysis techniques for DC and AC circuits are studied; and an analysis of the types, properties and functions of components commonly found in a linear DC power supply is used as an application of this basic knowledge. The practical aspects of this module include learning how to use basic equipment such as a multimeter and digital storage oscilloscope (DSO), learning some simple 'tinkering' skills, and building and testing of simple circuits.

In Module 2 (Signals in Electrical Engineering) an application called the Filter Challenge is used to provide a context for presentation of material related to time and frequency domain representation of electrical signals including Bode plots and simple first-order RC filters.

Typical availability

Autumn semester, City campus Spring semester, City campus

48520 Electronics and Circuits

6ср

Requisite(s): 48510 Introduction to Electrical Engineering AND 33130 Mathematical Modelling 1

Recommended studies: basic physics and single variable calculus are essential for this subject

Fields of practice: Electrical Engineering

Undergraduate

The main objective of this subject is to familiarise students with basic electronic circuits, mainly with op-amps as active elements, and their applications. By the end of the subject, students should have acquired reasonable proficiency in the analysis of basic electronic circuits and be able to build and test circuits in the laboratory. Particular emphasis is placed on the practical, hands-on aspect of electronics to provide a solid foundation of working knowledge for basic analog electronic circuits using op-amps. Laboratory work is a significant proportion of in-class delivery so as to make students proficient in circuit construction, testing, troubleshooting and to give them a sound knowledge of the use of test instruments. Another objective is to show that practical electronic applications are relevant to other engineering and technical disciplines and may often be placed within a wider social or commercial context.

Typical availability

48521 Fundamentals of Electrical Engineering

6cp

Requisite(s): 48510 Introduction to Electrical Engineering AND 68037 Physical Modelling AND 33230c Mathematical Modelling 2 Recommended studies: basic physics and single variable calculus are essential for this subject, as well as basic electric circuit theory Field of practice: Electrical Engineering major Undergraduate

The subject revises the concepts covered in the subject Introduction to Electrical Engineering. It introduces basic electrostatic and electromagnetic theory, magnetic devices, semiconductor devices, electronic amplifiers and electrical measurements. An additional objective of the subject is to cover the essential theory and basic practical skills needed by students in their first Engineering Experience internship.

Typical availability

Autumn semester, City campus Spring semester, City campus

48530 Circuit Analysis

6cp

Requisite(s): 48520 Electronics and Circuits AND 48521

Fundamentals of Electrical Engineering

Recommended studies: students are assumed to have knowledge of basic electrical circuits and devices and basic circuit analysis skills Fields of practice: Electrical Engineering program Undergraduate

In this subject students are assumed to have knowledge of basic devices such as ideal and real voltage and current sources and loads; resistors; capacitors, inductors and coupled coils; diodes and operational amplifiers, and basic circuit analysis skills such as Kirchhoff's current and voltage laws, Thevenin's and Norton's theorems, mesh and nodal analysis, symmetry, circuit transformation and superposition. Using this understanding as a starting point, the subject introduces the basic theoretical models that underpin signals and system analysis. Topics covered are sinusoidal steadystate analysis using phasor technique, Laplace transforms; solution of ODEs using Laplace transforms; power in AC circuits, electrical distribution networks and devices, multiphase systems; transfer (network) functions, poles and zeros, s-plane analysis, Bode plots; first- and second-order systems; response to periodic and nonperiodic inputs, time domain solution, frequency domain solution; and arbitrary systems analysis, response to an arbitrary input using convolution; frequency selective circuits; Fourier series, the Fourier transform; two-port circuits. Students use experimental design and testing, MATLAB and analytical modelling to investigate real-world devices. Comparison of experimental results and model predictions is emphasised in the laboratory sessions.

Typical availability

Autumn semester, City campus Spring semester, City campus

48531 Electromechanical Automation

6ср

Requisite(s): ((48520 Electronics and Circuits OR 48660 Dynamics and Control) AND 33230 Mathematical Modelling 2) Field of practice: Electrical Engineering major Undergraduate

The objectives of this subject are to consolidate fundamental knowledge of electric and magnetic fields; electric and magnetic circuits; how electric, magnetic and electromagnetic energy are interchanged; to model an electromechanical automation system using DC and AC motors and simulate its performance in open-loop and closed-loop control. Students also acquire skills in working with machines and equipment at normal mains supply voltage, in power instrumentation and control, PLCs and in experimental design and recording. Technical and theoretical content is expected to be acquired by students to the levels of 'know' (essential), 'familiar' (can solve problems if required) and 'aware' (have read/seen). Laboratory skills, ranging from electrical safety, measurements, design validation and experimental verification are an important focus of this subject.

Typical availability

Autumn semester, City campus Spring semester, City campus

48540 Signals and Systems

6ср

Requisite(s): 48530 Circuit Analysis

Recommended studies: circuit analysis in both the time and frequency domains, utilising mathematics involving solutions to differential equations using time-domain techniques as well as transform methods

Fields of practice: Electrical Engineering program Undergraduate

This subject presents the theoretical basis for system analysis and gives students skills in using the techniques to design components of real control/communication systems. The derivation of models from realworld devices through measurement and the comparison of model predictions with experimental results is emphasised in the laboratory component of the course. A group project that requires the design and implementation of part of a control/communication system allows students to apply their knowledge to a real-life problem. Topics include signal types and their representation in the time and frequency domains; modelling systems with differential or difference equations and transforms of the equations; signal operations and processing; the relationship between discrete and continuous quantities and the mathematical techniques applicable to each; the effects of feedback; time and frequency domain performance of systems; system stability; and control design techniques and simple communication systems. Through learning activities students also gain study skills, including academic literacy skills, and an appreciation of the different fields of practice of engineering and the interdisciplinary nature of engineering. Class time is used for lectures, tutorials, laboratories and project work. There are a number of formal laboratory sessions that apply control and communication theory, which also familiarise students with the laboratory equipment. The subject culminates in the design and implementation of a control system and communication system for a remote-controlled robot.

Typical availability

Autumn semester, City campus Spring semester, City campus

48541 Signal Theory

6c

Requisite(s): 33230 Mathematical Modelling 2
Fields of practice: Electrical Engineering program
Undergraduate

This subject presents the theoretical basis for system analysis and gives students skills in using the techniques to design components for telecommunications systems. The derivation of models from real-world devices through measurement and the comparison of model predictions with experimental results, is emphasised in the laboratory component of the subject.

Class time is used for lecture-type resource sessions and tutorials. There are a number of formal laboratory sessions that apply signals and systems theory to different engineering disciplines. Through various learning activities, students also gain study skills, including academic literacy skills, and an appreciation of the different fields of practice of engineering and the interdisciplinary nature of engineering.

Typical availability

Autumn semester, City campus Spring semester, City campus

Notels

This subject was formerly called Signals and Systems (Telecommunications).

48550 Renewable Energy Systems

6ср

Requisite(s): 48531 Electromechanical Automation Field of practice: Electrical Engineering major Undergraduate

This subject aims to introduce students to contemporary renewable energy technology, including sustainability and environmental issues, energy resources, electric power generation from renewable energy sources, such as solar, wind, geothermal, wave, tide, etc., energy storage and system integration. Design techniques for renewable energy systems are discussed in detail. Students are able to practice their design skills of renewable energy systems through three assignments specified as system specification, analysis of options and system design, respectively. By studying this subject, students gain knowledge and essential skills to design a renewable energy system.

Typical availability

Spring semester, City campus

48551 Analog Electronics

Requisite(s): 48530 Circuit Analysis AND 48570 Data Acquisition and Distribution

Field of practice: Electrical Engineering major

Undergraduate

This subject draws on, and brings together, the knowledge and skills developed in earlier subjects such as Electronics and Circuits and Circuit Analysis, and teaches students to analyse, understand and design complex electronic circuits and systems. Particular emphasis is placed on developing the ability to model real-life devices, to understand their imperfections and limitations. The principal goal of this subject is to give all students - whether destined to become circuit designers or engineers who simply use electronics - the tools necessary to make intelligent choices in the design of modern electronic circuits and systems

On completion of this subject students should be able to: understand the operation and characteristics of BJTs and MOSFETs in integrated circuits; understand the internal structure of typical IC Op-Amps and the operation of its basic building blocks; understand the character and sources of non-idealities in IC Op-Amps; select an appropriate device type for a specific application; understand the frequency-domain behaviour of circuits and systems; understand the feedback principle and use it to advantage in circuit and system design; be familiar with other analog circuits like oscillators, converters, multipliers, etc.; use computer simulation to analyse and design circuits and systems; and be familiar with basic techniques used in CAD of electronic circuits and systems. The project brings together three fundamental stages of electronic circuit development: preliminary design, verification and refinement by simulation as well as building and testing a prototype.

Topics include: review of basic BJT, MOSFET and Op-Amp circuits; computer-aided design (tools and principles); differential and multistage amplifiers; non-ideal characteristics of Op-Amps; output stages and power amplifiers; review of different Op-Amp types; frequency response of linear circuits and systems; feedback principles and applications; signal generation and waveform shaping; filter design principles; other analog circuits (data converters, multipliers, etc.); noise in integrated circuits; and grounding, coupling and decoupling techniques.

Typical availability

Spring semester, City campus

48560 Introductory Control

6ср

Requisite(s): 48540 Signals and Systems Field of practice: Electrical Engineering major

Undergraduate

The objective of this subject is to enable students to model with validation control systems and to analyse, design and implement both analog and digital controllers so that the controlled systems conform with given specifications. Emphasis is placed on laboratory work, the theoretical content of the subject being only that required to produce successful designs. Students are required to work on reduced scale models of actual industrial processes. The equipment is based upon experience gained with authentic control applications and is suitably modified for student use. Students follow the usual sequence adopted in industry, i.e. they start with the calibration of transducers and actuators leading on to dynamic response testing, physical modelling, model verification and finally to controller design, implementation and testing. Topics include linear and nonlinear modelling of control systems using Newton's rules, analogous networks or Lagrangian techniques; linearisation and development of linear, time-invariant transfer functions; development of lead-lag compensators or PID controllers using classical control design techniques such as root locus, Bode gain and phase diagrams, Nyquist plots and Nichols chart; development of state-variable equations from differential equations; development of state-variable feedback controllers and state observers; open-loop pulse transfer functions and discrete-time state models; discretisation using backward difference, bilinear, step-invariance or pole-zero mapping; development of digital PID controllers, deadbeat controllers and discrete-time state-variable feedback controllers; describing functions and limit cycles for nonlinear control systems; and the development of linear controllers for nonlinear systems using describing function techniques.

Typical availability

Autumn semester, City campus Spring semester, City campus

48561 Power Electronics and Drives

Requisite(s): 48531 Electromechanical Automation Field of practice: Electrical Engineering major Undergraduate

The objectives of this subject are to enable students to: acquire an understanding of the nature of power semiconductor devices and their control and use in switch-mode; understand the arrangement and topology of the circuits in which switch-mode devices are used; appreciate the use of power electronic circuits in high-power applications such as motor drives; be aware of the electromagnetic interference problems associated with power electronic systems; use commercial software for the rigorous circuit analysis of real power electronic systems; analysis and design circuits to meet specific specifications; and fabricate basic power electronic circuits such as a chopper. Topics include: topology and switching characteristics for IGBT, MOSFET, GTO, Thyristor and other devices; gate drive circuit requirements; power conversion circuits including DC-DC choppers, AC-DC controlled rectifiers, and DC-AC inverters; pulse-width modulation techniques; snubbers and thermal design for power devices; voltage and current controlled inverters; applications such as switch-mode power supplies, DC drives, AC drives, UPS systems, HVDC; recent advances in device technology; control techniques; and EMC and electromagnetic interference.

Typical availability

Autumn semester, City campus

48570 Data Acquisition and Distribution

Requisite(s): ((48541 Signal Theory AND 48520 Electronics and Circuits) OR 48540 Signals and Systems) AND 48441 Introductory Digital Systems

Recommended studies: basic electronics and circuits using

operational amplifiers are essential

Fields of practice: Electrical Engineering program

Undergraduate

By the end of this subject students should be able to analyse, design, build and test data acquisition and distribution systems (DADS), measurement systems, and intelligent instrumentation systems; characterise, specify and select to satisfy the requirements of a DADS: sensors/transducers and associated circuits, transducer analogue interfacing and signal conditioning circuits, and data conversion devices and systems; interface DADS to computers, plant and installations; and write, test and embed control and programming software for DADS interfacing. Material to be taught and learnt includes applications, requirement specifications and typical architectures of DADS; general performance characteristics of DADS components and subsystems; physical principles and design fundamentals of sensors and transducers; mechanical, temperature, pressure, flow-rate, level transducers and applications; optoelectronic transducers and applications; transducer analogue interfacing; precision amplifiers and low-level signal conditioning; noise, guarding and shielding in instrumentation systems; data conversion devices and systems; DADS design; time and error budget of DADS; computer structures for DADS; DADS interfacing to computers and control software; intelligent instrumentation systems; and data integrity.

Typical availability

Autumn semester, City campus Spring semester, City campus

48571 Electrical Machines

Requisite(s): 48531 Electromechanical Automation AND 48530 Circuit Analysis AND 68038 Advanced Mathematics and Physics Recommended studies: advanced physics and calculus are essential for this subject, as well as an understanding of circuit theory and machine principles

Field of practice: Electrical Engineering major

Undergraduate

This subject aims to introduce to students modern electrical machines and drives. Issues such as variable speed drive and energy efficiency are addressed. The contents of the subject include introduction of electrical machine technology and applications, Matalab/Simulink models of power electronic converters, three phase electrical circuits, single phase and three phase transformers, high frequency transformers used in power electronic circuits, fundamentals of electrical drives, DC machines and drives, synchronous machines and drives, induction machines and drives, and switched reluctance machines. The numerical simulation of various modern drive systems is presented. The subject is delivered through lectures, tutorials, laboratory experiments and assignments.

Typical availability

Autumn semester, City campus Spring semester, City campus

48572 Power Circuit Theory

6ср

Requisite(s): 48530 Circuit Analysis

Recommended studies: an understanding of electric circuit theory is essential to this subject, as well as the solution to ordinary differential equations. It is assumed that the students have prior knowledge in the following: Complex numbers and its application to the analysis of AC circuits. Circuit analysis. Fundamentals of electrical machines. MATLAB programming to solve simple problems

Field of practice: Electrical Engineering major

Undergraduate

The subject introduces the basic methods used in the analysis and design of electric power networks. Its purpose is to give students a working knowledge of modern power system theory and practice. Techniques introduced in earlier circuit analysis subjects are further developed and applied to power system problems.

Typical availability

Autumn semester, City campus Spring semester, City campus

48580 Advanced Control

6ср

Requisite(s): 48560 Introductory Control

Recommended studies: previous study of simple control systems using transfer functions and state-variables is essential

Field of practice: Electrical Engineering major

Undergraduate

This subject covers advanced techniques for analysis and design of modern control systems. The objectives of this subject are to consolidate fundamental knowledge of state space and state feedback, how to design pole placement, state observers and output feedback control. Topics include also nonlinear systems and Lyapunov stability theory, adaptive control, optimal control and robust control. Project work is conducted on a continuous basis throughout the semester.

Typical availability

Autumn semester, City campus

48581 Digital Electronics

6ср

Requisite(s): 48530 Circuit Analysis AND 48570 Data Acquisition and Distribution

Recommended studies: basic electronics and circuit theory knowledge and experience with digital systems is required for this subject

Field of practice: Electrical Engineering major

Undergraduate

The objective of this subject is for students to design, build and test hardware for an embedded application that utilises a modern digital integrated circuit, such as a field programmable gate array (FPGA), a microcontroller or a digital signal processor (DSP). It draws together many elements of engineering - system specification, design, implementation, testing, documentation and management - all in the context of a modern digital electronic system.

This subject presents the theoertical and practical basis for the structure, operation and design of embedded systems with an in-depth treatment of modern hardware components. The integrated circuits introduced are field programmable gate arrays, microcontrollers,

digital signal processors, embedded PCs; memory subsystems; I/O subsystems; serial I/O subsystems; and some analog subsystems. Modern computer-aided hardware design software is used extensively. Topics such as PCB manufacturing, surface-mount technology and EMC compliance are also treated in depth.

Typical availability

Autumn semester, City campus

48582 Power Systems Analysis and Design

6cp

Requisite(s): 48572 Power Circuit Theory

Recommended studies: power circuit theory knowledge is essential for this subject

Field of practice: Electrical Engineering major

Undergraduate

The primary objective of this subject is the development of a working knowledge of power systems analysis and design. Emphasis is placed on the derivation of equivalent circuits, mathematical models of devices and the system, and on methods of analysis and measurement. Material covered includes electricity supply chain building blocks, system analysis, real/reactive power and load flow analysis, dynamic and transient stability.

Typical availability

Autumn semester, City campus

48583 Power Systems Operation and Protection

6cr

Requisite(s): 48572 Power Circuit Theory

Recommended studies: power circuit theory knowledge is essential for this subject; complex numbers and its application to the analysis of AC circuits; power circuit analysis and fault calculations; fundamentals of electrical machines; MATLAB programming to solve simple problems

Field of practice: Electrical Engineering major

Undergraduate

The primary objective of this subject is the development of a working knowledge of power systems operation and protection. The subject aims to provide students with a knowledge and understanding of elements of the supply chain and how they function in the National Electricity Market; demand-side management options including smart meters; load forecasting and optimal load scheduling for secure energy supply and use; protection schemes for transmission and distribution networks; communications in power systems, including communication media, architectures, automation, standards, protocols and security; and basic design, connection and standards of current and voltage instrument transformers for protection and metering applications.

Typical availability

Spring semester, City campus

48600 Mechanical Design 1

6cp; 3hpw (lecture), 2.5 hpw (workshop)

Requisite(s): 48610 Introduction to Mechanical and Mechatronic Engineering

Recommended studies: 48240 Design Fundamentals, 48331 Mechanics of Solids, 48621 Manufacturing Engineering, 48510

Introduction to Electrical Engineering Field of practice: Mechanical Engineering program and Mechanical and Mechatronics Engineering program

Undergraduate

This subject is the first in a set of three engineering design subjects. It builds on and brings together the concepts introduced in earlier subjects (e.g. the prerequisite subject). Topics covered include the mechanical design process, graphical presentation of engineering ideas and components, computer-aided design, engineering materials and processes and aspects of engineering knowledge. A prototype design-and-build project is a major component of this subject.

Typical availability

48601 Mechanical Vibration and Measurement

6cp

Requisite(s): 48640 Machine Dynamics AND 48660 Dynamics and Control

Field of practice: Mechanical Engineering program Undergraduate

This subject aims to develop students' fundamental knowledge and understanding of the dynamics of various mechanical systems; provide students with knowledge and skills in vibration testing and data acquisition; facilitate students' in-depth learning of the theory and methods, including modelling, modal analysis, system identification and numerical approaches; familiarise students with techniques and data acquisition system used in vibration testing, measurement, signal processing for determining the dynamic characteristics of a physical system; and enable students to apply the learnt methods to real world applications which include vehicle suspension design, vibration analysis and condition monitoring of rotating machines. The subject contains basic vibration theory for the analysis of two or more degrees of freedom multi-body mechanical systems, basic topics on widely-used engineering measurements, data acquisitions, spectrum analysis, signal processing and their applications in vibration control and machine condition monitoring. Case studies of engineering applications are also covered through special lectures and projects.

Typical availability

Spring semester, City campus

48610 Introduction to Mechanical and Mechatronic Engineering

6cp

Fields of practice: Mechanical Engineering program Undergraduate

The subject introduces the student to engineering sketching and drawing, computer-aided design and solid modelling, engineering design, engineering mechanics, mechanical systems and components, mechatronics, and wind power and energy conversion. Students learn to graphically represent engineering components by sketching, using drawing instruments and/or computer methods using standard representation techniques such as orthogonal projection. Students learn basic engineering mechanics and how to apply this to analyse simple machines, mechanisms and structures. Students also learn basic mechatronics principles and apply them in a mechanical system that they design and build themselves.

Typical availability

Autumn semester, City campus Spring semester, City campus

48620 Fundamentals of Mechanical Engineering

6ср

Requisite(s): 48610 Introduction to Mechanical and Mechatronic Engineering AND 68037 Physical Modelling AND 33130

Mathematical Modelling 1

Fields of practice: Mechanical Engineering program

Undergraduate

The objectives of this subject are to build on the engineering science fundamentals that were introduced in 48610 Introduction to Mechanical and Mechantonic Engineering and which are required for later subjects, and to sharpen the focus on the university experience emphasised in early-stage subjects. Students should gain an understanding of the approach to learning required of university study; Newtonian mechanics, which is one of the fundamental sciences underlying engineering practice; the modelling concept, as applied to Newtonian mechanics; the idea of particle mechanics and its limitations; basic engineering concepts such as equilibrium, force and acceleration, work, energy and power, impulse and momentum, and the relationships between them; and the idea that acceleration may result from a change in direction as well as change in magnitude of velocity.

Topics include: drawing and understanding the use and purpose of free body diagrams, frames and machines; stress resultants; kinematics and dynamics of plane motion; work, energy and power; linear impulse and momentum; conservation of momentum, impact; centroids and centres of mass; and area moments of inertia.

Typical availability

Spring semester, City campus

48621 Manufacturing Engineering

6cp

Requisite(s): 48610 Introduction to Mechanical and Mechatronic

Engineering

Fields of practice: Mechanical Engineering program

Undergraduate

The objectives of this subject are to: explain and provide examples of manufacturing processes involved in casting, forming machining and joining of materials; identify and describe the manufacturing process by which products are made of different materials: metals, polymers, ceramics and composites; demonstrate improved technical written and graphical communication skills by completion of specified laboratory reports and site visit reports; and demonstrate basic problem-solving skills relating to manufacturing and production.

Students learn the processes and materials available, as well as a competent and practical approach to evaluating, selecting and recognising the connections between the materials/processes and engineering design.

Typical availability

Spring semester, City campus

48622 Mechatronics 1

6cr

Requisite(s): 48510 Introduction to Electrical Engineering Fields of practice: Mechanical and Mechatronics program Undergraduate

The objectives of this subject are to enable students to: master the fundamentals of digital and programmable electronic circuits and their engineering applications; master the hardware architecture of a typical small computer system; and understand the principles of low-level programming and gain an ability to write simple assembly code. Students will be introduced to the basics of concurrent and real-time application programming.

Topics include: digital sequential circuits; state diagram and its application in the design of digital circuits; basic hardware architectures of the digital computer in terms of its building blocks; how hardware integrates with software at the machine level; low-level language programming; internal architecture and design of a typical register-based central processing unit and a main memory subsystem, and their interdependence; concepts of computer system buses, as well as different types of input and output devices; interrupts; input and output; micro-controller theory; hardware interfacing design techniques; and aspects of real-time programming, concurrency and multiple processing, the design of a basic multi-tasking operating system and the solution of a concurrent application.

Typical availability

Autumn semester, City campus Spring semester, City campus

48623 Mechatronics 2

6ср

Requisite(s): ((48441 Introductory Digital Systems AND 48531 Electromechanical Automation) OR 48622 Mechatronics 1)

This subject builds on and brings together the concepts introduced in Mechatronics 1, Electronics and Circuits, and Object-oriented Programming. It is intended to provide students with comprehensive hands-on experience in system design. The concepts of sensing, actuation, control, hardware and software are demonstrated through a commercially available robotics platform. Subject matter includes: PLCs, sensing, actuation, path planning, control, memory and interfacing circuits, tools for microprocessor-based system design, development and testing of prototype systems. The subject includes a major project where groups of students design, develop and commission a microprocessor-based product.

Typical availability

Spring semester, City campus

48640 Machine Dynamics

6cp

Requisite(s): 48620 Fundamentals of Mechanical Engineering Fields of practice: Mechanical Engineering program Undergraduate

The objectives of this subject are to give students an understanding of the kinematics and dynamics of rigid bodies in general planar motion, which is typically encountered in design and analysis of mechanical systems, and an elementary understanding of the vibration of mechanical systems, in particular the dynamic behaviour of singledegree-of-freedom mechanical systems with various damping and applied forces. Students should be able to: model problems in rigid body planar and spatial kinematics and rigid body planar dynamics; understand energy methods in contrast to direct applications of Newton's second law of motion for setting up a model; understand the physics of a problem formulated from a real mechanical system; appreciate the role of vibration in machines and structures in the engineering world; understand the procedures required to evaluate a vibration problem; and analyse the dynamic response of singledegree-of-freedom mechanical systems. The subject also covers the concept of a rigid body, full nomenclature used in kinematics, two-body velocity equations, velocity pole and velocity diagrams of planar motion; two-body acceleration equations and acceleration diagram; three-body velocity equations and acceleration equations including Coriolis acceleration term; angular velocity acceleration equations including three-dimensional problems; F=ma applied to a rigid-body-dynamics, significance of 'centre of mass', the 'moment' relationship (M=Ia, etc.); angular momentum, conservation of angular momentum (general case, centre of mass moving, no 'fixed' point); linear and angular impulse problems; energy methods for general planar motion; elementary principles of vibration theory, free vibration of undamped single-degree-of-freedom system; free decay vibration of damped single-degree-of-freedom system; and the forced vibration of single-degree-of-freedom system.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong Summer session, Hong Kong Winter session, Hong Kong

48641 Fluid Mechanics

6cp

Requisite(s): 33230 Mathematical Modelling 2 Fields of practice: Mechanical Engineering program Undergraduate

This subject aims to enable students to: understand key concepts and fundamental principles, together with the assumptions made in their development, pertaining to fluid behaviour, both in static and flowing conditions; deal effectively with practical engineering situations, including the analysis and design of engineering systems and devices involving fluids and flow; appreciate possible applications and links to other disciplines; and engage in further specialised study or research. The subject also aims to enhance interests in fluid phenomena and applications. Topics include: fluid properties and statics; conservation laws of mass, momentum and energy; flow in pipes; external flow (lift and drag); boundary layers; flow measurements; and environmental fluid mechanics.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong Summer session, Hong Kong Winter session, Hong Kong

48642 Strength of Engineering Materials

6ср

Requisite(s): 48331 Mechanics of Solids Fields of practice: Mechanical Engineering program Undergraduate

This subject draws on, and brings together, the knowledge and skills developed in earlier subjects such as 48620 Fundamentals of Mechanical Engineering, 60101 Chemistry and Materials Science, and 48331 Mechanics of Solids. It also prepares students for the more dedicated design subjects to come and exposes them to practical aspects of mechanical engineering design. The objectives are that students should be able to: understand, describe and use the methodology of modelling material properties and behaviour; understand and describe the fundamental differences in the behaviour of different types of materials; understand and describe how and why things fail; realise the importance of material selection in engineering design; predict, or design to avoid, failure given the material, environment and loading conditions; and use analytical skills in stress analysis and knowledge of material properties in mechanical design. Topics include: the use of stress analysis and material properties in materials selection and mechanical design; stress analysis - revise concept of normal and shear stress; combined stress; structures and m/c components; impact; material behaviour - time dependent material properties; strength; failure modes - theories, criteria for static failure (e.g. Tresca, von Mises, Mohr), fracture, creep, and fatigue; and strain energy methods.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong Summer session, Hong Kong Winter session, Hong Kong

48650 Mechanical Design 2

бср

Requisite(s): 48600 Mechanical Design 1 AND 48642 Strength of Engineering Materials Fields of practice: Mechanical Engineering program Undergraduate

This subject builds on and brings together the concepts introduced in earlier subjects, such as 48600 Mechanical Design 1, 48610 Introduction to Mechanical and Mechatronic Engineering, and 48620 Fundamentals of Mechanical Engineering, along with the technical knowledge built up until this stage of the course. It provides a link between engineering science and practice, and focuses on the technical aspects of engineering design, for instance, identifying and conducting the relevant engineering analysis and subsequently making appropriate technical level design decisions and recommendations.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong Summer session, Hong Kong Winter session, Hong Kong

48651 Thermodynamics

6ср

Requisite(s): 33230 Mathematical Modelling 2 AND (68037 Physical Modelling OR (68042 Physical Modelling A AND 68043 Physical Modelling B))

Fields of practice: Mechanical Engineering program Undergraduate

The objectives of this subject are to develop a fundamental understanding of applied thermodynamics in an engineering perspective, use thermodynamics effectively in the practice of engineering, lay the groundwork for subsequent studies in the fields related to energy systems and increase an awareness and emphasis on energy resources and environmental issues.

Topics include thermodynamic properties of pure substances, work and heat, the first law of thermodynamics, applications to closed systems, applications to open systems, the second law of thermodynamics, irreversibility, entropy, Rankine cycle and

steam engines, refrigeration cycle, Brayton cycle and gas turbine engines, Otto cycle and spark ignition engines, and diesel cycle and compression ignition engines.

Typical availability

Autumn semester, City campus Spring semester, City campus

48660 Dynamics and Control

6cp

Requisite(s): 48640 Machine Dynamics

Fields of practice: Mechanical Engineering program

Undergraduate

The objectives of this subject are to: have an understanding of the behaviour of linear (or approximately linear) dynamic systems that are typically encountered in the practice of mechanical engineering; and gain an understanding of how such systems can be controlled, or have their dynamics altered, so as to achieve desired outcomes. Topics covered include:

- dynamic models: component block diagram, laplace transform, undamped free and forced vibration of SDOF systems, damped free and forced vibration of SDOF systems, resonance and beats, logarithmic decrement, response under the harmonic motion of the base, coupled-tank systems, vibration of 2DOF systems, vibration isolation, vibration absorbers
- Matlab and Simulink
- dynamic response: system modelling diagrams, poles and zeros, effect of pole locations, first order systems, second order systems, effects of zeros and additional poles, stability
- basic properties of feedback: the basic equations of control, control of steady-state error, PID control, pole placement method
- the root-locus design method: root-locus of a basic feedback systems, dynamic compensation, examples
- control system implementation and introduction to advanced control systems.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong Summer session, Hong Kong Winter session, Hong Kong

48661 Heat Transfer

6ср

Requisite(s): 48641 Fluid Mechanics

Fields of practice: Mechanical Engineering program

Undergraduate

This subject provides a solid grounding in key concepts and fundamental principles, along with the assumptions made in their development, relating to heat transfer and to the operation of various machines associated with thermal energy (such as heat exchangers). It aims to develop expertise in applying these principles, in rational combination with the necessary empiricism, to practical engineering situations involving heat transfer and such machines, including their selection, application, performance prediction and design. The subject also reinforces an appreciation of the links between different subject areas and engineering disciplines. Topics covered include fundamentals of heat transfer covering conduction, convection and radiation, and heat exchangers.

Typical availability

Spring semester, City campus

48662 Mechanical Applications

6ср

Requisite(s): 48640 Machine Dynamics AND 48642 Strength of

Engineering Materials

Fields of practice: Mechanical Engineering program

Undergraduate

The objectives of this subject are to teach students to: apply some of the basic concepts of rigid and deformable body mechanics learnt in previous subjects, and the more advanced concepts developed in this subject, to various mechanical applications; understand the interdependence of motion, forces, vibration and stress in mechanical applications; see how computer methods can complement a good understanding of the underlying theory when solving problems related to the previous point; and develop an aptitude in multiple-approach problem solving.

Specific subject content varies from semester to semester as it reflects student needs and interests and style of teacher, but is likely to include: elementary spatial kinematics and the design of unconstrained mechanisms such as constant velocity joints and guidance linkages; systems of shafts and gears geometry together with associated lubrication, vibration and stress characteristics; the application of spatial dynamics to machine component motion where appropriate; problems associated with vehicle dynamics; stress analysis and methods of solid mechanics applied to various mechanical engineering applications; and modelling and computer methods including finite element analysis.

Typical availability

Spring semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong Summer session, Hong Kong Winter session, Hong Kong

48663 Advanced Manufacturing

6cp

Requisite(s): 48650 Mechanical Design 2 AND 48621 Manufacturing

Engineering

Fields of practice: Mechanical Engineering program

Undergraduate

The objectives of this subject are to: understand the design and manufacturing processing of products in various environments ranging from low volume to high volume and with various levels of capital investment in the manufacturing system. The student is introduced to the modern concepts of quality management, including Taguchi methods, after looking at process quality control and its origins. Modern metrology equipment and methods are treated in a similar manner: modern equipment and methods and their origins.

The main part of the course is about the influence of the computer and computer systems on manufacturing. Firstly, students gain some experience with manufacturing in a CAD/CAM environment. Following this they investigate the viability of industrial robots in environments such as fabrication, welding and assembly. Topics such as: CIM, CAPP, JIT, GT, FMS, MRP, Toyota and Kanban are introduced in a project environment.

Typical availability

Autumn semester, City campus

48670 Mechanical and Mechatronic Design

6ср

Requisite(s): 48650 Mechanical Design 2

Fields of practice: Mechanical Engineering program

Undergraduate

This subject aims to extend students' competence in the design of engineered systems and components, as well as familiarising them with modern design approach methodologies. While the emphasis is on realistic engineering-team/client/boss interactions, need exploration, project development and delivery, this subject draws heavily on the expertise the students have developed up until this stage of the course. Furthermore, the subject aims to enhance and polish students' capabilities in dealing with human-centric aspects of the design process.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong Summer session, Hong Kong Winter session, Hong Kong

48720 Network Fundamentals

6cp

Recommended studies: some knowledge of computer networking is useful but not essential

The objectives of this subject are to introduce students to the basic concepts and terminology used in telecommunication networks and a system-level view of network operation. Topics include: major players in telecommunication networks in Australia and the Asia-Pacific (operators, vendors, standard bodies, regulators, consumers, investment bankers); evolution of telecommunication networks; services and applications (voice, video, data, location-based services, multimedia, gaming, etc.); network protocols(TCP/IP, OSI); transmission and switching basics; transmission media; access networks, PSTN, internet (dial up, broadband and ISP), network security, mobile networks (2G, 2.5G, 3G, 4G), data networks (LANs and wireless LANs, WANs, SANs, PANs, enterprise networks), VoIP networks; and convergence in telecommunication networks, next generation networks (NGN), digital identity in networks.

48721 Strategic e-Business Technologies

6cp; availability: BBus students only (it cannot be undertaken by Engineering students)

The objectives of this subject are to introduce the basic concepts and terminology used in telecommunications engineering; to give basic, up-to-date, hands-on, technical skills; to familiarise students with the technology underlying the internet, telecommunications and electronic business, to allow the students to make informed decisions about technology and system security.

Topics include the following. software (applications and operating systems, make or buy, ERP solutions, estimating, software engineering), PCs and Office Networks analogue/digital, bandwidth, compression, codes, human factors, data communications, protocols, OSI model, the Public Switched Telephone Network, switched circuit and packet switching (T channels, ISDN, X25, Frame Relay, ATM, SONET, modems, ADSL), the internet (History, TCP/IP, WWW, Java, CGI, architectures, sockets, services, DNS, routing), wireless technologies (satellites, GSM), and security (purpose, threats, trust, authentication, encryption, SET, signatures, certificates).

The laboratory component is to install a Windows operating system on a PC, to install an ethernet interface card and driver, and to install and configure web browsers, servers and FTP applications.

Typical availability

Autumn semester, City campus

48730 Authentication and System Security

6ср

Requisite(s): 48740 Communications Networks

Fields of practice: Telecommunications Engineering program

Undergraduate

This subject has been designed as the second subject in the Telecommunications major of the engineering undergraduate program. It addresses the issue of network security. The subject is also suitable as an elective for students in other majors such as computer systems engineering and software engineering seeking an introductory subject in network security. The technical content of the subject covers conventional and public key cryptography, message integrity schemes, authentication protocols using Kerberos and X509 certificates, network security standards at the application, transport and network layer, and protection of network resources through policies, intrusion detection, firewalls and protective software. The technical content is contextualised in a major project in which students in small groups play the role of security consultants engaged by a hypothetical organisation to make recommendations on some aspect of the security of its network. The project involves determination of stakeholder requirements and ultimately the development of a conceptual design. Three engineering themes permeate the subject. They are introduced and continually highlighted during the student's sequence of learning experiences in the subject. The first theme is the need for a systems perspective in engineering. The second related theme is the notion of engineering as a process of solving constrained optimisation problems. The third theme is that of the need for engineers to take responsibility for their own professional development, in this subject with specific reference to the development of effective teamwork, information retrieval and project management skills.

Typical availability

Autumn semester, City campus Spring semester, City campus

48740 Communications Networks

6cr

Requisite(s): 48720 Network Fundamentals OR 31270 Networking Essentials

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Fields of practice: Telecommunications Engineering program Undergraduate

This subject has been designed as a second subject in the networking thread of the ICT engineering undergraduate program. On completion of this subject, students have learned the skills to systematically analyse network operations and performance, and also have the ability to appreciate approaches in designing communication and computer networks. The first half of the subject concentrates on the study of communication architecture. Lectures provide students with the necessary background in understanding operations of TCP/IP, the mostly widely implemented protocol stack in computer networks, on a layer-by-layer basis. Topics include flow control; error detection and correction; packet switching; and routing and transport protocols. The second half of the subject concentrates on broadband switching technologies, networking design concepts and performance measures associated with integrated services networks. Topics include local area networks (LANs); wide area networks (WANs); networking devices (bridges, hubs and switches); internetworking; internet protocol; network security; distributed applications; and multimedia services. Students acquire a reasonable understanding of current standards and their role in relation to future developments.

Typical availability

Autumn semester, City campus Spring semester, City campus

48750 Network Planning and Management

6c

Requisite(s): 48740 Communications Networks AND 33230

Mathematical Modelling 2

Fields of practice: Telecommunications Engineering program Undergraduate

The objectives of this subject are for students to develop competencies needed for the planning and management of networks, particularly in the areas of traffic source modelling, performance analysis, dimensioning, simulation and management.

Students acquire a foundation in: modelling of traffic, including packet based systems; dimensioning of fixed networks and mobile networks; performance analysis of networks based on queuing theory; circuit switching networks; and packet switching networks.

Topics include: traffic source modelling; Markov chain theory; network design, planning, and dimensioning; introduction to teletraffic engineering; basics of traffic system design; traffic models for loss and delay systems; network optimisation through both stochastic and deterministic methods; client and server placement; mobile network optimisation; management based on SNMP and the MIB; and reliability of networks.

Typical availability

Autumn semester, City campus Spring semester, City campus

48770 Continuous Communications

6cp

Requisite(s): 48541 Signal Theory OR 48540 Signals and Systems Fields of practice: Telecommunications Engineering program Undergraduate

The objectives of this subject are to enable students to develop insight into the fundamentals of modulation. This includes the following topics:

- · communications systems
- signals and signal space
- analysis and transmission of signals
- amplitude modulation and demodulation
- angle modulation and demodulation
- probability theory and random processes, as applied to signals.

Typical availability

Autumn semester, City campus Spring semester, City campus

48771 Discrete Communications

6ср

Requisite(s): 48541 Signal Theory

Fields of practice: Telecommunications Engineering program Undergraduate

This subject aims to introduce the fundamental principles of efficient digital communication systems. Analog-to-digital conversion is introduced as a precursor to the discussions of digital data transmission modulation and digital transceiver design techniques. After completing the subject, students are able to:

- convert analog signals and process digital information for digital communication systems
- choose a digital modulation which is suited to the system requirements
- understand the techniques for multi-carrier digital communication systems
- analyse and understand linear distortive channels in digital communication systems
- choose an error detection or correction code which is suited to the system requirements, and understand the fundamentals of synchronisation in digital communication systems
- simulate a digital communication systems end-to-end (from the transmitting antenna to the receiver and display of the received data), and

simulate the bit error rate performance of digital communication systems. Topics include sampling of signals, digital modulation and demodulation, optimal detection, line coding and pulse shaping, digital transceivers and regenerative receivers determination, bit error rate analysis, simulation of digital transceivers, basic principles of information theory, error detection and correction coding, the power and bandwidth trade-off of digital modulation and coding types and multi-carrier systems in digital communication systems.

Typical availability

Spring semester, City campus

48780 Mobile Communications

6cp

Requisite(s): 48770 Continuous Communications

This subject aims to develop a coherent systems view of mobile communication systems, which is one of the fastest growing fields in the engineering world. It gives further context to telecommunications theory developed in prerequisite subjects by exploring practical examples of wireless communications systems. It particularly emphasises technical and other issues that distinguish mobile systems from other systems. Technical concepts which are at the core of design, and implementation of wireless cellular mobile communication systems are presented in order to help understand, appreciate and design current and evolving systems.

Throughout the subject students are encouraged to develop broader skills in methods of design, systems engineering, simulation, technical reading, teamwork and communications as well as developing and applying technical knowledge.

Broadly, the subject attempts to cover the fundamental design concepts behind cellular mobile communications. Topics include frequency reuse, macro, micro and pico cells, hand off, co-channel and adjacent channel interference, which are at the core of providing wireless communication service to subscribers on the move using limited radio spectrum are covered. Also issues such as trunking efficiency and how trunking and interference issues between mobiles and base stations combine to affect the overall capacity of cellular systems are highlighted. Also covered is how electromagnetic wave propagation concepts in outdoor and indoor environments are linked to the design of wireless communication systems. Propagation effects such as large scale path loss, log-normal shadowing, small scale fading, time delay spread and Doppler spread, etc., is highlighted from the point of view of design and analysis. The subject also covers digital modulation concepts, bit error rate analysis of fading channels, equalisation and diversity techniques. Access techniques such as FDMA, TDMA, CDMA and SDMA are introduced with a view to demonstrate as to how the capacity of the cellular systems are impacted by multiple access techniques. Design and standardisation issues of existing and evolving systems are also introduced.

Typical availability

Autumn semester, City campus

48821 Ecological Engineering

6ср

Requisite(s): 65111 Chemistry 1

Increasingly biological principles are being integrated as part of engineered systems to create innovative and effective design solutions. This subject teaches fundamental chemical, physical and biological principles which can be used to analyse data and formulate design solutions to environmental problems particularly related to water quality. The subject covers hydrology, soils, ecosystems, material balances, nutrient cycles, risk and water quality engineering. The way this knowledge is utilised by engineers for ecosystem restoration and engineered treatment systems is examined.

48840 Water Supply and Wastewater Engineering

6ср

Requisite(s): 60101 Chemistry and Materials Science OR 65111 Chemistry 1

Fields of practice: Environmental Engineering program Undergraduate

This subject provides civil and environmental engineering students with a detailed knowledge of water pollution control objectives, the design of potable water and sewage treatment processes and sewerage and water reticulation systems, and the technologies used in the upgrading of water and wastewater treatment plants and in water re-use. At the completion of this subject, students understand public health and environmental objectives in water supply and wastewater disposal, the design concepts for drinking water and sewage treatment plants, sewerage systems and water reticulation systems, and new technologies developed to meet the new water quality and water reuse objectives. Topics include sewerage systems and water supply systems - water quality and quantity; description and design concepts for sewerage systems; design concepts for reticulation systems; sewage treatment - water pollution, statutory requirements; primary treatment; biological/ secondary processes; tertiary treatment; potable water treatment - flocculation, sedimentation, filtration, ion-adsorption, disinfection; new water quality standards for specific pollutants and technologies used for upgrading on water treatment processes; quality requirements for water recycling and water reuse technologies; cases studies on water reclamation projects, small community and large potable water treatment plants; laboratory sessions to determine flocculation, sedimentation, and filtration performance.

Typical availability

Autumn semester, City campus

48850 Environmental Planning and Law

6cp

Requisite(s): 87 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 87 credit points of completed study in C10062 Bachelor of Engineering Bachelor of Arts in International Studies Diploma in Engineering Practice OR 87 credit points of completed study in C10063 Bachelor of Engineering Bachelor of Arts in International Studies OR 87 credit points of completed study in C10065 Bachelor of Engineering Bachelor of Business OR 87 credit points of completed study in C10066 Bachelor of Engineering Science OR 87 credit points of completed study in C10067 Bachelor of Engineering OR 87 credit points of completed study in C10068 Bachelor of Engineering Bachelor of Business Diploma in Engineering Practice OR 87 credit points of completed study in C10073 Bachelor of Engineering Bachelor of Science OR 87 credit points of completed study in C10074 Bachelor of Engineering Bachelor of Science Diploma in Engineering Practice OR 87 credit points of completed study in C10075 Bachelor of Engineering Bachelor of Medical Science OR 87 credit points of completed study in C10076 Bachelor of Engineering Bachelor of Medical Science Diploma in Engineering Practice OR 87 credit points of completed study in C10078 Bachelor of Engineering Bachelor of Biotechnology OR 87 credit points of completed study in C10079 Bachelor of Engineering Bachelor of Biotechnology Diploma in Engineering Practice

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Fields of practice: Environmental Engineering program Undergraduate

The objectives of this subject are: to introduce key environmental law relating to water, waste, energy and land use issues; to give a sound understanding of the history of planning with particular emphasis being placed on the NSW experience; to develop awareness of planning legislation in NSW and the need to engineer within the constraints of that legislation; to provide knowledge of the planning process and constraints on land use planning; to develop skills to identify and deal with legal problems confronting engineers in industry; to develop the capacity to communicate in both written and verbal form when dealing with legal matters relating to the environment and land use planning; and to equip students with the skills necessary to deal with legal issues in the absence of detailed lecture material. This helps students to know when to ask questions or seek professional legal advice and to introduce them to the operation of the Land and Environment Court of NSW. Students cover the following topics.

- Environmental law: the operation of the Environment Protection Authority of NSW, water and waste legislation (Clean Waters Act, Waste Minimisation Act), air and noise legislation (Clean Air Act, Noise Control Act), miscellaneous environmental legislation addressing pollution issues (Independent Pricing and Regulatory Tribunal Act, Sydney Water Corporatisation Act), and selected court decisions relating to pollution and land use issues (Protection of the Environment Operations Act 1997).
- Environmental planning: evolution of human settlement, NSW environmental planning legislation, urban planning and sustainability, planning the neighbourhood, environmental studies, environmental impact assessment in NSW, project control and the environment.

Tutorial sessions are scheduled twice each week to discuss environmental law and planning issues using case studies. Students have to present a 10–15 minutes discussion paper on an environmental issue of an engineering nature, which assists in developing verbal communication skills and audiovisual equipment usage skills, as well as developing interdisciplinary teamwork skills.

Typical availability

Autumn semester, City campus

48860 Pollution Control and Waste Management

6ср

Requisite(s): 48840 Water Supply and Wastewater Engineering OR 48350 Environmental and Sanitation Engineering Fields of practice: Environmental Engineering program Undergraduate

The main objective of this subject is to provide the opportunity to understand the principles of pollution control and waste management in modern society. The subject develops an understanding of air and noise pollution control technologies, as well as better product or process design to mitigate the problems of air and noise pollution both in the automobile industry and other manufacturing industries. It also begins to tackle the problems of solid and hazardous waste minimisation, generation, treatment and disposal. Topics include solid waste characterisation, generation and composition analysis, development of optimum collection routing networks, transfer stations, design, operation and maintenance of sanitary landfills, and related social and environmental issues; hazardous waste generation, regulatory process, process information, toxicology, design of treatment and stabilisation methodologies, methods of disposal and related environmental issues, community perspective and education; soil contamination, chemical, biological and thermal remediation methodologies, site characterisation, planning, monitoring, containment and case studies; air pollutants and their types, sources, generation, measurements and estimations. Other topics include: control of the generation of specific air pollutants from the projects such as wastewater treatment works and waste management disposal sites. Some aspects of noise pollution and its control are also covered.

Typical availability

Autumn semester, City campus

48881 Water and Environmental Design

6ср

Requisite(s): (48362 Hydraulics and Hydrology AND 48840 Water Supply and Wastewater Engineering AND (144 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 144 credit points of completed study in C10062 Bachelor of Engineering Bachelor of Arts in International Studies Diploma in Engineering Practice OR 144 credit points of completed study in C10063 Bachelor of Engineering Bachelor of Arts in International Studies OR 144 credit points of completed study in C10065 Bachelor of Engineering Bachelor of Business OR 144 credit points of completed study in C10066 Bachelor of Engineering Science OR 144 credit points of completed study in C10067 Bachelor of Engineering OR 144 credit points of completed study in C10068 Bachelor of Engineering Bachelor of Business Diploma in Engineering Practice OR 144 credit points of completed study in C10073 Bachelor of Engineering Bachelor of Science OR 144 credit points of completed study in C10074 Bachelor of Engineering Bachelor of Science Diploma in Engineering Practice OR 144 credit points of completed study in C10075 Bachelor of Engineering Bachelor of Medical Science OR 144 credit points of completed study in C10076 Bachelor of Engineering Bachelor of Medical Science Diploma in Engineering Practice OR 144 credit points of completed study in C10078 Bachelor of Engineering Bachelor of Biotechnology OR 144 credit points of completed study in C10079 Bachelor of Engineering Bachelor of Biotechnology Diploma in Engineering Practice))

This subject provides students with the opportunity to undertake an integrated investigation and design of a water or environmental engineering project. This subject is the culmination of the study in environmental and water-related engineering subjects and seeks to teach students the investigation and design skills that are expected of an engineer. Students undertake problem investigation, requirements analysis, system design and detailed design for an engineered system which addresses an environmental/water problem. The design process requires integrating technical performance with social, environmental and economic outcomes. As part of this process, students develop team skills, an ability to incorporate system-wide requirements (e.g. safety, quality, maintenance) into an engineering design, and develop an appreciation of the impact of economic, legal, management and environmental influences on the engineering design process.

48901 Professional Service Project A

6ср

This suite of subjects develops an appreciation of the service obligations and non-financial rewards associated with the award of professional status. Students participate in one or more professional service activities and thus build their understanding of the culture of engineering and the current debates surrounding it. Students are required to analyse the impact of the activity on the recipient organisation and to evaluate the competence they need to be able to perform the service in a manner consistent with the Code of Ethics. In many cases, students work with professionals from non-engineering disciplines. This increases their awareness of engineers' interdependence on other professions as well as enhancing their experience in managing group dynamics. Students gain an understanding of the role engineering plays in society and in particular the perception that the community at large has about engineering.

Typical availability

Autumn semester, City campus Spring semester, City campus

48902 Professional Service Project B

6cr

This suite of subjects develops an appreciation of the service obligations and non-financial rewards associated with the award of professional status. Students participate in one or more professional service activities and thus build their understanding of the culture of engineering and the current debates surrounding it.

Students are required to analyse the impact of the activity on the recipient organisation and to evaluate the competence they need to be able to perform the service in a manner consistent with the Code of Ethics. In many cases, students work with professionals from non-engineering disciplines. This increases their awareness of engineers' interdependence on other professions as well as enhancing their experience in managing group dynamics.

Students gain an understanding of the role engineering plays in society and in particular the perception that the community at large has about engineering.

Students are able to volunteer for professional service projects throughout their course for which they receive a certificate.

Typical availability

Autumn semester, City campus Spring semester, City campus

48903 Professional Service Project C

4ср

This suite of subjects develops an appreciation of the service obligations and non-financial rewards associated with the award of professional status. Students participate in one or more professional service activities and thus build their understanding of the culture of engineering and the current debates surrounding it.

Students are required to analyse the impact of the activity on the recipient organisation and to evaluate the competence they need to be able to perform the service in a manner consistent with the Code of Ethics. In many cases, students work with professionals from non-engineering disciplines. This increases their awareness of engineers' interdependence on other professions as well as enhancing their experience in managing group dynamics.

Students gain an understanding of the role engineering plays in society and in particular the perception that the community at large has about engineering.

Students are able to volunteer for professional service projects throughout their course for which they receive a certificate.

Typical availability

Autumn semester, City campus Spring semester, City campus

48904 Professional Service Project D

2cp

This suite of subjects develops an appreciation of the service obligations and non-financial rewards associated with the award of professional status. Students participate in one or more professional service activities and thus build their understanding of the culture of engineering and the current debates surrounding it.

Students are required to analyse the impact of the activity on the recipient organisation and to evaluate the competence they need to be able to perform the service in a manner consistent with the Code of Ethics. In many cases, students work with professionals from non-engineering disciplines. This increases their awareness of engineers' interdependence on other professions as well as enhancing their experience in managing group dynamics.

Students gain an understanding of the role engineering plays in society and in particular the perception that the community at large has about engineering.

Students are able to volunteer for professional service projects throughout their course for which they receive a certificate.

Typical availability

Autumn semester, City campus Spring semester, City campus

49001 Judgment and Decision Making

6cp; 3hpw; distance mode; availability: all courses (core for MEM) Postgraduate

This subject develops understanding of rational decision aids in light of modern descriptive theories of judgment, choice and decision in organisations. The methods of management science, decision analysis and judgment analysis are presented, and models of individual, group and strategic decision-making are critically assessed.

Drawing on the insights of psychology, sociology and management science, this subject aims to inform you about the many facets of good judgment associated with decision-making.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong Summer session, Hong Kong Winter session, Hong Kong

49002 Managing Projects

6cp; 3hpw, on campus, distance; availability: all courses (core for MEM)

Postgraduate

This subject introduces project management principles and tools. Students develop an understanding of the importance of sound management practices and their application to the successful performance of engineering projects and works. What students learn in this subject enhances their ability to make and implement decisions for strategic and operational management within an engineering setting.

This subject is offered in two modes: standard and distance.

- In standard mode, students are expected to attend lectures and participate in class and group activities. Classes are three hours per week for one semester. Students are expected to enrol and remain in a particular session all semester.
- In distance mode, students undertake the subject without attending classes thus enabling those who would have difficulty attending, for geographic or other reasons, to undertake the study of the subject.

The subject's learning objectives and content are the same for both modes. There are differences in emphasis for some of the assignments because of teamwork and presentations to staff and peers. While these aspects are mandatory for students participating in standard mode, they are not required for distance mode students.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong Summer session, Hong Kong Winter session, Hong Kong

49003 Economic Evaluation

6cp; 3hpw; distance mode; availability: all courses (core for MEM), not available for undergraduate students Postgraduate

This subject deals with the application of economic concepts to engineering decision-making. Main topics include: macroeconomic issues and policies; microeconomic market theory; theory of the firm; project evaluation and cost-benefit analysis; intangibles and risk.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong Summer session, Hong Kong Winter session, Hong Kong

49004 Systems Engineering for Managers

6cp; weekly; availability: all courses (core for MEM) Postgraduate

In the multidisciplinary process of problem solving in engineering, systems engineering is seen as a unifying discipline. Drawing on contemporary scholarship and best practice, the philosophy, concepts, techniques and tools of the systems engineering process are examined in the context of engineering management, and their domain of applicability explored. The subject provides extensive opportunity for individual and group encounter with the challenges of the systems approach, and is illustrated by case studies presented by guest lecturers.

Typical availability

Autumn semester, City campus Spring semester, City campus

49006 Risk Management in Engineering

6cp; on campus, block mode; availability: all courses Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject develops students' capability to identify, assess, improve and limit risk in the management and practice of engineering through the application of concepts and tools of risk engineering. On completion, students are able to identify hazards in an engineering project and design an appropriate risk management strategy.

Topics include: semantics of risk and hazard; risk as a social construct; principles of risk management; risk engineering; integrating risk controls within the engineering process; risk perception, risk communication and the acceptability of risk; legal principles relating to engineering risks; risk identification and assessment; hierarchy of risk control; risk benefit analysis; positive risk; and quantitative and qualitative risk assessment methods.

Typical availability

Autumn semester, City campus and distance Spring semester, City campus and distance

49013 Managing Information Technology in Engineering

6cp; distance mode and Internet support; availability: all courses Postgraduate

The aim of this subject is to explore the influence of information technology (IT) on organisations and management and in particular engineering management. Students critically examine both past and recent IT innovations. Issues in information technology extend into groupware, computer-aided logistic support, decisions support systems, tools for systems engineering, and communications technology including the internet. Students use a computer-mediated conferencing tool on the internet to participate in group project work either on or off campus. Most of the support material such as lectures is on the internet.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong Summer session, Hong Kong

49016 Technology and Innovation Management

6cp; 3hpw; availability: all courses

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The goal of technology and innovation management is to effectively manage the invention, design, development, production, transfer and use of technology within an organisation. This subject brings together knowledge from engineering and management disciplines. Emphasis is placed on the importance of managing the performance of the entire product and process development cycle. Topics include technological change management, assessment and evaluation of technology, technology policy development, and new product and process development. Within this framework, specific technology management tools and techniques are evaluated and applied. These include quality function deployment, design for manufacture, concurrent engineering and robust design methods.

Typical availability

Autumn semester, City campus Spring semester, City campus Summer session, Hong Kong

49017 Graduate Project (30cp in 1 semester)

30cp; individual supervision; availability: Master of Engineering Postgraduate

A graduate project is a significant body of engineering work that is conducted in a professional engineering manner and is professionally documented in a comprehensive report. The aims of the graduate project are to provide an opportunity for the student to demonstrate their capacity to bring together their advanced skills and knowledge that have been gained as part of their coursework and apply these to a real-world engineering problem. The depth and extent of the project can vary with credit point requirements. The project may involve the development of a new technology, product and/or process, or the application of existing technologies, products and methods in a new way to solve a problem. In certain cases it may be appropriate to undertake a critical review of a method, ideas, a technology or combinations of these. In all cases it is vital that the project can demonstrate a 'value-added' component that the student has originated. The planning, implementation and documentation of the project are supervised by a member of academic staff from the Faculty of Engineering and Information Technology. The scope of the work, the deliverables for assessment and the assessment criteria are negotiated between the student and the academic supervisor and documented in a learning contract that is signed by the student and supervisor(s) (and approved by the director of postgraduate coursework programs). Industry-based projects are highly encouraged and an additional industrial supervisor may be involved. The responsibility of finding a suitable project topic and an academic supervisor rests with the student.

Typical availability

Autumn semester, City campus Spring semester, City campus

49021 Evaluation of Infrastructure Investments

6cp; three modules, each two days; availability: all courses Postgraduate

This subject develops the capability to appraise, analyse and evaluate energy investments within a multidisciplinary framework. Topics include: the context and rationale of project evaluation; characteristics of energy project investments; concepts and methods of financial and economic evaluation of energy investments; issues in costbenefit evaluation; treatment of risk, intangibles, and externalities; environmental considerations in project evaluation; multi-attribute evaluation frameworks; and case studies. Emphasis is placed on achieving depth and balance in all aspects of the evaluation process, with topical case studies providing an application focus.

Typical availability

Autumn semester, City campus

49022 Energy Resources and Technology

6cp; block attendance; availability: all courses Postgraduate

Topics covered in this subject include energy resources and reserves; concepts and principles of resource assessment; regional, national and international resource requirements and availability; resource technology evaluation; and the economic and environmental impacts of resource use.

49023 Energy and Environmental Economics

6cp; three modules, each two days; availability: all courses Postgraduate

Topics include: energy-economy-environment interactions; the micro model (demand, supply and markets); short-run and long-run energy pricing; shadow pricing of energy; the economics of non-renewable and renewable energy resources; intemporal allocation of resources; the economics of the environment; and economic and non-economic principles for environmental valuation. Emphasis is placed on achieving depth and balance in all aspects of the valuation principles, with topical case studies providing an application focus.

49024 Energy Modelling

6cp; three modules, each two days; availability: all courses Postgraduate

This subject covers models and modelling; macroeconomic settings of energy-economy modelling; energy balances; energy input-output analysis; energy aggregating; energy system modelling, energy demand modelling, and modelling of energy economy interactions.

Typical availability

Spring semester, City campus

49025 Methods for Energy Analysis

6cp; three modules, each two days; availability: all courses Postgraduate

This subject covers: probability concepts; sampling and estimation; regression analysis; statistical tests; analysis of variance; simultaneous equations; time series methods; econometric models and applications; and introduction to statistical packages.

Typical availability

Autumn semester, City campus

49026 Electricity Sector Planning and Restructuring

6cp; three modules, each two days; availability: all courses Postgraduate

Topics covered in this subject include nature of electricity planning, economic and technological dimensions of power systems; generation planning and production costing; integrated resource planning; electricity sector restructuring – rationale, models and frameworks; electricity sector privatisation; electricity sector productivity; electricity markets; selected topics on issues relating to the environment, institutional structures, renewable resources, regulation, etc. Emphasis is placed on all aspects of electricity sector planning, restructuring and policy, with topical case studies providing an application focus.

Typical availability

Autumn semester, City campus

49027 Energy Demand Analysis and Forecasting

6cp; block attendance; availability: all courses Postgraduate

This subject looks at the theoretical and analytical concepts and tools used for the understanding of energy demand generation and evolution in relation to socioeconomic development. Students learn methods and models of energy demand projections and explore the various considerations which must be made in the design, implementation and monitoring of an energy demand management policy.

Typical availability

Autumn semester, City campus

49028 Policy and Planning of Energy Conservation

6cp; block attendance; availability: all courses Postgraduate

This subject introduces students to the rationale and context for energy conservation planning and policy; historical perspective of energy conservation; public and private sector interventions and mechanisms for rationalising the design of energy conservation policies; examples and case studies of energy conservation programs at national, sectoral and enterprise levels in developing and industrialised countries; and decision methods for program design.

Typical availability

Spring semester, City campus

49029 Environmental Policy for Energy Systems

6cp; block attendance; availability: all courses Postgraduate

This subject introduces students to policy context; energy resource system analysis; approaches to environmental impact assessment; analysis of pollution effects and control technologies; risk analysis of energy systems; costs and benefits of environmental management; and institutional and regulatory issues.

Typical availability

Spring semester, City campus

49047 Finite Element Analysis

6cp; 3hpw; availability: all courses

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The Finite Element Method (FEM) provides the theoretical basis for computer simulation and analysis of a vast spectrum of engineering problems. The method is used primarily in the field of structural mechanics, to solve stress and vibration problems. Other nonstructural mechanics applications of the method include thermal-, acoustic-, diffusion-, electrostatic- and electro-magnetic problems. This subject is intended as a first subject in finite elements and extends understanding of the method and its application to problems in solid / structural mechanics. Apart from an introduction to the theory of the FEM, it develops problem formulation and modelling skills using state of the art software. Topics include: matrix analysis methods; the derivation of element stiffness matrices of bar and beam elements as well as stiffness matrices of triangular and quadrilateral elements for plane elasticity; work equivalent loads and force matrices; the concept of natural coordinates and isoparametric element formulation; numerical integration and gauss points; finite element modelling techniques; and limitations, errors and solution accuracy of the FEM. The subject is also oriented toward users of the FEM and includes a hands-on laboratory component that requires the use of general purpose finite element programs in assignments or project work.

Typical availability

Spring semester, City campus

This subject is offered in odd years only; it will next be offered in 2013.

49048 Wireless Networking Technologies

6ср

Requisite(s): (48740 Communications Networks AND (120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering)) These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject aims to use knowledge about networks and protocols to develop a detailed understanding of how network functions, such as radio resource management, mobility management, and traffic management, are realised in current wireless networks. Students study the evolution, architecture, functionality, and operation of wireless networking technologies that exist in the market today. These technologies include GSM (Global System Mobile), GPRS (General Packet Radio System), 3G UMTS (Universal Mobile Telecommunication System), 4G, Wireless Local Area Networks (WLAN), and Mobile Network Layer.

Typical availability

Autumn semester, City campus Spring semester, City campus

49049 Air and Noise Pollution

6cp: block mode

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject has two equal components: air pollution and noise pollution. The air pollution topics include: introduction to air pollution; air pollution effects on human health and the environment; air pollution measurement; air pollution control; indoor air quality; air pollution; and global climate change. The noise pollution topics include: introduction to noise pollution; noise control engineering; vibration control; noise measurement; noise-induced hearing loss; and traffic noise.

Typical availability

Spring semester, City campus

49050 Graduate Project (12cp in 1 semester)

12cp; availability: not available in the MEng (C04090) Postgraduate

A graduate project is a significant body of engineering work that is conducted in a professional engineering manner and is professionally documented in a comprehensive report. The aim of the graduate project is to provide an opportunity for students to demonstrate their capacity to bring together their advanced skills and knowledge that have been gained as part of their coursework and apply these to a real-world engineering problem. The depth and extent of the project can vary with credit point requirements. The project may involve the development of a new technology, product and/or process, or the application of existing technologies, products and methods in a new way to solve a problem. In certain cases it may be appropriate to undertake a critical review of a method, ideas, a technology or combinations of these. In all cases it is vital that the project can demonstrate a 'value-added' component that the student has originated. The planning, implementation and documentation of the project are supervised by a member of academic staff from the UTS: Engineering. The scope of the work, the deliverables for assessment and the assessment criteria are negotiated between the student and the academic supervisor and documented in a learning contract that is signed by the student and supervisor(s) (and approved by the director of postgraduate coursework programs). Industry-based projects are highly encouraged and an additional industrial supervisor may be involved. The responsibility of finding a suitable project topic and an academic supervisor rests with the student.

Typical availability

Autumn semester, City campus Spring semester, City campus

49052 Graduate Project (18cp in 1 semester)

18cp; individual supervision; availability: Master of Engineering Postgraduate

The project is a course requirement taken over one or two semesters or, in exceptional circumstances, three. It is undertaken on an individual basis, except in special circumstances approved in advance by the Faculty Board in Engineering and Information Technology, and provides opportunity for the integration and application of advanced skills and knowledge gained in part through other subjects taken during the course. The depth and extent of the project are set on the basis of an agreed project plan submitted by the student to the supervisor, and approved by the director of postgraduate coursework programs. The project may involve: the development of new technology (hardware and/or software); the application of technology; research addressing a significant technical or engineering management issue or in special circumstances; and a critical review in the area of students' concentration, describing key contributions in the field covered by the project work undertaken, results achieved and a discussion of their significance and implications.

Typical availability

Autumn semester, City campus Spring semester, City campus

49058 Graduate Project (24cp in 1 semester)

24cp; individual supervision; availability: Master of Engineering Postgraduate

A graduate project is a significant body of engineering work that is conducted in a professional engineering manner and is professionally documented in a comprehensive report. The aims of the graduate project are to provide an opportunity for students to demonstrate their capacity to bring together their advanced skills and knowledge that have been gained as part of their coursework and apply these to a real-world engineering problem. The depth and extent of the project can vary with credit point requirements.

The project may involve the development of a new technology, product and/or process, or the application of existing technologies, products and methods in a new way to solve a problem. In certain cases it may be appropriate to undertake a critical review of a method, ideas, a technology or combinations of these. In all cases it is vital that the project can demonstrate a 'value-added' component that the student has originated.

The planning, implementation and documentation of the project are supervised by a member of academic staff from the UTS: Engineering. The scope of the work, the deliverables for assessment and the assessment criteria are negotiated between the student and the academic supervisor and documented in a learning contract that is signed by the student and supervisor(s) (and approved by the director of postgraduate coursework programs). Industry-based projects are highly encouraged and an additional industrial supervisor may be involved. The responsibility of finding a suitable project topic and an academic supervisor rests with the student.

Typical availability

Autumn semester, City campus Spring semester, City campus

49069 Leadership and Responsibility

6cn

Postgraduate

This subject develops an understanding of the role of engineering managers as responsible leaders in organisations. It focuses on the need to work through other people, not only subordinates and supervisors, but other managers and leaders. The subject provides a comprehensive review of leadership theory. It teaches that there exists many complex facets of leadership and emphasises the belief that one should not accept a position of trust without accepting the responsibility that goes with it.

However, the art of leadership cannot be learned solely from books or virtual cafes; it needs to be experienced and practised face-to-face. A central teaching element of this subject is class-based activities that require engagement, motivation, critical thinking, verbal communication, group participation and performance under time pressure.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong

49082 Special Course A (2cp)

2cp; normally block attendance; availability: all courses Postgraduate

This subject offers students maximum educational opportunity to benefit from short courses and other learning experiences available through the Faculty of Engineering and Information Technology. Enrolment for credit is approved by the director, postgraduate coursework programs. Approval requires demonstration by the candidate to the director of a special learning need or development opportunity consistent with the other requirements of the candidate's program.

Typical availability

Autumn semester, City campus Spring semester, City campus

49083 Special Course A (3cp)

3cp; normally block attendance; availability: all courses Postgraduate

This subject offers students maximum educational opportunity to benefit from short courses and other learning experiences available through the Faculty of Engineering and Information Technology. Enrolment for credit is approved by the director, postgraduate coursework programs. Approval requires demonstration by the candidate to the director of a special learning need or development opportunity consistent with the other requirements of the candidate's program.

Typical availability

Autumn semester, City campus Spring semester, City campus

49084 Special Course A (4cp)

4cp; normally block attendance; availability: all courses Postgraduate

This subject offers students maximum educational opportunity to benefit from short courses and other learning experiences available through the Faculty of Engineering and Information Technology. Enrolment for credit is approved by the director, postgraduate coursework programs. Approval requires demonstration by the candidate to the director of a special learning need or development opportunity consistent with the other requirements of the candidate's program.

Typical availability

Autumn semester, City campus Spring semester, City campus

49086 Special Course A (6cp)

6cp; normally block attendance; availability: all courses Postgraduate

This subject offers students maximum educational opportunity to benefit from short courses and other learning experiences available through the Faculty of Engineering and Information Technology. Enrolment for credit is approved by the director, postgraduate coursework programs. Approval requires demonstration by the candidate to the director of a special learning need or development opportunity consistent with the other requirements of the candidate's program.

Typical availability

Autumn semester, City campus Spring semester, City campus

49092 Special Course B (2cp)

2cp; normally block attendance; availability: all courses Postgraduate

This subject offers students maximum educational opportunity to benefit from short courses and other learning experiences available through the Faculty of Engineering and Information Technology. Enrolment for credit is approved by the Director, Postgraduate Coursework Programs. Approval requires demonstration by the candidate to the Director of a special learning need or development opportunity consistent with the other requirements of the candidate's program.

Typical availability

Autumn semester, City campus Spring semester, City campus

49093 Special Course B (3cp)

3cp; normally block attendance; availability: all courses Postgraduate

This subject offers students maximum educational opportunity to benefit from short courses and other learning experiences available through the Faculty of Engineering and Information Technology. Enrolment for credit is approved by the director, postgraduate coursework programs. Approval requires demonstration by the candidate to the director of a special learning need or development opportunity consistent with the other requirements of the candidate's program.

Typical availability

Autumn semester, City campus Spring semester, City campus

49094 Special Course B (4cp)

4cp; normally block attendance; availability: all courses Postgraduate

This subject offers students maximum educational opportunity to benefit from short courses and other learning experiences available through the Faculty of Engineering and Information Technology. Enrolment for credit is approved by the director, postgraduate coursework programs. Approval requires demonstration by the candidate to the director of a special learning need or development opportunity consistent with the other requirements of the candidate's program.

Typical availability

Autumn semester, City campus Spring semester, City campus

49096 Special Course B (6cp)

6cp; normally block attendance; availability: all courses Postgraduate

This subject offers students maximum educational opportunity to benefit from short courses and other learning experiences available through the Faculty of Engineering and Information Technology. Enrolment for credit is approved by the director, postgraduate coursework programs. Approval requires demonstration by the candidate to the director of a special learning need or development opportunity consistent with the other requirements of the candidate's program.

Typical availability

Autumn semester, City campus Spring semester, City campus

49098 Engineering Financial Control

6ср

Postgraduate

This subject introduces students to the basics of accounting and financial transactions. The subject is practice based and the transaction section is assessed by input accounting entries into the MYOB accounting system. Financial statements are then examined in detail and the process of accounting for equity and assets is explained. Ratio, breakeven and sensitivity analyses are performed on companies' financial statements to determine how well the businesses are performing.

A budgeted project plan is prepared and costed as part of the assessment and the working capital cycle is explored. Microsoft Project is used for the project budgeting assignment. Financial mathematics and discounted cash flow techniques are used to assess projects and investment decisions. Debt and equity from angels, venture capitalists, banks and informal investors are outlined as potential sources of funding for new projects and opportunities.

Typical availability

Autumn semester, City campus Spring semester, City campus

49099 GSM, GPRS and EDGE Technologies

6cp; 3hpw; availability: all courses

Requisite(s): (48750 Network Planning and Management AND (120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering)] These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject aims to use fundamental knowledge of GSM, GPRS and EDGE cellular radio telecommunications networks to develop a detailed understanding of how certain functions and networking engineering techniques are realised in current commercial networks. Participants study the evolution, architecture, functionality and operation of cellular technologies existing in the market and those soon to be released. These include GSM (Global System for Mobile), HSCSD (High Speed Circuit Switched Data), GPRS (General Packet Radio Service), EDGE (Enhanced Data rate for GSM Evolution), and for inter-working GSM with UMTS (Universal Mobile Telecommunications System). Key aspects of GSM radio engineering, design, expansion and enhancement are explored, including services, coverage, capacity, quality, optimisation and commercial effectiveness. Key themes are designing for spectral efficiency maximisation and achieving Quality of Service KPIs. The design of a complete Radio Sub-system is progressively outlined during the tutorial exercises. A case study applies the process of dimensioning each of the radio network elements, in order to achieve targets of economy, QoS and spectral efficiency.

Typical availability

Autumn semester, City campus

49102 Traffic and Transportation

6cp; block; availability: all courses

Requisite(s): (48370 Road and Transport Engineering AND (120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering)) These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

The objective of this subject is to provide students with the knowledge to implement traffic engineering principles in local government in accordance with current practice in NSW. Student are introduced to standards adopted by the Roads and Traffic Authority NSW and Austroads. The subject provides the basic principles of transportation planning and comprehensive traffic engineering, including technical aspects and the influence of environmental legislation and political factors.

Typical availability

Autumn semester, City campus

49105 Water Supply and Wastewater Management

6cp; block, distance; availability: all courses Postgraduate

This subject concentrates on the design, operation and maintenance of municipal wastewater treatment plants, sewerage systems and water supply systems. At the completion of the subject, students understand drinking water and sewage treatment plants, sewerage systems and water reticulation systems in terms of purpose, basic design concepts, operation and maintenance, identifying and quantifying major problems, and operating these systems to avoid or overcome problems. Subject content includes statutory requirements,

constituents and quality of wastewaters, description, operation and control of treatment process, performance monitoring, sewerage and water reticulation systems, troubleshooting and problem solving.

Typical availability

Autumn semester, City campus

49106 Road Engineering Practice

6cp; block; availability: all courses

Requisite(s): (48370 Road and Transport Engineering AND (120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering)) These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

The aim of this subject is to equip students with the ability to design, construct and maintain roads in accordance with current practice in NSW. This includes pavement design, as well as the geometric design of roads. The subject embraces the standards adopted by the Roads and Traffic Authority NSW, AUSTROADS and the Australian Road Research Board. Particular attention is paid to the requirements of the residential street network. Students also develop an understanding of current issues in road engineering, particularly quality assurance contracts, road safety needs of pedestrians and cyclists, and the use of innovative techniques in road construction and maintenance.

Typical availability

Spring semester, City campus

49107 Urban Stormwater Design

6cp; block; availability: all courses

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Postgraduate

This subject aims to teach students to design urban drainage structures such as culverts, WSUD and OSD systems. Students also learn to design property, street pipe and trunk drainage systems. A further objective is to familiarise students with methods of urban drainage design set out in recent manuals, with an emphasis on flood protection and integration with stormwater quality enhancement. The subject also provides an overview of rural design flood estimation, erosion protection, flood mitigation and coastal engineering.

Typical availability

Autumn semester, City campus

49108 Local Government Powers and Practice

6cp; distance; availability: all courses

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

Note: This subject is not suitable for international and/or exchange students unless they plan to practise in NSW.

This subject aims to provide the local government engineer with the necessary skills to operate within the legal framework of legislative requirements and procedures governing local government in NSW; provide appropriate knowledge of the law, to operate effectively within environmental, economic, social and physical constraints; and provide the knowledge and expertise to manage the environment in a practical and effective manner. It covers the history of local government in NSW, the local government engineer as a senior officer, the *Local Government Act* 1993 and companion legislation, Local Government Regulations and the *Roads Act* 1993.

Typical availability

Autumn semester, City campus

49109 Engineered Natural Water Treatment Systems

6cp; block, distance

Requisite(s): 120 credit points of completed study C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study C10066 Bachelor of Engineering Science OR 120 credit points of completed study C10067 Bachelor of Engineering These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Postgraduate

Current approaches to environmental management of land and water resources increasingly focus on engineered natural systems for many types of wastewaters. They seek to enhance the natural biogeochemical environment for the treatment of hazardous contaminants. These systems include stabilisation ponds, effluent irrigation and wetlands. They are applied to stormwater management, septic effluent, and polluted surface and groundwater. The effective design of these systems requires the ability to predict the behavior of a chemical substance in a soil- or aquatic-based system. This subject examines a range of engineered natural systems and how the characteristics of various wastewaters impact upon contaminant reactivity within those engineered environmental systems. Students develop an understanding of the selection, design and operation of these systems.

Typical availability

Autumn semester, City campus and distance

49110 3G Mobile Communication Systems

6cp

Requisite(s): (49048 Wireless Networking Technologies AND (120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering)) These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject aims to use fundamental knowledge of 3G and UMTS (Universal Mobile Telecommunications System) to develop a detailed understanding of how services, network functions, radio and other network management techniques are realised in current UMTS networks. Participants study the evolution, architecture, functionality, and operation of 3G and UMTS technologies and future 4G technologies. The subject covers evolution of mobile communication, standardisation, UMTS services and applications, network architecture, WCDMA: principles, radio resource management, UMTS traffic management, UMTS signalling, UMTS network planning, HSDPA and LTE.

Typical availability

Spring semester, City campus

49115 Facade Engineering

6cp

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject introduces students to the concepts and techniques involved in facade engineering and their application to the design and procurement of cladding systems. A building's facade needs to satisfy a complex range of performance criteria, including the exclusion of adverse weather (wind and rain) and the moderating of heat, light, and sound. At the same time the facade needs to be durable and safe (structurally sound).

Students in this subject develop an understanding of the various types of facades such as masonry, concrete and glazed curtain walls, and the fundamental design principles that underpin their performance.

In addition, this subject intends to bridge the gap between consultant and contractor in order to adopt a holistic approach toward the design and procurement of a building's facade.

The subject also aims to apply the principles learnt in structural engineering to building materials such as aluminium, glass, and structural adhesives that are commonly used in facade construction, together with the compatability and durability issues that they must satisfy.

Typical availability

Autumn semester, City campus

Offered in even years only. This subject will next be offered in Autumn 2012.

49116 Contaminated Site and Waste Remediation

6cp; block, distance

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

There is an increasing need to remediate contaminated sites and manage hazardous wastes. It can be technically challenging due to complex biogeochemical interactions between waste, rocks, water and microbes in response to physical and chemical manipulation. There is a need for remediation practitioners to be able to conceptualise these systems and simulate the processes involved. This subject examines a range of contaminant remediation systems, important geochemical processes and contaminants. An integral part of the subject is the application of geochemical modelling codes to practical remediation problems.

Typical availability

Spring semester, City campus

49117 Floodplain Risk Management in NSW

6cp; block; availability: postgraduate students only Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject aims to teach students the main elements of floodplain risk management (FRM) as practised in New South Wales. The FRM process in NSW provides for informed decision-making in the strategic management of flood risk through an appropriate:

- understanding of flood behaviour in the catchment in its current condition and in considering the long term development of the catchment
- understanding of the variation in hazard across the floodplain and its different sources and the associated consequences for existing and future development
- assessment of options to manage flood risk to existing development through mitigation measures from a broad perspective consistent with the NSW Flood Prone Land Policy
- assessment of options to develop the floodplain in consideration
 of flood hazard and behaviour to ensure that development
 extents and conditions are consistent with the maintenance of
 flood behaviour, the residual flood hazard and the objectives
 of the policy.

The subject is aimed at a wide body of students seeking a detailed knowledge and background in FRM and associated land use planning issues in NSW. The subject is supported by the NSW Department of Environment and Climate Change and the Floodplain Management Authorities of NSW.

Typical availability

Spring semester, City campus

49118 Applied Geotechnics

6cp

Requisite(s): (48330 Soil Behaviour AND (120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering)]

These requisites may not apply to students in certain courses. See

These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

The purpose of this subject is to provide practical awareness and advanced problem solving techniques to students who wish to widen their analysis and design skills in the field of geotechnical engineering. The subject comprises lectures, design studies, laboratory sessions, detailed design projects and individual technical presentations. The syllabus covers revision of soil mechanics, foundation design, introduction to rock mechanics, geotechnical aspects of pavements, excavation methods and supporting systems, introduction to embankment dams, geotechnical aspects of landfills, tunnelling and laboratory testing techniques and limitations.

Typical availability

Spring semester, City campus

49119 Problematic Soils and Ground Improvement Techniques

6cp

Requisite(s): ((120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering) AND 48360 Geotechnical Engineering AND 48330 Soil Behaviour)

These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

The main purpose of this subject is to study the properties of problematic soils and the associated difficulties related to the construction of structures on these soils and also to introduce the design principles in ground improvement techniques. Major emphasis of this subject is on understanding the concept of failure in soil mechanics and being able to recommend suitable ground improvement methods for a range of problematic soils. Topics include classification of problematic soils, and the associated problems; design and construction methods including compaction, reinforcement, preloading, grouting, dynamic replacement, deep soil mixing, concrete columns, design and construction methods of slope stabilisation methods; as well as design and installation of monitoring devices to observe behaviour of the improved ground.

Typical availability

Autumn semester, City campus.

49121 Environmental Assessment and Planning

6cp; block, distance; availability: all courses (core for MEEM)
Requisite(s): 120 credit points of completed study in C10061
Bachelor of Engineering Diploma in Engineering Practice OR 120
credit points of completed study in C10066 Bachelor of Engineering
Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject analyses the principles of sustainable development and the expectations it places on various aspects of human interaction with the environment. Existing and proposed measures by governments are examined in the areas of environmental legislation, environmental economics and land use planning in relation to sustainable development.

Typical availability

Spring semester, City campus

49122 Ecology and Sustainability

6cp; block, distance; availability: all courses (core for MEEM)
Requisite(s): 120 credit points of completed study in C10061
Bachelor of Engineering Diploma in Engineering Practice OR 120
credit points of completed study in C10066 Bachelor of Engineering
Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The aim of this subject is for students to examine the fundamental principles of ecological systems and biodiversity, and in the context of ecological sustainable development gain an understanding of the effect of human impact on these systems. Environmental problems relating to air, water, soil and noise pollution, greenhouse and the disposal of solid and hazardous waste will be studied. Using local and regional case studies, students will learn to evaluate and develop strategies and management practices to achieve sustainable solutions for these problems and examine other areas such as ecotourism and industrial ecology.

Typical availability

Spring semester, City campus

49123 Waste and Pollution Management

6cp; block, distance; availability: all courses (core for MEEM)
Requisite(s): 120 credit points of completed study in C10061
Bachelor of Engineering Diploma in Engineering Practice OR 120
credit points of completed study in C10066 Bachelor of Engineering
Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

In this subject waste minimisation and pollution control are treated in an integrated and comprehensive manner, permitting evaluation of benefits of waste minimisation to industry and of pollution reduction in the environment. Students are introduced to leading edge technologies of waste minimisation and pollution control such as membrane processes; raw materials extraction and refinement; product development including design, manufacture, use, re-use/recycling and environmental auditing of the product life cycle. An understanding of management techniques for solid/hazardous and liquid wastes is developed. Other topics comprehensively covered include institutional barriers to improving the technologies of waste technology and management practices adopted in domestic waste, the paper industry, metal plating industry, food and dairy industry, household waste and water recycling in buildings.

Typical availability

Autumn semester, City campus

49124 Water Quality Management

6cp; block, distance; availability: all courses (core for MEEM)
Requisite(s): 120 credit points of completed study in C10061
Bachelor of Engineering Diploma in Engineering Practice OR 120
credit points of completed study in C10066 Bachelor of Engineering
Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The focus of this subject is integrated catchment management. It examines water systems including natural water bodies (streams, estuaries, groundwater), and related human infrastructure (water supply, sewerage and stormwater drainage systems), and provides an assessment of the impacts and methods of monitoring pollution in these environments in relation to water quality, natural flora and fauna, aesthetics and public health. It provides students with a general knowledge of these systems, their vulnerability to pollution and degradation, and remedial measures. Particular emphasis is given to water quality in urban environments.

Typical availability

Spring semester, City campus

49125 Environmental Risk Assessment

6cp; 3hpw; distance; availability: all courses (core for MEEM)
Requisite(s): 120 credit points of completed study in C10061
Bachelor of Engineering Diploma in Engineering Practice OR 120
credit points of completed study in C10066 Bachelor of Engineering
Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The objectives of this subject are to introduce graduates working in environmental engineering, auditing or impact assessment and senior undergraduates from any faculty of the University, to the study of risk assessment in relation to environmental issues. Students gain an understanding of the concepts of risk perception, risk communication, risk acceptability and risk modification and their application to impact assessment and environmental management planning decisions Students also learn how to undertake a risk assessment and how to critically review a risk assessment.

Typical availability

Spring semester, City campus

49126 Environmental Management of Land

6cp; block, distance; availability: all courses (core for MEEM)
Requisite(s): 120 credit points of completed study in C10061
Bachelor of Engineering Diploma in Engineering Practice OR 120
credit points of completed study in C10066 Bachelor of Engineering
Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject examines the basic concepts and principles of land resource compilation requirements for environmental planning and management.

Topics include management strategies for wetland development, coastal rehabilitation, as well as for landscapes with acid sulphate soil, salinity and contamination problems. Knowledge is also gained in environmental auditing and in visual assessment used in landscape design. On completion the student should be able to interpret and critically evaluate the affects of physical and social limitations on urban and semi-urban land use change and devise sustainable development and management strategies.

Typical availability

Autumn semester, City campus

49127 On-site Water and Wastewater Treatment

6cp; block attendance; availability: all courses Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

Due to increased urban sprawl, the development of on-site water and wastewater treatment systems is becoming more commonplace in unsewered parts of Australia. This subject introduces students to the different types of on-site systems available for water supply and wastewater management for single households or small complexes of units. The subject introduces students to the different technical aspects and allows them to develop skills in the design and operation of these systems. This subject will also look at the overall management

of water from water supply to wastewater generation, treatment, and re-use on-site through irrigation. One aspect of the subject is to look at the different types of systems available in Australia and understand the technology that is applied. Current environmental legislation related to on-site wastewater treatment and disposal, its strengths and its shortcomings are also covered in this subject.

Typical availability

Spring semester, City campus

49128 Structural Engineering Review 1

6cn

Postgraduate

The subject description is available from UTS: Engineering.

49129 Structural Engineering Review 2

6ср

Postgraduate

The subject description is available from UTS: Engineering.

49131 Bridge Design

6cp; 2hpw block attendance; availability: all courses Requisite(s): (48389 Computer Modelling and Design AND (120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering)) These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject introduces students to the fundamentals of design, maintenance and management of road bridges, using a problem-based learning approach that focuses on extensive use of examples from practice and detailed case studies. Three essential themes are used to cover the course material: overview of appropriate structural forms for bridges; load and analysis models/methods for designing bridges and quantifying structural behaviour; and management of bridge assets, including inspection and assessment techniques and maintenance and rehabilitation technologies. The subject is unique in that it not only covers design issues for Australian conditions, but also addresses the critical area of maintenance and rehabilitation using 'state of the art' technologies. The course material has been developed jointly by specialist bridge engineers from the Centre for Built Infrastructure Research at UTS and bridge section of the Roads and Traffic Authority NSW.

Typical availability

Spring semester, City campus

49132 Stability of Structures

6cp; 3hpw; availability: all courses

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Postgraduate

This subject examines the stability and non-linear response of load bearing structures. Factors which contribute to the onset of buckling in single members and slender frames are introduced using examples of rigid-bar/spring systems. The equations governing the elastic behaviour of slender members subjected to the combined actions of compression and flexure are derived including their matrix notation. Topics include: non-linear response and stability of beam columns, second-order elastic analysis of plane frames and inelastic buckling of columns; and concepts used in design standards such as equivalent moment, effective length factors and moment amplification. In addition, students are given a brief introduction to matrix methods of structural analysis and learn how to assess the stability of practical frames using computer-based methods.

49133 Steel and Composite Design

6cp; 3hpw; availability: all courses

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: assumed knowledge is of structural steel design to AS4100 Steel Structures for beams, columns and beam-columns and also of the fundamentals of solid mechanics and of the structural analysis of indeterminate structures.

Postgraduate

Assumed knowledge is of structural steel design to AS4100 Steel Structures for beams, columns and beam-columns. With this basis of assumed knowledge, this subject introduces students to the plastic analysis of statically indeterminate steel beams and simple frames and the consequent design requirements of AS4100. The subject also introduces students to the analysis and design of composite steel and concrete beams to AS2327 Composite Structures, of concrete slabs acting compositely with permanent steel formwork, with some reference to AS4600 Cold Formed Steel Structures and, briefly, of composite columns and composite connections. Further, there may be an introduction to structural steel design for torsion.

Typical availability

This subject is not currently offered. Students interested in this subject are advised to consult with the head of the School of Civil and Environmental Engineering.

Note(s)

The requisite information presented in this subject description covers only academic requisites. Full details of enforced rules, covering both academic and admission requisites, are available at Access_conditions and My Student Admin.

49134 Structural Dynamics and Earthquake Engineering

6cp; 3hpw or block attendance; availability: all courses Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject introduces students to the concepts and techniques of structural dynamics and their application to the design and analysis of dynamically sensitive structures such as tall buildings, towers, chimneystacks and footbridges. Students develop: an understanding of the nature of dynamic (time varying) loads, with particular emphasis on earthquake loads; the ability to assess the response of civil engineering structures to such loads, taking into account load-structure interaction; and structural design approaches satisfying both strength and serviceability requirements.

Typical availability

Spring semester, City campus

49135 Wind Engineering

6cp; 3hpw; availability: all courses

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject introduces basic concepts and fundamental principles in wind engineering and their application to structural design and analysis of structures, such as buildings, towers, chimney stacks and bridges, in accordance with strength and serviceability limit-states design criteria. On completion, students understand the nature of wind loads acting on buildings due to along and cross-wind actions, and be able to prevent aerodynamic instabilities such as flutter, galloping, torsional divergence and others by proper design. Wind tunnel testing techniques for determining wind-induced dynamic response of structures and cladding pressures are introduced, and the environmental effects of severe winds around buildings and other structures are studied in terms of human safety and comfort.

49136 Application of Timber in Engineering Structures

6cp; 3hpw; availability: all courses

Requisite(s): (48389 Computer Modelling and Design AND (120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering)) These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject presents recent advances that have enhanced the role of timber as a versatile renewable resource with a wide range of applications in engineered structures. It familiarises students with the structural behaviour of timber and timber-based manufactured products to facilitate the choice of materials, design, construction and maintenance procedures to produce cost-effective, durable and aesthetically pleasing structures. Quality control and reliability issues form an important focus. Particular requirements of residential large span industrial structures (including connection design), and multistorey buildings and bridges and the use of the limit-states version of AS1720 are addressed.

Typical availability

Spring semester, City campus

49143 Civil Engineering Review 1

6ср

Postgraduate

The subject description is available from UTS: Engineering.

49144 Civil Engineering Review 2

6ср

The subject description is available from UTS: Engineering.

49147 Graduate Project 30cp (Part 1 of 3) (6cp + 12cp + 12cp)

6cp; individual supervision; availability: Master of Engineering Postgraduate

A graduate project is a significant body of engineering work that is conducted in a professional manner and documented in a comprehensive report. It provides an opportunity for the student to demonstrate their capacity to bring together their advanced skills and knowledge gained as part of their coursework, and apply these to a real-world engineering problem. The depth and extent of the project can vary with credit point requirements.

The project may involve the development of a new technology, product and/or process, or the application of existing technologies, products and methods in a new way to solve a problem. In certain cases it may be appropriate to undertake a critical review of a method, ideas, a technology or combinations of these. In all cases it is vital that the project can demonstrate a 'value-added' component that the student has originated.

The planning, implementation and documentation of the project are supervised by a member of UTS: Engineering academic staff. The scope of the work, the deliverables for assessment and the assessment criteria are negotiated between the student and the academic supervisor and documented in a learning contract that is signed by the student and supervisor(s) (and approved by the director of postgraduate coursework programs). Industry-based projects are highly encouraged and an additional industrial supervisor may be involved. The responsibility of finding a suitable project topic and an academic supervisor rests with the student.

Typical availability

Autumn semester, City campus Spring semester, City campus

49148 Graduate Project 30cp (Part 2 of 3) (6cp + 12cp + 12cp)

12cp; individual supervision; availability: Master of Engineering Postgraduate

A graduate project is a significant body of engineering work that is conducted in a professional manner and is documented in a comprehensive report. It provides an opportunity for students to demonstrate their advanced skills and knowledge that have been gained as part of their coursework and apply these to a real-world engineering problem. The depth and extent of the project can vary with credit point requirements.

The project may involve the development of a new technology, product and/or process, or the application of existing technologies, products and methods in a new way, to solve a problem. In certain cases it may be appropriate to undertake a critical review of a method, ideas, a technology or combinations of these. In all cases it is vital that the project can demonstrate a 'value-added' component that the student has originated.

The planning, implementation and documentation of the project are supervised by a member of UTS: Engineering academic staff. The scope of the work, the deliverables for assessment and the assessment criteria are negotiated between the student and the academic supervisor and documented in a learning contract that is signed by the student and supervisor(s) (and approved by the director of postgraduate coursework programs). Industry-based projects are highly encouraged and an additional industrial supervisor may be involved. The responsibility of finding a suitable project topic and an academic supervisor rests with the student.

Typical availability

Autumn semester, City campus Spring semester, City campus

49149 Graduate Project 30cp (Part 3 of 3) (6cp + 12cp + 12cp)

12cp; individual supervision; availability: Master of Engineering, Master of Engineering Studies (Honours) Postgraduate

A graduate project is a significant body of engineering work that is conducted in a professional manner and is documented in a comprehensive report. It provides an opportunity for students to demonstrate their advanced skills and knowledge that have been gained as part of their coursework and apply these to a real-world engineering problem. The depth and extent of the project can vary with credit point requirements.

The project may involve the development of a new technology, product and/or process, or the application of existing technologies, products and methods in a new way, to solve a problem. In certain cases it may be appropriate to undertake a critical review of a method, ideas, a technology or combinations of these. In all cases it is vital that the project can demonstrate a 'value-added' component that the student has originated.

The planning, implementation and documentation of the project are supervised by a member of UTS: Engineering academic staff. The scope of the work, the deliverables for assessment and the assessment criteria are negotiated between the student and the academic supervisor and documented in a learning contract that is signed by the student and supervisor(s) (and approved by the director of postgraduate coursework programs). Industry-based projects are highly encouraged and an additional industrial supervisor may be involved. The responsibility of finding a suitable project topic and an academic supervisor rests with the student.

Typical availability

Autumn semester, City campus Spring semester, City campus

49150 Prestressed Concrete Design

6cp; 3hpw; availability: all courses

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: knowledge of linear-elastic analysis of cracked and uncracked PSC sections, equivalent loads and load-balancing techniques for PSC beams, design to AS 3600 Concrete Structures for ultimate moment capacity, shear and strength at transfer of statically determinate PSC beams, and the fundamentals of the structural analysis of indeterminate structures Postgraduate

It is assumed that students have a knowledge of linear elastic analysis of uncracked and cracked sections, equivalent loads and load balancing techniques and design for ultimate moment capacity and strength at transfer. On the basis of this assumed knowledge, analysis and design for shear and end block reinforcement in prestressed concrete beams will be covered initially; analysis and design of tension members, compression members, continuous beams and continuous flat slabs, in accordance with the requirements of the current version of AS3600 Concrete Structures will then be covered. In addition, the subject may also cover analysis and design for torsion or of bandbeam slab systems.

Typical availability

Spring semester, City campus

49151 Concrete Technology and Practice

6cp; 3hpw; availability: all courses

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject develops advanced engineering knowledge and capabilities pertaining to the specification, production, properties, testing and application of concrete as a construction material. Mini individual projects focusing on topics related to the subject content will form part of the learning process.

Topics include concrete fundamentals, concrete production and quality control, environmental concrete, deformation and cracking of concrete, testing of concrete and special concrete.

Typical availability

Spring semester, City campus

This subject is offered in odd years only; it will next be offered in 2013.

49152 Rehabilitation of Concrete Structures

6cp; 3hpw; availability: all courses

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject provides understanding of the following: damages and the causes for damages in reinforced concrete structures; methods for condition monitoring testing and interpretation; repair materials selection and repair techniques; methods of protection and maintenance; specification for durable concrete structures; traditional and modern processes for strengthening of damaged and undamaged structures; and life-cycle prediction. An individual project forms the essential component of this subject.

Typical availability

Autumn semester, City campus

This subject is offered in odd years only; it will next be offered in 2013.

49153 Graduate Project 30cp (Part 1 of 2) (2 x 15cp)

15cp; individual supervision over one semester; availability: Master of Engineering, Master of Engineering Studies (Honours)
Postgraduate

The project is a course requirement taken over one or two semesters or, in exceptional circumstances, three. It is undertaken on an individual basis, except in special circumstances approved in advance by the Faculty Board in Engineering, and provides opportunity for the integration and application of advanced skills and knowledge gained in part through other subjects taken during the course. The depth and extent of the project varies with credit-point requirements. These are set on the basis of an agreed project plan submitted by the student to the supervisor, and approved by the Director, Postgraduate Coursework Programs. The project may involve: the development of new technology (hardware and/or software); the application of technology; research addressing a significant technical or engineering management issue or in special circumstances; and a critical review in the area of the student's concentration, describing key contributions in the field covered by the project work undertaken, results achieved and a discussion of their significance and implications.

Typical availability

Autumn semester, City campus Spring semester, City campus

49154 Graduate Project 30cp (Part 2 of 2) (2 x 15cp)

15cp; individual supervision over one semester; availability: Master of Engineering, Master of Engineering Studies (Honours)
Postgraduate

The project is a course requirement taken over one or two semesters or, in exceptional circumstances, three. It is undertaken on an individual basis, except in special circumstances approved in advance by the Faculty Board in Engineering, and provides opportunity for the integration and application of advanced skills and knowledge gained in part through other subjects taken during the course. The depth and extent of the project varies with credit-point requirements. These are set on the basis of an agreed project plan submitted by the student to the supervisor, and approved by the Director, Postgraduate Coursework Programs. The project may involve: the development of new technology (hardware and/or software); the application of technology; research addressing a significant technical or engineering management issue or in special circumstances; and a critical review in the area of the student's concentration, describing key contributions in the field covered by the project work undertaken, results achieved and a discussion of their significance and implications.

Typical availability

Autumn semester, City campus Spring semester, City campus

49155 Graduate Project 30cp (Part 1 of 3) (3 x 10cp)

10cp; individual supervision over one semester; availability: Master of Engineering, Master of Engineering Studies (Honours)
Postgraduate

The project is a course requirement taken over one or two semesters or, in exceptional circumstances, three. It is undertaken on an individual basis, except in special circumstances approved in advance by the Faculty Board in Engineering, and provides opportunity for the integration and application of advanced skills and knowledge gained in part through other subjects taken during the course. The depth and extent of the project varies with credit-point requirements. These are set on the basis of an agreed project plan submitted by the student to the supervisor, and approved by the $\hat{D}irector$, PostgraduateCoursework Programs. The project may involve: the development of new technology (hardware and/or software); the application of technology; research addressing a significant technical or engineering management issue or in special circumstances; and a critical review in the area of the student's concentration, describing key contributions in the field covered by the project work undertaken, results achieved and a discussion of their significance and implications.

Typical availability

Autumn semester, City campus Spring semester, City campus

49156 Graduate Project 30cp (Part 2 of 3) (3 x 10cp)

10cp; individual supervision over one semester; availability: Master of Engineering, Master of Engineering Studies (Honours)
Postgraduate

The project is a course requirement taken over one or two semesters or, in exceptional circumstances, three. It is undertaken on an individual basis, except in special circumstances approved in advance by the Faculty Board in Engineering, and provides opportunity for the integration and application of advanced skills and knowledge gained in part through other subjects taken during the course. The depth and extent of the project varies with credit-point requirements. These are set on the basis of an agreed project plan submitted by the student to the supervisor, and approved by the Director, Postgraduate Coursework Programs. The project may involve: the development of new technology (hardware and/or software); the application of technology; research addressing a significant technical or engineering management issue or in special circumstances; and a critical review in the area of the student's concentration, describing key contributions in the field covered by the project work undertaken, results achieved and a discussion of their significance and implications.

Typical availability

Autumn semester, City campus Spring semester, City campus

49157 Graduate Project 30cp (Part 3 of 3) (3 x 10cp)

10cp; individual supervision over one semester; availability: Master of Engineering, Master of Engineering Studies (Honours)
Postgraduate

The project is a course requirement taken over one or two semesters or, in exceptional circumstances, three. It is undertaken on an individual basis, except in special circumstances approved in advance by the Faculty Board in Engineering, and provides opportunity for the integration and application of advanced skills and knowledge gained in part through other subjects taken during the course. The depth and extent of the project varies with credit-point requirements. These are set on the basis of an agreed project plan submitted by the student to the supervisor, and approved by the Director, Postgraduate Coursework Programs. The project may involve: the development of new technology (hardware and/or software); the application of technology; research addressing a significant technical or engineering management issue or in special circumstances; and a critical review in the area of the student's concentration, describing key contributions in the field covered by the project work undertaken, results achieved and a discussion of their significance and implications.

Typical availability

Autumn semester, City campus Spring semester, City campus

49183 Graduate Project 18cp (Part 1 of 2) (2 x 9cp)

9cp; individual supervision over one semester; availability: Master of Engineering, Master of Engineering Studies (Honours)
Postgraduate

The project is a course requirement taken over one or two semesters or, in exceptional circumstances, three. It is undertaken on an individual basis, except in special circumstances approved in advance by the Faculty Board in Engineering, and provides opportunity for the integration and application of advanced skills and knowledge gained in part through other subjects taken during the course. The depth and extent of the project varies with credit-point requirements. These are set on the basis of an agreed project plan submitted by the student to the supervisor, and approved by the Director, Postgraduate Coursework Programs. The project may involve: the development of new technology (hardware and/or software); the application of technology; research addressing a significant technical or engineering management issue or in special circumstances; and a critical review in the area of the student's concentration, describing key contributions in the field covered by the project work undertaken, results achieved and a discussion of their significance and implications.

Typical availability

Autumn semester, City campus Spring semester, City campus

49184 Graduate Project 18cp (Part 2 of 2) (2 x 9cp)

9cp; individual supervision over one semester; availability: Master of Engineering, Master of Engineering Studies (Honours)
Postgraduate

The project is a course requirement taken over one or two semesters or, in exceptional circumstances, three. It is undertaken on an individual basis, except in special circumstances approved in advance by the Faculty Board in Engineering, and provides opportunity for the integration and application of advanced skills and knowledge gained in part through other subjects taken during the course. The depth and extent of the project varies with credit-point requirements. These are set on the basis of an agreed project plan submitted by the student to the supervisor, and approved by the Director, Postgraduate Coursework Programs. The project may involve: the development of new technology (hardware and/or software); the application of technology; research addressing a significant technical or engineering management issue or in special circumstances; and a critical review in the area of the student's concentration, describing key contributions in the field covered by the project work undertaken, results achieved and a discussion of their significance and implications.

Typical availability

Autumn semester, City campus Spring semester, City campus

49187 Graduate Project 24cp (Part 1 of 2) (2 x 12cp)

12cp; individual supervision over one semester; availability: Master of Engineering, Master of Engineering Studies (Honours)
Postgraduate

The project is a course requirement taken over one or two semesters or, in exceptional circumstances, three. It is undertaken on an individual basis, except in special circumstances approved in advance by the Faculty Board in Engineering, and provides opportunity for the integration and application of advanced skills and knowledge gained in part through other subjects taken during the course. The depth and extent of the project varies with credit-point requirements. These are set on the basis of an agreed project plan submitted by the student to the supervisor, and approved by the Director, Postgraduate Coursework Programs. The project may involve: the development of new technology (hardware and/or software); the application of technology; research addressing a significant technical or engineering management issue or in special circumstances; and a critical review in the area of the student's concentration, describing key contributions in the field covered by the project work undertaken, results achieved and a discussion of their significance and implications.

Typical availability

Autumn semester, City campus Spring semester, City campus

49188 Graduate Project 24cp (Part 2 of 2) (2 x 12cp)

12cp; individual supervision over one semester; availability: Master of Engineering, Master of Engineering Studies (Honours)
Postgraduate

The project is a course requirement taken over one or two semesters or, in exceptional circumstances, three. It is undertaken on an individual basis, except in special circumstances approved in advance by the Faculty Board in Engineering, and provides opportunity for the integration and application of advanced skills and knowledge gained in part through other subjects taken during the course. The depth and extent of the project varies with credit-point requirements. These are set on the basis of an agreed project plan submitted by the student to the supervisor, and approved by the Director, Postgraduate Coursework Programs. The project may involve: the development of new technology (hardware and/or software); the application of technology; research addressing a significant technical or engineering management issue or in special circumstances; and a critical review in the area of the student's concentration, describing key contributions in the field covered by the project work undertaken, results achieved and a discussion of their significance and implications.

Typical availability

Autumn semester, City campus Spring semester, City campus

49189 Graduate Project 18cp (Part 1 of 3) (3 x 6cp)

6cp; individual supervision over one semester; availability: Master of Engineering, Master of Engineering Studies (Honours)
Postgraduate

The project is a course requirement taken over one or two semesters or, in exceptional circumstances, three. It is undertaken on an individual basis, except in special circumstances approved in advance by the Faculty Board in Engineering, and provides opportunity for the integration and application of advanced skills and knowledge gained in part through other subjects taken during the course. The depth and extent of the project varies with credit-point requirements. These are set on the basis of an agreed project plan submitted by the student to the supervisor, and approved by the Director, Postgraduate Coursework Programs. The project may involve: the development of new technology (hardware and/or software); the application of technology; research addressing a significant technical or engineering management issue or in special circumstances; and a critical review in the area of the student's concentration, describing key contributions in the field covered by the project work undertaken, results achieved and a discussion of their significance and implications.

Typical availability

Autumn semester, City campus Spring semester, City campus

49190 Graduate Project 18cp (Part 2 of 3) (3 x 6cp)

6cp; individual supervision over one semester; availability: Master of Engineering, Master of Engineering Studies (Honours)
Postgraduate

The project is a course requirement taken over one or two semesters or, in exceptional circumstances, three. It is undertaken on an individual basis, except in special circumstances approved in advance by the Faculty Board in Engineering, and provides opportunity for the integration and application of advanced skills and knowledge gained in part through other subjects taken during the course. The depth and extent of the project varies with credit-point requirements. These are set on the basis of an agreed project plan submitted by the student to the supervisor, and approved by the Director, Postgraduate Coursework Programs. The project may involve: the development of new technology (hardware and/or software); the application of technology; research addressing a significant technical or engineering management issue or in special circumstances; and a critical review in the area of the student's concentration, describing key contributions in the field covered by the project work undertaken, results achieved and a discussion of their significance and implications.

Typical availability

Autumn semester, City campus Spring semester, City campus

49191 Graduate Project 18cp (Part 3 of 3) (3 x 6cp)

6cp; individual supervision over one semester; availability: Master of Engineering, Master of Engineering Studies (Honours)
Postgraduate

The project is a course requirement taken over one or two semesters or, in exceptional circumstances, three. It is undertaken on an individual basis, except in special circumstances approved in advance by the Faculty Board in Engineering, and provides opportunity for the integration and application of advanced skills and knowledge gained in part through other subjects taken during the course. The depth and extent of the project varies with credit-point requirements. These are set on the basis of an agreed project plan submitted by the student to the supervisor, and approved by the Director, Postgraduate Coursework Programs. The project may involve: the development of new technology (hardware and/or software); the application of technology; research addressing a significant technical or engineering management issue or in special circumstances; and a critical review in the area of the student's concentration, describing key contributions in the field covered by the project work undertaken, results achieved and a discussion of their significance and implications.

Typical availability

Autumn semester, City campus Spring semester, City campus

49192 Graduate Project 24cp (Part 1 of 3) (3 x 8cp)

8cp; individual supervision over one semester; availability: Master of Engineering, Master of Engineering Studies (Honours)
Postgraduate

The project is a course requirement taken over one or two semesters or, in exceptional circumstances, three. It is undertaken on an individual basis, except in special circumstances approved in advance by the Faculty Board in Engineering, and provides opportunity for the integration and application of advanced skills and knowledge gained in part through other subjects taken during the course. The depth and extent of the project varies with credit-point requirements. These are set on the basis of an agreed project plan submitted by the student to the supervisor, and approved by the Director, Postgraduate Coursework Programs. The project may involve: the development of new technology (hardware and/or software); the application of technology; research addressing a significant technical or engineering management issue or in special circumstances; and a critical review in the area of the student's concentration, describing key contributions in the field covered by the project work undertaken, results achieved and a discussion of their significance and implications.

Typical availability

Autumn semester, City campus Spring semester, City campus

49193 Graduate Project 24cp (Part 2 of 3) (3 x 8cp)

8cp; individual supervision over one semester; availability: Master of Engineering, Master of Engineering Studies (Honours)
Postgraduate

The project is a course requirement taken over one or two semesters or, in exceptional circumstances, three. It is undertaken on an individual basis, except in special circumstances approved in advance by the Faculty Board in Engineering, and provides opportunity for the integration and application of advanced skills and knowledge gained in part through other subjects taken during the course. The depth and extent of the project varies with credit-point requirements. These are set on the basis of an agreed project plan submitted by the student to the supervisor, and approved by the Director, Postgraduate Coursework Programs. The project may involve: the development of new technology (hardware and/or software); the application of technology; research addressing a significant technical or engineering management issue or in special circumstances; and a critical review in the area of the student's concentration, describing key contributions in the field covered by the project work undertaken, results achieved and a discussion of their significance and implications.

Typical availability

Autumn semester, City campus Spring semester, City campus

49194 Graduate Project 24cp (Part 3 of 3) (3 x 8cp)

8cp; individual supervision over one semester; availability: Master of Engineering, Master of Engineering Studies (Honours)
Postgraduate

The project is a course requirement taken over one or two semesters or, in exceptional circumstances, three. It is undertaken on an $individual\, \hat{b}as is, except\, in\, special\, circumstances\, approved\, in\, advance$ by the Faculty Board in Engineering, and provides opportunity for the integration and application of advanced skills and knowledge gained in part through other subjects taken during the course. The depth and extent of the project varies with credit-point requirements. These are set on the basis of an agreed project plan submitted by the student to the supervisor, and approved by the Director, Postgraduate Coursework Programs. The project may involve: the development of new technology (hardware and/or software); the application of technology; research addressing a significant technical or engineering management issue or in special circumstances; and a critical review in the area of the student's concentration, describing key contributions in the field covered by the project work undertaken, results achieved and a discussion of their significance and implications.

Typical availability

Autumn semester, City campus Spring semester, City campus

49195 Graduate Project 18cp (Part 1 of 2) (6cp + 12cp)

6cp; individual supervision; availability: Master of Engineering Postgraduate

A graduate project is a significant body of engineering work that is conducted in a professional manner and is documented in a comprehensive report. It provides an opportunity for students to demonstrate their advanced skills and knowledge that have been gained as part of their coursework and apply these to a real-world engineering problem. The depth and extent of the project can vary with credit point requirements. The project may involve the development of a new technology, product and/or process, or the application of existing technologies, products and methods in a new way, to solve a problem. In certain cases it may be appropriate to undertake a critical review of a method, ideas, a technology or combinations of these. In all cases it is vital that the project can demonstrate a 'valueadded' component that the student has originated. The planning, implementation and documentation of the project are supervised by a member of academic staff from the Faculty of Engineering and Information Technology. The scope of the work, the deliverables for assessment and the assessment criteria are negotiated between the student and the academic supervisor and documented in a learning contract that is signed by the student and supervisor(s) (and approved by the director of postgraduate coursework programs). Industrybased projects are highly encouraged and an additional industrial supervisor may be involved. The responsibility of finding a suitable project topic and an academic supervisor rests with the student.

Typical availability

Autumn semester, City campus Spring semester, City campus

49196 Graduate Project 18cp (Part 2 of 2) (6cp + 12cp)

12cp; individual supervision; availability: Master of Engineering Postgraduate

A graduate project is a significant body of engineering work that is conducted in a professional manner and is documented in a comprehensive report. It provides an opportunity for students to demonstrate their advanced skills and knowledge that have been gained as part of their coursework and apply these to a real-world engineering problem. The depth and extent of the project can vary with credit point requirements. The project may involve the development of a new technology, product and/or process, or the application of existing technologies, products and methods in a new way, to solve a problem. In certain cases it may be appropriate to undertake a critical review of a method, ideas, a technology or combinations of these. In all cases it is vital that the project can demonstrate a 'valueadded' component that the student has originated. The planning, implementation and documentation of the project are supervised by a member of academic staff from the Faculty of Engineering and Information Technology. The scope of the work, the deliverables for assessment and the assessment criteria are negotiated between the student and the academic supervisor and documented in a learning contract that is signed by the student and supervisor(s) (and approved by the director of postgraduate coursework programs). Industrybased projects are highly encouraged and an additional industrial supervisor may be involved. The responsibility of finding a suitable project topic and an academic supervisor rests with the student.

Typical availability

Autumn semester, City campus Spring semester, City campus

49197 Graduate Project 24cp (Part 1 of 2) (9cp + 15cp)

9cp; individual supervision; availability: Master of Engineering by coursework

Postgraduate

A graduate project is a significant body of engineering work that is conducted in a professional manner and is documented in a comprehensive report. It provides an opportunity for students to demonstrate their advanced skills and knowledge that have been gained as part of their coursework and apply these to a real-world engineering problem. The depth and extent of the project can vary with credit point requirements.

The project may involve the development of a new technology, product and/or process, or the application of existing technologies,

products and methods in a new way, to solve a problem. In certain cases it may be appropriate to undertake a critical review of a method, ideas, a technology or combinations of these. In all cases it is vital that the project can demonstrate a 'value-added' component that the student has originated.

The planning, implementation and documentation of the project are supervised by a member of UTS: Engineering academic staff. The scope of the work, the deliverables for assessment and the assessment criteria are negotiated between the student and the academic supervisor and documented in a learning contract that is signed by the student and supervisor(s) (and approved by the director of postgraduate coursework programs). Industry-based projects are highly encouraged and an additional industrial supervisor may be involved. The responsibility of finding a suitable project topic and an academic supervisor rests with the student.

49198 Graduate Project 24cp (Part 2 of 2) (9cp + 15cp)

15cp; individual supervision; availability: Master of Engineering Postgraduate

A graduate project is a significant body of engineering work that is conducted in a professional manner and is documented in a comprehensive report. It provides an opportunity for students to demonstrate their advanced skills and knowledge that have been gained as part of their coursework and apply these to a real-world engineering problem. The depth and extent of the project can vary with credit point requirements.

The project may involve the development of a new technology, product and/or process, or the application of existing technologies, products and methods in a new way, to solve a problem. In certain cases it may be appropriate to undertake a critical review of a method, ideas, a technology or combinations of these. In all cases it is vital that the project can demonstrate a 'value-added' component that the student has originated.

The planning, implementation and documentation of the project are supervised by a member of academic staff from the Faculty of Engineering. The scope of the work, the deliverables for assessment and the assessment criteria are negotiated between the student and the academic supervisor and documented in a learning contract that is signed by the student and supervisor(s) (and approved by the director of postgraduate coursework programs). Industry-based projects are highly encouraged and an additional industrial supervisor may be involved. The responsibility of finding a suitable project topic and an academic supervisor rests with the student.

Typical availability

Autumn semester, City campus Spring semester, City campus

49201 Integrated Services Networks

6cp; 3hpw; availability: all courses

Requisite(s): (48740 Communications Networks AND (120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering)) These requisites may not apply to students in certain courses. See access conditions.

Recommended studies: familiarity with TCP/IP and general networking concepts

Postgraduate

This subject gives students a thorough understanding of the fundamental concepts of telecommunication networks designed to carry multiple classes of traffic simultaneously, with the focus being on the provision of services for carrier-class networks. Design and analysis techniques are studied, as well as particular technologies such as ISDN, ATM, SONET, SDH, HFC, ADSL, FTTC, FTTH, PON, GigE, MPLS and IP-VPNs, with the emphasis being on IP/MPLS infrastructures and services.

Typical availability

Spring semester, City campus

49202 Communication Protocols

6cp; 3hpw; availability: all courses

Requisite(s): (48740 Communications Networks AND (120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering)) These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

Students completing this subject have a good understanding of the theory of communication protocols, its application to popular protocols, in particular TCP/IP, and in the analysis of performance and troubleshooting protocol issues in large carrier-grade networks. A significant laboratory component allows students to gain deeper insights into the theory through the use of the Wireshark packet sniffing application. The Alcatel-Lucent course from the service router certification program (www.alcatel-lucent.com/src) 3FL30632AAAZZZZA (called scalable IP networks) has been integrated into this subject and allows students (together with an optional two-day short course and external exam) to gain the Networking Routing Specialist 1 (NRS1) industry certification.

Study of an additional three UTS subjects (49201, 42902, 42903), another two-day short course, three external exams and one lab exam allows students to gain the NRS2 industry certification.

Typical availability

Autumn semester, City campus

49203 Telecommunications Signal Processing

6cp; 3hpw, distance; availability: Telecommunications major only Requisite(s): (48770 Continuous Communications AND (120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering)) These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject focuses on one aspect of telecommunications signal processing: source coding of images and audio. Incorporated in this main topic are characterisation of random signals using autocorrelation function and power spectral density, optimal linear prediction of signals (including Wiener filtering), quantisation of signals using pulse coding modulation, and differential pulse code modulation, linear transforms (Discrete Fourier Transform, Discrete Cosine Transform, Karhunen-Loeve Transform), sub-band coding transforms and lossless compression. These topics are brought together with an in-depth examination of JPEG coding of images. Finally, the implementation of various other compression methods, including MPEG-2, MPEG-4, MPEG-audio and various techniques of speech coding, is discussed.

Typical availability

Autumn semester, City campus

49205 Transmission Systems

6cp; 3hpw; availability: all courses

Requisite(s): (48750 Network Planning and Management AND (120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering)] These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject aims to give students a thorough understanding of the physical layer of modern telecommunication systems. This includes systems that transmit through wires, free space (both terrestrial and satellite systems), co-axial cables and optic fibres. The subject focuses on current technologies such as Ethernet, broadband access technologies, passive optical networks, and to some extent, cellular wireless systems (although these are covered in much more detail in other subjects).

Typical availability

Autumn semester, City campus

49215 Telecommunications Industry Management

6cp; 3hpw; availability: all courses

Requisite(s): (48750 Network Planning and Management AND (120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering)] These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

The subject provides an understanding of commercial issues with particular reference to the global telecommunications industry. It is the subject objective to help engineers in their working careers to participate in business discussions within larger organisations and to assume a wider managerial and organisation role. In smaller enterprises or in individual engineering projects, financial and commercial knowledge will allow engineers to gauge the economic and marketing viability of a technical undertaking. The subject covers the socioeconomic environment and commercial and managerial aspects of a telecommunications enterprise. Financial considerations of the telecommunications sector and of interconnect issues are discussed.

Typical availability

Spring semester, City campus

49223 Satellite Communication Systems

6cp; availability: Telecommunications Engineering program only Requisite(s): (48740 Communications Networks AND (120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering)) These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject focuses on satellite and earth station design principles including geostationary, medium earth orbit, and low earth orbit communication systems. Topics include an introduction to communication satellites, tracking, satellite system architecture, and design and performance trade-off issues.

Typical availability

Spring semester, City campus

49225 Software Project Management

6cp; 3hpw or block attendance or part-time; availability: all courses Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: 49265 Software Technologies Postgraduate

This subject aims to present and develop the confidence and software project management skills required to become effective project team leaders and potential project managers. The course covers such concepts as team constitution, business aspects, technical organisations charts and cost estimates, scheduling and monitoring, and maintenance. The course proposes an analysis of existing software project management tools and groupware technologies. Apart from the theoretical presentations, much time is given to participants reviewing their past experience and doing illustrative exercises.

Typical availability

Spring semester, City campus

49227 Wireless Sensor Networks

6ср

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

Wireless sensor networks are distributed systems, in which autonomous devices, sometimes called Motes, collect environmental data (such as location, speed, temperature, humidity and sound level) or, more recently, medical data (such as heart rate, blood oxygen level and pulse rate). The data is collected across the network, aggregated and fed into business applications. Sensor networks are an enabler for very different applications, including environmental monitoring, agricultural monitoring, medical monitoring, habitat monitoring and military surveillance.

49238 Telecommunication Networks Management

6cp; 3hpw; availability: Telecommunications Engineering program only

Requisite(s): (48740 Communications Networks AND (120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering)) These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject is designed for telecommunications engineers working with telecommunications carriers and suppliers of hardware and software infrastructure that supports the provision of telecommunications services to clients. It begins with an historical overview of the evolution of telecommunications networks with particular emphasis on the deregulated environment that has been the characteristic of the last decade. The role of standards making bodies to ensure inter-operability is highlighted. The bulk of the subject examines the technical details of particular standards such as SNMP, TMN and CORBA. The subject concludes with an examination of future challenges associated with the operation of very large scale distributed systems and a look at current vendor solutions.

Typical availability

Spring semester, City campus

49247 Object-oriented Technology

6cp; 3hpw

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject utilises Java Language and aims to equip students with techniques and knowledge of methods of building small to large software systems using an object-oriented focus, based on standards, common industry practices and formal methods. OOT&J employs object orientation from requirements analysis, software design (high and low level) represented in standard notation as employed by UML, then by using automatic techniques as employed by modelling systems, such as Rational Rose, into software classes, methods and data structures. All this is taught independently of any object-oriented (OO) software language. From this beginning, the subject then has three basic streams: the teaching and practice in an OO software language - the Java Language; various methods in data structuring using an OO database system and the definition and use of software class libraries (for the Java language).

49249 Telecommunications Engineering Review

6ср

Postgraduate

The subject description is available from UTS: Engineering.

Typical availability

Autumn semester, City campus Spring semester, City campus

49254 Advanced Soil Mechanics and Foundation Design

6cp

Requisite(s): ((120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering) AND 48360 Geotechnical Engineering) These requisites may not apply to students in certain courses. See access conditions.

The main purpose of this subject is to study the latest theoretical and experimental approaches for solving problems in the broad area of soil mechanics including stress-strain analysis and consolidation theory as well as design of shallow and deep foundations under combined vertical and horizontal loads. This subject covers many interesting issues including: critical state soil mechanics, soil plasticity, unsaturated soil mechanics, soil dynamics and earthquake geotechnics, elastic and visco-plastic deformation of footings, pile group and piled raft design, pile driving test and design and construction of caissons.

Typical availability

Spring semester, City campus

49255 Catchment Modelling

6cr

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject is an introduction to the concepts and reductionist approach involved in the modelling of catchment processes influencing the quantity and quality of surface runoff from a catchment. Also introduced are the different forms of models, how these models are combined to provide a catchment modelling system, and implementation of catchment modelling systems inclusive of the calibration and validation of the system. Included in this discussion is an introduction to the processes influencing the generation and movement of surface runoff and pollutant constituents, and the routing of these flows and constituents along the channels and rivers in a catchment drainage network. Finally, the information and data required for operation of these modelling systems and sources of this information are also discussed.

Typical availability

Spring semester, City campus

49256 Flood Estimation

6ср

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

The first part of the subject provides an introduction to and background on design flood estimation. Following on from this is a discussion of the frequency analysis of hydrological data (inclusive of climatic and flow data). Some of the more popular statistical models using flood frequency analysis are presented together with

their application. Finally, techniques for flood flow estimation in the absence of historical data is presented; these techniques include aspects related to design rainfall data; regional flood methods; and estimation of extremes.

Typical availability

Autumn semester, City campus

49257 Geographic Information Systems

6cp

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject introduces students to the use and potential of geographic information systems (GIS) mostly in engineering projects. The lectures cover general concepts of GIS and introduce the material of the exercises that are designed to provide hands-on experience using the ArcGIS software package. The subject also covers data acquisition using mobile GIS and GPS for the purpose of site selection, site mapping, data processing and analysis. In addition, principles of environmental and spatial modelling are discussed and illustrated by case studies including water balance modelling, groundwater modelling and digital terrain modelling.

Typical availability

Autumn semester, City campus

49258 Pavement Analysis and Design

6ср

Requisite(s): ((120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering) AND 48330 Soil Behaviour) These requisites may not apply to students in certain courses. See access conditions.

Solid knowledge of and ability to analyse and design different types of pavements together with their material characterisation, construction aspects, maintenance and management are considered necessary for those who would like to work in the field of geotechnical engineering. The syllabus covers: an introduction to basic types of pavements (bituminous, concrete and interlocking concrete pavers); stress and strain analysis of rigid and flexible pavements; pavement materials; drainage design; design of rigid and flexible pavements; pavement maintenance and management systems; and also pavement construction techniques and limitations.

Typical availability

Spring semester, City campus

49261 Biomedical Instrumentation

6cp; 3hpw; availability: all courses

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject covers general concepts applicable to the design of all medical instrumentation systems, the measurement of biopotentials and critical-care analyses for diagnostic purposes, and the design of biomedical devices for therapeutic purposes. The subject includes three modules covering sensors and amplifiers, vital sign monitoring for diagnostic purposes, and physiological intervention/closed-loop control.

Typical availability

Spring semester, City campus

49262 Web Technologies

6cp; 3hpw

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: 49265 Software Technologies Postgraduate

This subject covers current and future web technologies and the design, development and management of web-based systems. The following material is covered: information concepts; web development processes; web system design models and methods; web modelling frameworks; web system architectures; web system quality; web evaluation; scoping of web projects; development risks; social issues; web content and advanced standards; Web 2.0; social networking; social bookmarking; web programming languages; frameworks; mobile commerce; location-based services; cloud computing; AJAX technologies; scalable vector graphics (SVG); XMLHTTPRequest; document-centric approaches; and remote scripting.

Typical availability

Autumn semester, City campus Spring semester, City campus

49263 Software Analysis and Design

6cp; 3hpw Postgraduate

The aim of this subject is to introduce the issues and basic principles of software requirements elicitation, analysis and documentation, software design methods, implementation, including patterns and architectural frameworks. The objectives are to develop a requirements and a design framework into which more detailed material regarding specific aspects of requirements and design techniques and issues fit, with focus on object-orientated methodologies. Issues related to highlevel design, low-level design, software design patterns with emphasis on software development processes, process models development paradigms, development methodologies, and management of these activities are included.

Typical availability

Spring semester, City campus

49274 Advanced Robotics

6cp; 3hpw; availability: all courses

Requisite(s): ((120 credit points of completed study C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study C10066 Bachelor of Engineering Science OR 120 credit points of completed study C10067 Bachelor of Engineering OR 120 credit points of completed study C10062 Bachelor of Engineering Bachelor of Arts in International Studies Diploma in Engineering Practice OR 120 credit points of completed study C10063 Bachelor of Engineering Bachelor of Arts in International Studies OR 120 credit points of completed study C10065 Bachelor of Engineering Bachelor of Business OR 120 credit points of completed study C10068 Bachelor of Engineering Bachelor of Business Diploma in Engineering Practice OR 120 credit points of completed study C10073 Bachelor of Engineering Bachelor of Science OR 120 credit points of completed study C10074 Bachelor of Engineering Bachelor of Science Diploma in Engineering Practice OR 120 credit points of completed study C10075 Bachelor of Engineering Bachelor of Medical Science OR 120 credit points of completed study C10076 Bachelor of Engineering Bachelor of Medical Science Diploma in Engineering Practice OR 120 credit points of completed study C10078 Bachelor of Engineering Bachelor of Biotechnology OR 120 credit points of completed study C10079 Bachelor of Engineering Bachelor of Biotechnology Diploma in Engineering Practice) AND (48430 Embeddedc OR 48623 Mechatronics 2) AND 48531 Electromechanical Automation)

These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject presents a broad overview of the technologies associated with mobile and industrial robots. Major topics covered are sensing, mapping, navigation and control of mobile robots and kinematics and control of industrial robots. The subject consists of a series of lectures on robot fundamentals and case studies on practical robot systems. Material covered in lectures is illustrated through laboratory assignments. The objective of the course is to provide students with the essential skills necessary to be able to develop robotic systems for practical applications.

Typical availability

Spring semester, City campus

49275 Neural Networks and Fuzzy Logic

6cp; 3hpw; availability: all courses

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The principal objective of this subject is to introduce students to neural networks and fuzzy theory from an engineering perspective. In the identification and control of dynamic systems, neural networks and fuzzy systems can be implemented as model-free estimators and/or controllers. As trainable dynamic systems, these intelligent control systems can learn from experience with numerical and linguistic sample data.

Typical availability

Autumn semester, City campus

49285 Emergency Management

6cp; 3hpw

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject aims to teach students the main elements of emergency management for natural disasters and, to a lesser degree, terrorist attack. Students gain an understanding of the principles involved in emergency management, their application and interaction with the disaster recovery process of an effected community after a natural disaster or terrorist attack. The subject also provides insight into planning issues deployed to minimise disaster incidents. Areas of speciality within the emergency management guidelines such as floods, bushfires, etc., are covered and tailored in each course to the majority of students' working backgrounds. A practical demonstration of emergency exercise planning relating to a building collapse is also provided.

49286 Vehicle Design

6ср

Requisite(s): 48640 Machine Dynamics AND 48642 Strength of Engineering Materials AND 48650 Mechanical Design 2 These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

For subject description, contact UTS: Engineering.

49306 Quality and Operations Management Systems

6cp; 3hpw; on campus, distance (distance mode is not suitable for international students); availability: all courses
Postgraduate

This subject helps students understand how to design, develop and implement operational management systems including the quality, environmental, safety, and risk management systems and how to achieve certification of the operational management systems according to the Australian and International Standards (ASNZS and ISO). The subject develops an understanding of the means of defining the structure of operational management systems in manufacturing and service organisations, determining what resources are needed to complete the documentation and the evaluation of operational management systems. It also highlights the use of an effective operational management system for continuous quality improvement.

Students with limited work experience and knowledge of these systems may find the study of ASNZS and ISO standards somewhat challenging. Thus, although this subject is available in distance study mode, it is highly recommended that these students enrol in the on campus mode and regularly attend the lectures where standards and other study materials are thoroughly discussed and studied in a team learning environment (group class exercises).

Typical availability

Autumn semester, City campus Spring semester, City campus

49307 Internal Combustion Engines

6cp; 3hpw; availability: all courses

Requisite(s): (48651 Thermodynamics AND (120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering))

These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject emphasises solutions to environmental and energy resource problems related to internal combustion (IC) engine design, development and utilisation. It introduces a pragmatic engineering field of internal combustion engines and provides opportunities to students to develop an understanding of the applications of IC engines in environmental protection, transportation, electricity generation and other areas.

49309 Quality Planning and Analysis

6cp; 3hpw; on campus, distance (distance mode is not suitable for international students); availability: all courses
Postgraduate

Quality is one of the main success factors for organisations, whether they operate in manufacturing or service and transactional sectors. A sound quality management system, based on modern and up-to-date quality planning and analysis tools and techniques, reduces rejects, warranty claims and the need for costly rework. It helps to preserve customer goodwill and builds a brand loyalty based on objective criteria rather than illusions.

Topics covered in this subject include:

- quality and its modern definition
- analysis of customer needs and customer satisfaction
- integrating quality into design of products and services
- managing supplier relations and quality of supplies
- · monitoring and statistical analysis of process quality, and
- · continuous quality improvement methods and programs.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Hong Kong Spring semester, Hong Kong Summer session, Hong Kong Winter session, Hong Kong

49312 Advanced Flow Modelling

6cp; 3hpw; availability: all courses

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

Computational fluid dynamics (CFD) is a cornerstone of modern engineering and a technology which is regarded as crucial to the success of the major economies. Along with more traditional modelling techniques, this subject provides exposure to the numerical methods in CFD computer codes and experience in the practical application of commercial CFD packages. Importantly, it develops in students skill in the evaluation of the solution integrity. The subject culminates in a major project of the students' own choosing. On completion, students should have proficiency to undertake leadership roles in this exciting new field across the entire engineering spectrum and, in particular, in the mechanical, aeronautical, civil and environmental context. The subject has particular relevance to the design of vehicles, buildings, structures, engines, turbomachinery, manufacturing processes, heat transfer, combustion behaviour, pollutant dispersal, weather patterns, ocean currents and biomedical phenomena.

49316 Materials Handling

6cp; 3hpw; availability: all courses

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The materials handling industry is very broad, covering almost all industries including mining, mineral processing, agricultural production, food processing, power production, chemical processing, manufacturing, packaging, pharmaceutical production and many others. Since the industrial revolution, people have made increasing use of mechanical methods of handling materials. This has been to such an extent that in the Western world almost everything, including food, raw materials, building materials and finished products, has probably been mechanically handled many times before it reaches the consumer.

This subjects covers the main systems and methods of mechanical handling of materials, both bulk solids handling and discrete handling of products and goods.

Topics include: screw, belt and bucket conveyors and elevators; pneumatic and hydraulic conveying of bulk solids; storage systems; and feeding, sampling and weighing of materials and systems for handling artefacts, factory products and packaged goods.

Typical availability

Autumn semester, City campus

49321 Energy Conversion

6cp; 3hpw

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

Topics for the subject include three kinds of conversion systems: renewable (direct and indirect solar, wind, hydro, biomass and tidal), alternative (hydrogen and methanol) and non-renewable (coal, petroleum and natural gas) systems. Aspects to be covered include technological (thermal design concepts), economic (cost and efficiency) and environmental (climate changes, greenhouse effects, pollution and life cycle) analysis of energy conversion systems.

From an Australian perspective, the subject considers future developments for energy supply, using solar energy, wind turbines, water turbines, steam turbines, gas turbines, internal combustion engines and fuel cells relevant to social and environmental criteria.

Typical availability

Autumn semester, City campus

49322 Airconditioning

6cp; 3hpw; availability: all courses

Requisite(s): (48651 Thermodynamics AND (120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering)]

These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

Airconditioning systems are required by modern society and promoted by high technology to be functional, well-controlled, energy-efficient and environmentally friendly, in maintaining human comfort and health as well as industrial productivity. The objectives of this subject are: to advance student understanding of refrigeration and airconditioning systems; to develop basic skills for carrying out the design and construction of airconditioning for buildings; and to enhance knowledge of energy conservation and management as applicable to airconditioning systems.

Topics include principles of thermodynamics and heat transfer, airconditioning systems and components, design criteria and standards, psychometry and airconditioning processing, refrigeration, load estimation, computer software for load estimation, duct and pipe design, control system, noise and pollution.

Typical availability

Autumn semester, City campus

49323 Vibration Analysis

6cp; 3hpw; availability: all courses

Requisite(s): [(120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering) AND 48642 Strength of Engineering Materials AND 48660 Dynamics and Control)

These requisites may not apply to students in certain courses. See access conditions.

Recommended studies: 48660 Dynamics and Control; 48642 Strength of Engineering Materials

Postgraduate

This subject extends students' understanding of vibration theory and its application to problems encountered in mechanical and structural engineering. It focuses on learning and practising the techniques and skills most frequently used in engineering practice. After a brief revision of basic vibration theory for single-degree-of-freedom systems, the subject moves on to multiple-degree-of-freedom systems, modal analysis, torsional vibration, approximation and numerical methods for transverse vibration including influence coefficient methods, transfer matrix method and finite element methods. Applications include vibration reduction by passive and active means, design of vehicle suspension systems, experimental modal analysis, rotor dynamics and spin stability and analysis.

Typical availability

Autumn semester, City campus

49325 Computer-aided Mechanical Design

6cp; 3 x 1.5 days (block mode); availability: all courses Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject extends the development of students' design skills. Students use computer-aided methods to complement and enhance the analytical and theoretical skills and knowledge obtained in undergraduate subjects and in practice. Mechanical systems simulation software is used for designing mechanical systems and controls, and to introduce virtual prototyping. A finite element analysis program is used for analysing stresses in mechanical components. Although commercially available software is used, students are not simply trained in the use of that particular program. Rather, the objective of the subject is that students understand the general approach to computer-aided engineering and the importance of having a sound knowledge of the fundamental mechanics.

Typical availability

Spring semester, City campus

49328 Turbomachines

6cp; 3hpw; availability: all courses

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

Turbomachines like pumps, fans, turbines and compressors constitute a large class of fluid-moving and energy-transfer machines which are found virtually everywhere in modern societies. This subject aims to develop competence in the analysis and design of these machines and the systems of which they are parts. Key concepts and fundamental principles underlying their operation and design are covered. Factors pertaining to their selection and performance prediction are treated.

Typical availability

Spring semester, City campus

49329 Control of Mechatronic Systems

6cr

Requisite(s): (48660 Dynamics and Control AND (120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering))

These requisites may not apply to students in certain courses. See access conditions.

The objectives of this subject are to develop students' skill in understanding fundamental principles in the analysis and control of mechatronic systems, familiarise students with different advanced control techniques and teach students to be able to apply computer-based tools for practical control system design applications. Topics include state-space modelling of linear and nonlinear systems, stability, controllability and observability, linear quadratic control, observer design, H-infinity control, model predictive control, neural network control and fuzzy logic control. Case studies of engineering applications are also covered.

Typical availability

Spring semester, City campus

49330 Sensors and Signal Processing

6cp

Requisite(s): [48623 Mechatronics 2 AND (120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering])
These requisites may not apply to students in certain courses. See access conditions.

The objectives of this subject are to develop students' theoretical and practical understanding on active and passive sensing, sensor selection, evaluation, modelling, interfacing, signal processing, imaging and image processing. Topics include modulation techniques, filtering and convolution, frequency domain analysis, visual imaging and image processing, infrared imaging, passive microwave imaging, time of flight (TOF) measurement, radio tags and transponders, range tacking, doppler measurement and phase measurement. Some advanced topics such as probability of detection, angle measurement and tracking, frequency modulation, wide aperture methods, Synthetic Aperture Methods (SAR) and 3D imaging are also included.

Typical availability

Autumn semester, City campus

49655 Integrated Logistic Support

6cp; block (typically 2 x 2-day blocks) Postgraduate

Effectiveness of engineered systems is often judged by the extent to which they fulfil their intended purpose. In order for any engineered system to fulfil its purpose in a sustained manner, the system itself must be sustained and supported. This role invariable is assigned to a 'support system'. This means that this support system must be envisaged, created and used with just as much care, thought and rigour as the system it supports. Integrated Logistics Support (ILS) is a key discipline that allows dealing with this requirement when developing, using and managing a support system. It allows the highlighting of the factors that are crucial to mission success at an early stage, using a life-cycle-based approach, and ensures that these factors are appropriately encapsulated in any system acquisition and operation.

This subject provides students with an introduction to ILS. It uses concepts from systems thinking and engineering to contextualise ILS and its importance in systems development, management and support. Students are encouraged to consider the applicability of concepts and techniques used to support various systems and their value in dealing with complexity.

49678 Reliability Availability and Maintainability

6cp; 2×2 -day blocks; availability: postgraduate students only Postgraduate

Effectiveness of engineered systems is often judged by the extent to which they fulfil their intended purpose. For this to happen a system must be available when required and be able to be used reliably, consistent with operational needs. This subject explores the concepts of Reliability, Availability and Maintainability (RAM), and the relationships between them. RAM directly affect the effectiveness of a system.

The approach taken to understanding the concepts include a treatment of each of the factors separately, together with a consideration of the relationships between them, so that a systemic view of RAM is obtained. Students are encouraged to consider the applicability of concepts and techniques used to their own experience in system acquisition and support.

Typical availability

Spring semester, City campus

49680 Value Chain Engineering Systems

6ср

Postgraduate

Value chains have become the central feature of operations management in applying engineering systems to commercial and industrial processes in the modern economy. The emphasis in this subject is on the action 'to engineer' through holistically drawing upon the full range of sciences from engineering, information technology and service sciences, management and operations strategy. The goal is to engineer value chains for productivity, quality, performance, compliance, growth, risk-sharing and learning improvement.

49701 Gas Sector Planning

6cp; block attendance; availability: all courses Postgraduate

This subject aims to develop an understanding of the nature, characteristics and methods of gas sector planning. Topics include: nature of gas sector planning; planning perspectives; planning concepts and methods; economic and technological dimensions of gas sector planning and operation; integrated resource planning; institutional structures and ownership of the gas industry; regulatory issues; gas pricing; social, environmental and political dimensions of gas planning; and other selected topics. Emphasis is placed on achieving depth and balance in all major aspects of gas sector planning and policy, with topical case studies providing an application focus.

49702 Gas Distribution Technology and Management

6cp; block attendance; availability: all courses Postgraduate

This subject aims to introduce the principles, concepts and methods of designing, operating and managing gas distribution systems with due regard for security, safety and other related aspects. Topics include general overview of gas distribution; typical features of gas distribution systems; gas distribution technologies; gas distribution network design; construction of gas distribution systems; network operational practices and procedures; maintenance and safety issues; management of gas distribution networks; marketing issues and technological trends. Emphasis is placed on achieving depth and balance in all aspects of the design and development of gas distribution networks, with topical case studies providing an application focus.

49703 Selected Topics (Energy Pricing)

6cp; block attendance; availability: consent of subject coordinator required

Postgraduate

This subject aims to develop in students an understanding of the microeconomic principles and methods of energy pricing. Topics include microeconomic foundations of energy pricing; demand, supply and demand-supply interactions under various market conditions; pricing as a planning tool; pricing and efficiency; methods of pricing; and case studies on the pricing of electricity, gas, oil and other energy resources.

49706 Regulatory Economics

6cp; block attendance; availability: Energy Planning and Policy core subject

Postgraduate

This subject focuses on developing an understanding of the economics of regulation, and methods and principles of regulation design for the energy sector and other sectors of the economy. Topics include: historical overview of regulation; drivers for regulation; costs and benefits of regulation; impacts of regulation; institutional structure, ownership and regulation; regulatory frameworks; regulation design; policy issues and politics of regulation; case studies on regulatory aspects will be provided from the energy section and other sectors of the economy.

Typical availability

Spring semester, City campus

49723 Research Dissertation 1 (EIT)

24cp; availability: research students from overseas universities

This subject is designed for research students from overseas universities who wish to complete part of their degree at UTS and to do so by continuing to develop and work on their ongoing thesis under the supervision of UTS academics.

49724 Research Dissertation 2 (EIT)

24cp; availability: research students from overseas universities Requisite(s): 49723 Research Dissertation 1 (EIT)

There are also course requisites for this subject. See access conditions.

This subject is designed for research students from overseas universities who wish to complete part of their degree at UTS and to do so by continuing to develop and work on their ongoing thesis under the supervision of UTS academics. The subject extends or complements the work undertaken in Research Dissertation 1.

49776 Master of Engineering Thesis

Оср

Postgraduate

The subject description is available from UTS: Engineering.

Typical availability

Autumn semester, City campus Spring semester, City campus

49928 Design Optimisation for Manufacturing

6cp; 3hpw; availability: all courses

Requisite(s): 120 credit points of completed study in C10061 Bachelor of Engineering Diploma in Engineering Practice OR 120 credit points of completed study in C10066 Bachelor of Engineering Science OR 120 credit points of completed study in C10067 Bachelor of Engineering

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: knowledge of computer programming Postgraduate

The increasing demand on engineers to make their 'best' possible decisions in product design and manufacturing process at decreasing costs and a faster pace requires knowledge of methods in design optimisation. Optimisation has become a necessary part of product design and decision-making activities in mechanical, manufacturing and mechatronic engineering. This subject emphasises applications of advanced optimisation techniques in product design, manufacturing and project planning. It introduces students to an array of optimisation techniques and enables students to learn to use advanced techniques applicable in solving real product design and manufacturing problems such as machine scheduling, flexible assembly system scheduling, supply chain planning, job shop scheduling, project planning and scheduling, etc. On successful completion of this subject, students are able to understand the fundamentals of optimisation techniques and apply appropriate optimisation techniques in various applications.

Typical availability

Autumn semester, City campus

49986 PhD Thesis: Engineering

Оср

Postgraduate

The subject description is available from UTS: Engineering.

Typical availability

Autumn semester, City campus Spring semester, City campus

49989 Operations Engineering

6ср

Every organisation has to provide value to its customer in order to survive in the current business environment. The value is an outcome of numerous processes that form the operations of an organisation. It is crucial for business success to design sound operations that are well maintained and continually improved.

In this subject, students learn how to design, manage and optimise operations in manufacturing and non-manufacturing environments. Emphasis is placed on 'lean operations' which has become the best practice for both manufacturing and service organisations. Topics include: Toyota production system, just-in-time, types of waste, managing supply chain and inventory, total productive maintenance, and six sigma improvement system. Case studies from world-class organisations in manufacturing and non-manufacturing industries are provided.

50001 Online Documentary

8ср

Elective

Recent developments in digital media platforms and technologies are enabling emerging opportunities for online digital communication by a wide range of individuals, media producers, communities and organisations. This subject allows students to develop their research and production skills in online digital content production by exploring a range of relevant conceptual, creative, and production concerns and approaches. Students engage with issues such as online documentary, Web 2.0, platform delivery, social media integration, community

building and digital project planning. They expand their production skills through technical workshops and by working in small teams to develop an online digital media project, with a focus on socially relevant, factual or documentary contents and approaches.

Typical availability

Spring semester, City campus

50190 Professional Information Project

8cp; availability: not offered to exchange and study abroad students Requisite(s): 50493 Managing Information OR 40 credit points of completed study in MAJ10023 Information and Media major BAComm

These requisites may not apply to students in certain courses. See access conditions.

Professional Strand - Information Management - 300 level

This is the capstone subject in the Information Professional Strand. In this subject, students plan, carry out and evaluate a major professional information activity for a client. Concepts and techniques for the planning and management of projects to meet client needs are introduced at the beginning of the subject. A contract for the project is negotiated between the student, their client and their academic supervisor. Students are expected to work independently on their project, guided by consultations with their supervisor and discussion with a peer support group. This subject must be taken in the final semester of study.

Typical availability

Autumn semester, City campus Spring semester, City campus

50251 Genocide Studies

8cp; elective

Elective

This subject focuses on two of the major genocides of the 20th century: the Armenian and Jewish experiences. Students may select a second option for study and assignment – a choice ranging from genocide in the ancient world through to considerations of, for example, Aboriginal Australia, events in contemporary Tibet, Burundi, Rwanda, Bosnia, Kosovo, the Kurds in the Middle East, the issue of East Timor and Cambodia.

Typical availability

Autumn semester, City campus

50260 Parliamentary Placement

8cp; availability: not offered to exchange and study abroad students Professional Strand - Social Inquiry - 300 level

This subject is a professional attachment subject arranged with the Parliament of New South Wales. It is limited to 10 students. Students are attached to the office of a Member of Parliament or a Parliamentary Officer. Students participate in a learning contract between themselves, UTS and the Parliament. Students are selected for the placement on the basis of criteria agreed with the Parliament.

Typical availability

Spring semester, City campus

50290 Australian Indigenous Social Policy

6ср

Postgraduate

The subject description is available from UTS: Education.

Typical availability

Spring semester, City campus

50291 Australian Political and Social Systems

6ср

Postgraduate

The subject description is available from UTS: Education.

50292 Policy Processes in Australian Indigenous Settings

6ср

Postgraduate

This subject offers the opportunity to study the development and implementation of a number of social policy initiatives in Australian indigenous settings. Using case study material, field visits where

possible and input from visiting speakers with first-hand experience of the implementation and impact of different social policies, students are encouraged to apply a critical approach to indigenous social policy management in its cultural and social setting.

50428 MA Writing Project

Ocp; availability: not offered to exchange and study abroad students

Students complete, under supervision, the substantial piece of creative writing that has been approved as their thesis topic, along with and accompanying 3,000-word essay.

Typical availability

Autumn semester, City campus Spring semester, City campus

50720 Exchange Subject A

8ср

The UTS International Exchange program, administered by UTS: International Studies, offers students the option of completing part of their study in another country and receiving credit towards their degree at UTS. UTS: Communication participates in this program, under which students have the opportunity to undertake study at an exchange partner university.

Applicants for exchange must have their study at the exchange partner university approved by UTS: Communication's international coordinator. The subject studied at the exchange partner university should have relevance to a student's course of study, and be taught and assessed in an acceptable format.

Further information is available from UTS: Communication.

Typical availability

Autumn semester, City campus Spring semester, City campus

50721 Exchange Subject B

8cr

The UTS International Exchange program, administered by UTS: International Studies, offers students the option of completing part of their study in another country and receiving credit towards their degree at UTS. UTS: Communication participates in this program, under which students have the opportunity to undertake study at an exchange partner university.

Applicants for exchange must have their study at the exchange partner university approved by UTS: Communications's international coordinator. The subject studied at the exchange partner university should have relevance to a student's course of study, and be taught and assessed in an acceptable format.

Further information is available from UTS: Communication.

Typical availability

Autumn semester, City campus Spring semester, City campus

50722 Exchange Subject C

8cp

The UTS International Exchange program, administered by UTS: International Studies, offers students the option of completing part of their study in another country and receiving credit towards their degree at UTS. UTS: Communication participates in this program, under which students have the opportunity to undertake study at an exchange partner university.

Applicants for exchange must have their study at the exchange partner university approved by UTS: Communication's international coordinator. The subject studied at the exchange partner university should have relevance to a student's course of study, and be taught and assessed in an acceptable format.

Further information is available from UTS: Communication.

Typical availability

Autumn semester, City campus Spring semester, City campus

50723 Exchange Subject D

8cp

The UTS International Exchange program, administered by UTS: International Studies, offers students the option of completing part of their study in another country and receiving credit towards their degree at UTS. UTS: Communication participates in this program, under which students have the opportunity to undertake study at an exchange partner university.

Applicants for exchange must have their study at the exchange partner university approved by UTS: Communication's international coordinator. The subject studied at the exchange partner university should have relevance to a student's course of study, and be taught and assessed in an acceptable format.

Further information is available from UTS: Communication.

Typical availability

Autumn semester, City campus Spring semester, City campus

50724 Exchange Subject E

8cr

The UTS International Exchange program, administered by UTS: International Studies, offers students the option of completing part of their study in another country and receiving credit towards their degree at UTS. UTS: Communication participates in this program, under which students have the opportunity to undertake study at an exchange partner university.

Applicants for exchange must have their study at the exchange partner university approved by UTS: Communication's international coordinator. The subject studied at the exchange partner university should have relevance to a student's course of study, and be taught and assessed in an acceptable format.

Further information is available from UTS: Communication.

Typical availability

Autumn semester, City campus Spring semester, City campus

50725 Exchange Subject F

8cp

The UTS International Exchange program, administered by UTS: International Studies, offers students the option of completing part of their study in another country and receiving credit towards their degree at UTS. UTS: Communication participates in this program, under which students have the opportunity to undertake study at an exchange partner university.

Applicants for exchange must have their study at the exchange partner university approved by UTS: Communication's international coordinator. The subject studied at the exchange partner university should have relevance to a student's course of study, and be taught and assessed in an acceptable format.

Further information is available from UTS: Communication.

Typical availability

Autumn semester, City campus Spring semester, City campus

50830 Contemporary Music 1

6cp; availability: not offered to exchange and study abroad students

This subject provides a contextual historical overview of contemporary music since 1950. It investigates the social environment, theoretical climate and influences that shaped contemporary music, examining genres as diverse as rock, jazz, experimental avant-garde, early electronic music to contemporary classical composers and non-Western music. Students are introduced to major schools of thought and the descriptive language, styles, genre, forms and origins in music history with particular focus on the nexus of acoustic and electronic sound and music based on listening. The subject also looks at sonic, harmonic and other structural elements as they draw on traditional cultural heritage, retrospective origins and new directions.

Typical availability

Autumn semester, City campus

50831 Sonology

6cp; availability: not offered to exchange and study abroad students

This subject explores the fundamental concepts behind the representation, synthesis, and manipulation of sound in the digital domain. These are multi-faceted topics and they are examined in a diverse range of contexts, including the physical nature of sound, digital signal processing theory, human physiology and psychoacoustics, computing technology as well as the aesthetic concerns of a contemporary sound designer. This subject examines basic techniques for synthesising digital audio signals, including additive and subtractive synthesis. It introduces a variety of visual representations of digital audio, and show how they relate to human auditory perception. Finally, this subject covers a selection of techniques for modifying digital audio, including filtering, panning and amplitude modulation. Study of the theoretical aspects of each technique is reinforced by practice-based laboratory sessions and assessments.

Typical availability

Autumn semester, City campus

50832 Electronic Music Composition

6cp; availability: not offered to exchange and study abroad students

This subject takes a conceptual and practical approach to composing music in a number of 'non-traditional' ways. It examines generative and algorithmic music, form and structural strategies for organising sound and music, harmonic theories, spatial design and approaches to creativity, challenging limitations of the conventional notions of the 'score'. Students explore a breadth of methods for developing time-based sonic structures, generating sonic content and organising elements cohesively through projects. The subject does not assume or require musical, notational literacy but rather looks at electronic ways of composing beyond the traditional score, as well as software environments that facilitate creative practice.

Typical availability

Autumn semester, City campus

50833 Speech, Music, Sound

6cp; availability: not offered to exchange and study abroad students

The subject draws on a wide range of phonetic, linguistic, pragmatic, semiotic and musicological sources to introduce the communicative use of sound. It examines the communicative roles of aural perspective, rhythm, melody and timbre in music as well as in speech, everyday soundscapes and film and television soundtracks.

Typical availability

Spring semester, City campus

50834 Audio Production

6cp; availability: not offered to exchange and study abroad students

This subject provided an introduction to the basic concepts and production procedures involved in professional audio across a range of media. Students work in digital formats, focusing on idea development, composition, and experimentation. Conceptual and technical skills include listening, location recording, recording voices, interviewing, editing and mixing.

Typical availability

Spring semester, City campus

50835 Audio Culture

6cp; availability: not offered to exchange and study abroad students

The subject focuses on the meaning and significance of sound in different cultural contexts and historical settings. It addresses questions of aesthetics, poetics and politics. The aim is to study the emergence of sound as a specific object of theoretical analysis and to understand the impact of audio culture on wider culture. Subject areas covered may include methodological approaches to sound; ethnography of sound; voice; sound in various media; and the politics and aesthetics of sonic practices.

Typical availability

Autumn semester, City campus

50836 Sonic Art

6cp; availability: not offered to exchange and study abroad students

This subject explores theories and practices of sound art across various contexts including performance, installation, radio and online. Issues around the intersections of art, music and design are investigated, along with concepts such as noise and the influence of space on the presentation of work. Students research these ideas in the development of their own sonic artworks.

Typical availability

Spring semester, City campus

50837 Contemporary Music 2

6cp; availability: not offered to exchange and study abroad students Requisite(s): 50830 Contemporary Music 1

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Building on the historic foundations of Contemporary Music 1, this subject focuses more specifically on philosophy, form and theory as it informs approaches to composing music and organising sound. These ways of thinking potentially provide methodologies for students in their creative practice. Learning by example, students consider works by master composers. The subject covers approaches to soundscape and environmental sound founded by Murray Schaffer; philosophies of silence, re-thinking form and chance with John Cage; relationships between physical, spatial and musical structures; microcosmic investigation by the Spectral composers; Stochastic and theoretical practices; digital and music concrte; post-digital music; world music influences in the orchestra and transforming notions of structure and sonority. The primary objective of this subject is to develop ways of transforming abstract thinking, philosophy and theory into practical approaches for creating music.

Typical availability

Spring semester, City campus

50838 Professional Practice (SMD)

6cp; availability: not offered to exchange and study abroad students

This subject introduces students to a variety of views and critiques of professionalism in the fields of music and sound design including: the roles and responsibilities of the creative professional; case studies of practice/studios; business management and planning; preparation for and modes of employment; legalities and liabilities; the ethical professional; the client/creative professional relationship; existing and emerging work practices in the industry; the role of professional bodies. Topics are covered through site visits, guest lectures, workshops and where possible and/or appropriate short term work experience placements.

Typical availability

Spring semester, City campus

50839 Sound for Time-based Media

6cp; availability: not offered to exchange and study abroad students

Sound plays an important role as supporting modality for many time-based media. The subject covers basic understanding of media such as film, video and games, and the role of sound and cross-modal issues. The practical element of the subject covers context-specific issues, such as film sets (Foley theatre, sound effects).

Typical availability

Autumn semester, City campus

50840 Notation and Scoring

6ср

Requisite(s): 50832 Electronic Music Composition

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

For students specialising in composition, this subject investigates a wide array of scoring and notation techniques, including traditional, graphical, symbolic and computer or screen-based scores. Expanding the notion of score as a set of directives for conveying the intention of the composer and for rendering performance and interpretation, techniques for documenting, annotating and communicating music are explored. A diversity of methods are considered in order to match the diversity of music and sound generation performative

techniques available to the contemporary music composer, such as for electronic, acoustic, gestural, ensemble, theatrical and interactive works (even non-linear and generative works). Students also gain an in-depth knowledge of a professional notation program appropriate for commercial music engraving and dissemination.

50841 Orchestration and Timbre

6cp

Requisite(s): 50832 Electronic Music Composition These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

This subject is particularly directed at the composer and creative, exploring the most didactic understanding of orchestration as the organisation of sounds in register, space, texture, sound quality, intensity, combinations and innovations. It concerns clustering, structuring, organising in time, space, pitch and colour and requires knowledge of the materials or instruments utilised. The subject spans acoustic instrumental, orchestral, ensemble writing through to electronic music and electro-acoustic music that generates sounds from the ground up. A significant part of the compositional process is positioning, grouping and choosing sounds to create a certain impression through a detailed understanding of timbre (tone colour). Students examine seminal masterworks from a range of eras, styles and ethnicities and develop works of their own that demonstrate fluency in different presentation scenarios.

50842 Electro-acoustic Composition

6cp; availability: not offered to exchange and study abroad students Requisite(s): 50832 Electronic Music Composition
These requisites may not apply to students in certain courses.
There are also course requisites for this subject. See access conditions

For students specialising in music creation and sonic composition, this directed individual project allows the composer/designer/artist to develop a major creative work of computer/electronic, electroacoustic, art music performance or interactive sonic performance with a view to establishing the graduation portfolio and professional dissemination. The student is guided in tools of practice (software and techniques), and aesthetic and structural development of the work. In addition to creating a substantive creative work, students hone their presentation and professional delivery skills through a public outcome. Style, genre, and medium are intentionally extremely flexible to promote experimentation, creative thinking, innovative mixed-modality, performative or interactive works.

Typical availability

Spring semester, City campus

50843 Live Sound

6cp; availability: not offered to exchange and study abroad students

Sound design for live performance is a broad area that covers basic musical and theatrical understanding, insight in sound system technology and microphone techniques. This subject focuses on aspects of sound design for live performance and live sound practice. It identifies the differences between live sound practice and studio recording practice, and equips students with knowledge about PA systems, multi-channel sound systems and live mixing. Students also learn techniques, such as parametric filtering and delay line, and practise the relationships between microphones, instruments and hall acoustics in a live performance setting.

Typical availability

Spring semester, City campus

50844 Musical Instrument Design

6cp; availability: not offered to exchange and study abroad students

Musical instruments are examples of very sensitive and precise interfaces, allowing rich expression. Traditional mechanical instruments have been developed over centuries, evolving towards profound tools for musical expression. With electronic technologies, the development has been accelerated while the possibilities of the sound sources have increased, leading to a need for a more structured approach to musical instrument design. The subject covers history of musical instruments including taxonomies, electronic interface design principles, interaction frameworks, interface techniques (sensors, actuators and convertors), and structured instrument design. The theoretical background is applied and further expanded in a practical design project, resulting in new instrument forms.

Typical availability

Autumn semester, City campus

50845 Sound Systems

6cp

This subject focuses on the design of sound systems for live performance and theatre. It covers issues of acoustics and openair venues, timing and the spread of sound over large areas using multiple loudspeakers. Students learn to configure and calibrate PA and performance situations for specific physical venues and spatial characteristics and to tailor sound system design for various cultural, technological, architectural situations. Students explore the technical effect of different speaker arrays, configurations, specifications and their interplay in live performance. Students also learn how to respond to dynamic features such as audience, environment, climate and instantaneous, unpredictable events.

50846 Situated Media Installation Studio

12cp; availability: not offered to exchange and study abroad students

 $This \, studio-based \, subject \, explores \, situated \, media \, through \, installation.$ The interaction and experience of media is human-scale and occurs in gallery and museum installations, public places, in ambient (informative or responsive) displays, re-configurable architecture and large spatial environments. The objective of the interdisciplinary collaborative studio is to encourage dialogue across media boundaries and paradigms of designing, to facilitate trans-literacy in a spectrum of medium. Thus photographic and design students collaborate with sound and music students to investigate real-time interaction and the mediation of the human-scale experience, with interfaces such as sensors, camera-tracking, game controllers, wireless technologies, and methods of capturing user engagement. Versatile purposes for installation include informative display, modes of inquiry in public places, entertainment, ambient information display (visualisation and sonification of social and contextual data relating to the spatial, climatic or cultural environment) and dynamic architectural spaces. Students develop innovative ways to integrate different media from specialist design fields, to situating media according to its environment, perspective and context.

Typical availability

Spring semester, City campus

50847 Visualisation and Sonification Studio

12cp; availability: not offered to exchange and study abroad students

Visualisation and sonification are alternatives to textual analysis of abstract information. This studio explores a variety of ways of transforming data into both information visualisation and auditory information for the creation of formal structures, visual and auditory artefacts, or to influence generative processes and ambient display in architectural and public places. In this subject, students investigate effective mapping strategies and alternate modalities for communicating information or using information as the source of creative practice to develop aesthetic and clear methods of representation.

Typical availability

Autumn semester, City campus

50852 Sound Design for Interaction

6Cb

This subject explores the use of sound as an interaction modality in interface design. It examines the purpose of sonification, for example, as a source of information and feedback or an added modality, and the use of sound in current products and systems, such as mobile phones, printers, cars and websites. Students learn the theory and skills needed to develop effective, efficient and pleasurable interactions using sound. User-centred design, ergonomics, engagement, practicality and interface design contribute to the user experience and interactive responsiveness developed in this subject.

50853 Wearable Media and e-Fashion

6cr

Ambient display and pervasive computing permeates wearable communicative technology. Innovations in conductive fibres, motion and bio-data sensors, miniature microprocessors and wearable communication use technology as the enabler in bodyworn designs: e-textiles, e-fashion, clothing, jewellery and other adornments as wearable, smart e-fashion. The purposes for wearable electronic media range from the purposeful and informative (such

as health and fitness monitors, eco-aware, persuasive devices) to communicative and sociable (interactive and responsive visual, auditory, tactile and sensory interfaces) and expressive (fashion, art, craft and individualising designs using contemporary knowledge and materials). This subject fosters design collaboration between students from visual communication, textiles, fashion, craft, computing, sound and situated media experience. Students learn the material characteristics, fabrication and technical requirements of designing for innovative textiles while considering user-centred practical concerns such as wearing, washing, communicating and interacting with the e-fashion artefact. This includes programming for physically responsive and sensing technologies.

51984 Master of Arts Thesis

Ocp; availability: not offered to exchange and study abroad students For subject description, contact UTS: Communication.

Typical availability

Autumn semester, City campus Spring semester, City campus

51985 Master of Creative Arts Thesis

Ocp; availability: not offered to exchange and study abroad students The Master of Creative Arts is examined through the presentation of

a creative work of the equivalent of 20,000-25,000 words and a thesis of 10,000-15,000 words.

Further information is available from UTS: Communication.

Typical availability

Autumn semester, City campus Spring semester, City campus

51991 PhD Thesis: Humanities and Social Sciences

Ocp; availability: not offered to exchange and study abroad students For subject description, contact UTS: Communication.

Typical availability

Autumn semester, City campus Spring semester, City campus

51992 Doctoral Project

Ocp; availability: not offered to exchange and study abroad students For subject description, contact UTS: Communication.

Typical availability

Autumn semester, City campus Spring semester, City campus

55004 Honours Thesis (FT)

24cp; availability: not offered to exchange and study abroad students Requisite(s): 55069 Honours Workshop

Honours subject - 400 level

Honours Thesis is the major component of the Bachelor of Arts (Honours) in Communication program. It provides an opportunity for students to undertake original work informed by advanced theoretical study and independent research, relevant to the academic, professional and/or creative goals they have identified. Students work with an academic supervisor to produce a thesis which may be presented in one of a variety of traditional and/or non-traditional formats.

Typical availability

Autumn semester, City campus Spring semester, City campus

55006 Honours Thesis (Production) (FT)

24cp; availability: not offered to exchange and study abroad students Requisite(s): 55069 Honours Workshop

Honours subject - 400 level

Honours Thesis (Production) is the major component of the Bachelor of Arts (Honours) in Communication program. It provides an opportunity for students to undertake original work informed by advanced theoretical study and independent research, relevant to the academic, professional and/or creative goals they have identified.

Students work with an academic supervisor to produce a thesis which may be presented in one of a variety of traditional and/or non-traditional formats. Production theses may require the use of technical support facilities or equipment.

Typical availability

Autumn semester, City campus Spring semester, City campus

55057 Honours Thesis Part A

12cp; availability: not offered to exchange and study abroad students Requisite(s): 55069 Honours Workshop

Honours subject - 400 level

The Honours Thesis is the major component of the Bachelor of Arts (Honours) in Communication program. It provides an opportunity for students to undertake original work informed by advanced theoretical study and independent research, relevant to the academic, professional and/or creative goals they have identified. Students work with an academic supervisor to produce a thesis which may be presented in one of a variety of traditional and/or non-traditional formats.

Typical availability

Autumn semester, City campus Spring semester, City campus

55058 Honours Thesis Part B

12cp; availability: not offered to exchange and study abroad students Requisite(s): 55057 Honours Thesis Part A

Honours - 400 level

The Honours Thesis is the major component of the Bachelor of Arts (Honours) in Communication program. It provides an opportunity for students to undertake original work informed by advanced theoretical study and independent research, relevant to the academic, professional and/or creative goals they have identified. Students work with an academic supervisor to produce a thesis which may be presented in one of a variety of traditional and/or non-traditional formats.

Typical availability

Autumn semester, City campus Spring semester, City campus

55061 Honours Thesis (Production) Part A

12cp; availability: not offered to exchange and study abroad students Requisite(s): 55069 Honours Workshop

Honours subject - 400 level

The Honours Thesis (Production) is the major component of the Bachelor of Arts (Honours) in Communication program. It provides an opportunity for students to undertake original work informed by advanced theoretical study and independent research, relevant to the academic, professional and/or creative goals they have identified. Students work with an academic supervisor to produce a thesis which may be presented in one of a variety of traditional and or non-traditional formats. The production thesis may require use of technical support facilities or equipment.

Typical availability

Autumn semester, City campus Spring semester, City campus

55062 Honours Thesis (Production) Part B

12cp; availability: not offered to exchange and study abroad students Requisite(s): 55061 Honours Thesis (Production) Part A Honours subject - 400 level

The Honours Thesis (Production) is the major component of the Bachelor of Arts (Honours) in Communication program. It provides an opportunity for students to undertake original work informed by advanced theoretical study and independent research, relevant to the academic, professional and/or creative goals they have identified. Students work with an academic supervisor to produce a thesis that may be presented in one of a variety of traditional and or non-traditional formats. The production thesis may require use of technical support facilities or equipment.

Typical availability

Autumn semester, City campus Spring semester, City campus

55066 Writing Studies Honours Seminar

12cp; availability: not offered to exchange and study abroad students

In this seminar students are asked to engage with a range of contemporary practices and contemporary ideas to do with writing. Students work both critically (theoretically) and creatively. The seminar focuses on current and, for the most part, innovative approaches to writing. These contemporary forms of textuality may include experimental or poetic or hybrid or experimentally essayistic or fictional or interactive writing practices. The main material of the seminar is distributed across generic practices to do with various poetic or interactive or fictional forms of composition. At the same time, the seminar asks students to consider these practices in the context of major types of contemporary critical analysis, such as ecological criticism, language theory, cultural theory, digital aesthetics and theories to do with online types of composition. The seminar is designed to be a 'thinking space' and a 'practising space' for students undertaking major honours projects in composition, contemporary essay, poetry, fiction, internet-related writing and critical thought.

Typical availability

Autumn semester, City campus

55067 Communication and Information Honours Seminar

12cp; availability: not offered to exchange and study abroad students

This subject examines a selection of contested key terms in the Australian intellectual, public policy and professional fields by reference to the theoretical resources offered by journalism, media studies, communication and information studies. Students explore how specific communication and information technologies, practices and impacts are interwoven with social organisation and processes of social change. The development of comparative analyses of key terms draws on different intellectual traditions and explores their usage in different contexts. The subject also facilitates students' capacity to understand their own theoretical constructs, to locate their own usage of key terms in relation to contemporary debates in intellectual policy and professional fields and to pursue research that contributes to those debates.

Typical availability

Autumn semester, City campus

55068 Cultural Studies Honours Seminar

12cp; availability: not offered to exchange and study abroad students

This subject explores some of the methodologies that characterise the contemporary practice of cultural studies. This involves a reexamination of the work of major cultural theorists whose work has influenced cultural studies research; situating their theoretical writings historically and politically, and investigating how they have been used to explicate individual, cultural and social practice. As well studies, ranging from discourse analysis to new ethnography and sensory analysis, and how they are used in cultural research. Students are encouraged to explore the interactions of, and sometimes conflicts between, theories and methods so that they can act as informed, critically aware and creative researchers; able to design the methodology (combination of theories and methods) that is most appropriate to a given project or issue.

Typical availability

Autumn semester, City campus

55069 Honours Workshop

12cp; availability: not offered to exchange and study abroad students

This is the foundational subject for all honours students in communication. It provides students with the opportunity to develop skills that enhance their capacity for undertaking research and independent scholarship and for successfully producing their thesis/production item in the second semester. Working closely with their academic mentors and peers, students deepen their understanding of the theoretical underpinnings of their chosen field and further develop the theoretical framework of their projects.

Typical availability

Autumn semester, City campus

55073 Social Sciences Honours Seminar

12cp; availability: not offered to exchange and study abroad students

This seminar provides an opportunity for students to critically engage with claims to truth made within the social sciences by exploring key epistemological, theoretical and methodological debates held within, and sometimes between, relevant disciplines. As well as providing a critique of processes of knowledge production, the seminar also offers a range of critical theoretical tools as potential starting points for students' own research work. It aims to assist students in developing a theoretically reflexive and analytical approach to their own research knowledge practices, as well as to those of others.

Typical availability

Autumn semester, City campus

57008 Digital Libraries and Collections

8cp

Graduate subject - Information Management - 400 level

This subject focuses on digital information resources and services and virtual collection building and management. The student is introduced to the role and functions of new and emerging technologies associated with the virtual library or digital library environment like electronic journals, electronic repositories and web-based digital information resources and services. Topics covered by this subject include virtual information system coordination and management and principles of collection building and management in electronic environments. Issues related to the development of digital information collections, such as access versus ownership, resourcing and legal issues, are also addressed.

Typical availability

Spring semester, City campus

57009 Information and Knowledge Management Project

16cp; availability: not offered to exchange and study abroad students Requisite(s): 57089c Information Research and Data Analysis AND 48 credit points of completed study in C04203 Master of Arts in Information and Knowledge Management

Graduate subject - Information Management - 500 level

This is a core subject for the Master of Arts in Information and Knowledge Management. The subject involves the implementation of a professional project that is aimed at integrating theoretical knowledge and practical skills. A combination of learning frameworks is used (e.g. learning contracts, information project management, information consolidation) to enable the student to develop, with academic supervision, an individually tailored program or project.

Typical availability

Autumn semester, City campus Spring semester, City campus

57011 Research and Reporting for Journalism

8ср

Graduate subject - Journalism - 400 level

This subject aims to develop sound basic practices in professional journalism. It focuses on news and current affairs research and reporting, the role of journalism in liberal democracies, and journalistic techniques, ethics and standards. Students develop a series of stories in a chosen round. Through group discussion and a close analysis of news and current affairs, students develop an understanding of, and ability to contribute to, contemporary debates in journalism. Students also work to deadlines researching and reporting news stories for journalism publications.

Typical availability

Autumn semester, City campus Spring semester, City campus

57012 Regulation of the Media

8ср

Graduate subject - Journalism - 400 level

This subject examines the ways in which the production and distribution of media and cultural products are regulated, in the context of broader economic, political, historical and social processes. An underlying theme is a critique of the development of and contradictions among different ideas of free speech, and how these are used to promote or defend a range of communication

practices, in particular historical and cultural contexts. The subject aims to develop a working knowledge of relevant areas of media law, such as defamation, copyright and contempt, with an emphasis on understanding the way the law works in practice and the policy issues which arise. A comparative approach is used to explore legal systems in different parts of the world.

Typical availability

Autumn semester, City campus Spring semester, City campus

57013 Journalism Studies

8cp; availability: not offered to exchange and study abroad students Graduate subject - Journalism - 400 level

The aim of the subject is to explore the scholarly debates that address news organisations, journalism practices, and the processes of production and consumption of news and current affairs. A comparative theoretical approach is used to critically examine questions about journalism – both from the point of view of those involved in producing media products and from the point of view of audiences. The subject considers the relationship between the media and ideas about democracy, and the relevance of media theory for professional journalism.

Typical availability

Autumn semester, City campus Spring semester, City campus

57014 Feature Writing

8cp; availability: postgraduate Journalism students are permitted to undertake this subject concurrently with the subject Research and Reporting for Journalism

Requisite(s): 57011c Research and Reporting for Journalism These requisites may not apply to students in certain courses. See access conditions.

Graduate subject - Journalism - 400 level

This subject aims to develop skills in feature story writing through a comparative approach to the work of contemporary practitioners. The emphasis is on developing and improving research and writing skills. Students aim to produce publishable work. The subject offers students insights into the breadth of style and genre available to non-fiction writing, including social-realist writing, essays, columns, profiles, 'new journalism' and more complex in-depth features. A range of techniques of researching, interviewing and writing are practised and critiqued. Ethical considerations are explored in the context of particular examples of production.

Typical availability

Autumn semester, City campus Spring semester, City campus

57021 Journalism Internship

8cp; availability: not offered to exchange and study abroad students Requisite(s): 57011 Research and Reporting for Journalism These requisites may not apply to students in certain courses. See access conditions.

Graduate subject - Journalism - 400 level

This subject gives students opportunities for structured professional work placement in which journalism is produced. Those participating in this subject produce a portfolio of journalism, a written report and a diary of the time and work details during the attachment. Students build on and develop skills they have acquired during their studies and apply those skills in a practical environment. The subject is aimed at self-directed learning and regular academic supervision. Students are also asked to present a seminar paper that reflects their knowledge and learning experience with other students.

Typical availability

Autumn semester, City campus Spring semester, City campus

57022 Foundations of Communication

8cp; availability: not offered to exchange and study abroad students Graduate subject - Public Communication - 400 level

This subject introduces the concept of the management arenas within which communication is practised. It analyses the communication issues raised by different organisational contexts and applies the

models and metaphors of dominant and alternative perspectives in communication studies. Meaning-making processes in communication management practice are studied to develop an understanding of communication as negotiated meaning. Students learn to approach workplace situations critically and creatively and develop their communication management expertise in interpersonal and mediated communication to handle change, uncertainty and complexity.

Typical availability

Autumn semester, City campus Spring semester, City campus

57023 Communicating with Publics

8cr

Graduate subject - Public Communication - 400 level

In this subject students analyse the social construction of publics and organisation-public relationships. They study different models of public relations practice and draw on current theories about publics, audience and media to help them understand the development of strategies to communicate with internal and external publics. There is a strong focus on identifying the ethical implications of decisions, actions and outcomes in communicating with publics. Students are encouraged to participate in a discussion on approaches to empowering or influencing publics. The attitudes, knowledges, behaviours and issue positions of various publics are studied to enable students to assess how best to communicate with them. Students learn about different research strategies for understanding communicating with publics.

Typical availability

Autumn semester, City campus Spring semester, City campus

57024 Managing Public Communication Strategies

8cr

Requisite(s): 57023 Communicating with Publics

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Graduate subject - Public Communication - 400 level

This subject explains the concept of public relations as communication management and demonstrates the contribution and relevance of public relations to modern organisations. A range of perspectives provides thoughtful and challenging approaches to the work of a public relations practitioner. Students learn to set goals and objectives and to plan and implement campaigns for internal and external publics. They become confident in evaluating all aspects of their work and develop competency in cost-benefit analysis and the analysis of the financial implications of their work. Public relations principles are applied to examples from students' own professional practice to develop a reflective understanding of why as well as how to approach particular issues and problems.

Typical availability

Autumn semester, City campus Spring semester, City campus

57025 Intercultural and International Communication

8cc

Graduate subject - Public Communication - 400 level

This subject focuses on media representations of similarities and differences, ethnocentrism in communication and methods for achieving cross-cultural communication. It introduces critical themes and vocabularies in intercultural communication and explores the links between communication and culture creation. It analyses the sociopolitical circumstances and individual attribution processes that lead to stereotyping, and in this context assesses the role of verbal and non-verbal communication. Students develop strategies for dealing with cross-cultural issues, for working in multicultural teams and organisations, and for designing communication for and with multicultural publics and audiences. Globalisation and localisation strategies and effects are studied with a particular focus on communicating in and with Asia, and other key sociopolitical geographic arenas. This subject is designed to enable students to deal with the impact of the increasing internationalisation of communication management, public relations and advertising. It challenges the use of ethnocentric communication and assists students to develop effective strategies for achieving cross-cultural communication.

Typical availability

Spring semester, City campus

57026 Strategic Communication and Negotiation

8cn

Graduate subject - Public Communication - 400 level

This subject analyses and critiques communication campaigns and develops expertise in using strategic planning and applying it to communication management. This involves applying understandings of environmental scanning, stakeholder analysis and issues management. There is an emphasis on understanding consultative processes and learning effective approaches to community consultation. Students develop an understanding of and expertise in negotiation strategies. They study techniques of negotiation and conflict to enhance the development of expertise in managing different expectations and results. Students learn a practical approach to negotiating agreement and apply it to their communication and public relations work.

Typical availability

Spring semester, City campus

57028 Research for Communication Professionals

8ср

Graduate subject - Public Communication - 400 level

This subject introduces a range of research methods useful for communication practice and ensures that students can choose and use appropriate research methodologies. Using examples drawn from industry, research is presented as a tool to make the practice of communication and public relations more responsive, effective, useful and professional. Students develop expertise in designing research, making observations, taking measurements, and interpreting and reporting their findings, all with a focus on the kinds of research they are likely to encounter in their own careers. It provides those enrolling in the Communication Management Project with the necessary knowledge of research to design and manage their projects.

Typical availability

Autumn semester, City campus

57031 Non-fiction Writing

8cp; availability: not offered to exchange and study abroad students Graduate subject – Writing – 400 level

Non-fiction writing takes many forms, and each of these has its own generic conventions, limitations and potentials. This subject explores the similarities and differences between such genres as the essay, technical and scientific writing, writing history (and recording oral histories), writing about place, cultural criticism and feature journalism. In any one semester, the genres considered depend on the availability of expert staff and on student interest.

Typical availability

Autumn semester, City campus Spring semester, City campus

57035 Organisational Change and Communication

8ср

Graduate subject - Public Communication - 400 level

In this subject students analyse differing perspectives on communication in organisations and the ways in which group processes affect organisational life. The subject focuses on the communication features of management and leadership and aims to provide students with the ability to evaluate and critically discuss their own and others' leadership and communication styles. It enables students to make connections between theories and practice so they can develop successful team building and team management strategies. Conflict management, change management, culture creation, problem solving and decision-making are some of the workplace challenges explored in this subject. Approaches to leadership, communication climate and motivation of staff are analysed in the context of ever-changing organisational environments, including technology and globalisation.

Typical availability

Autumn semester, City campus

57041 Narrative Writing

8ср

Graduate subject – Writing – 400 level

This subject emphasises narrative development, with close attention to the relationship between structure and content in traditional and experimental fiction. Craft skills appropriate to narrative writing are developed through exercises and sustained work on pieces of fiction, along with consideration of principles of editing and revision. The focus of the class is the students' own work. A range of narrative writing is read and discussed, integrating practical work with critical reflection on the processes of narrative writing. This is a core subject for postgraduate writing students and is suitable for students in other areas wishing to develop their writing through exercises and sustained work.

Typical availability

Autumn semester, City campus Spring semester, City campus

57046 Professional Editing

8ср

Graduate subject - Writing - 400 level

This subject is offered to postgraduate students who wish to gain a practical understanding of the process of editing written texts, so that they may edit works themselves, or so that they have an understanding of the process when their own work is edited. The subject focuses on the editing of literary fiction and non-fiction manuscripts. The emphasis is on editing book-length manuscripts but the skills can be applied to editing any written texts.

Typical availability

Autumn semester, City campus Spring semester, City campus

57053 Book Publishing and Marketing

acp

Graduate subject - Writing - 400 level

This subject is offered to students who wish to gain an understanding of the place of marketing in the publishing industry. Among a variety of aspects of publications marketing, the subject, explores both the inherently creative links between publishing and marketing and also detailed issues such as strategic marketing campaigns, the construction and management of budgets, the evaluation of marketing strategies, and methods for analysing the retail market where specific publications are concerned. The subject shows students how to identify and understand a target audience and the most effective ways to reach it. In this subject the focus is on the marketing of books and magazines, though many of the principles discussed could be applied to other forms of text publications.

Typical availability

Spring semester, City campus

57061 Issues in Documentary

8ср

Graduate subject - Media Arts and Production - 400 level

This subject introduces students to contemporary debates in documentary through a study of documentary history, genre, ethics and changing forms. It develops skills in critically analysing documentary film and its evolution from silent film through to the digital online environment. Students present critical documentary case studies via screenings and analysis using contemporary documentary film scholarship. Students develop documentary proposals for film, television and/or the online environment from research to treatment or first draft stage. Students participate in project workshops to discuss their proposals and essays. Students may also produce indepth critical analyses of documentary film(s) and/or contemporary issues in documentary.

Typical availability

Autumn semester, City campus

57084 Information Architecture and Design

Вср

Graduate subject - Information Management - 400 level

This subject introduces students to user-centred information design and architecture principles. These are applied specifically to the development of information products and services that facilitate

a variety of communication interactions. Content management and organisation is examined in relation to models for designing and structuring information and communication products. These models are evaluated in terms of their appropriate application to the opportunities and capabilities available for distributing information across a range of print and multimedia. Policies and key issues such as accessibility, ethics, intellectual property, privacy and security, publishing, usability and online teaching and learning are related specifically to implications for accessing, using and sharing knowledge. On a practical level, students develop professional capabilities for translating information architectures into web materials using web authoring and HTML skills. They also develop professional communication and collaboration skills by working in teams to meet collectively negotiated goals.

Typical availability

Autumn semester, City campus

57087 Knowledge Management and the Organisation

2cr

Graduate subject - Information Management - 400 level

This subject explores notions of information and knowledge, critically examining the range of viewpoints and concepts within knowledge management. Students examine a variety of types of organisations, and practice techniques for analysing and evaluating the internal and external information and knowledge environments of these organisations. From this analysis of information and knowledge production, flows and processes can be identified and evaluated. The subject emphasises the human characteristics of generating, communicating and using knowledge, and the way these can be integrated with the organisational strategy and processes. Students will have an understanding of the knowledge components of organisational processes and cultures, and the role of the information professional in knowledge-based organisations. The value of knowledge within organisations is explored via knowledge management case studies.

Typical availability

Autumn semester, City campus

57089 Information Research and Data Analysis

8ср

Requisite(s): 57100 People, Information and Knowledge Graduate subject - Information Management - 400 level

This is a core subject for the Master of Arts in Information and Knowledge Management. Students are introduced to a range of the quantitative and qualitative research methods used in the study of people and information and develop skills in analysing and presenting data using standard software packages. Students apply their knowledge and skills to designing and executing a pilot research project. The ethics and politics of research are covered and the differing views of reality, the roles of the researcher and the establishment of knowledge claims are introduced.

Typical availability

Spring semester, City campus

57100 People, Information and Knowledge

8ср

Graduate subject - Information Management - 400 level

This subject begins with an examination of the fundamental philosophies of information and knowledge relevant to the areas of information management and knowledge management. It also serves as an introduction to frameworks for exploring and analysing people's information behaviour. Students develop a detailed understanding of the theoretical underpinnings that link people, information and knowledge. The subject introduces the concepts of information ecologies and communities of practice as part of the skill set for working with and understanding the implications of people needing, using and adding value to information. These concepts draw on multidisciplinary theories articulated within the social, cognitive, management and computing sciences.

Typical availability

Autumn semester, City campus Spring semester, City campus

57101 Advanced Screenwriting

8ср

Requisite(s): 50359c Screenwriting OR 50309 Advanced Screenwriting OR 57142 Writing for the Screen

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Graduate subject - Writing - 400 level

This subject explores the creative and complex storytelling potential of the cinematic image. It examines the relationship between the eye of the camera and the written text and offers students an opportunity to investigate both sound and image as metaphor while developing an existing piece of screenwriting. It explores adaptation from a literary source as well as storytelling possibilities opened up by digital technology and contemporary experiments in narrative structure. Students with an existing treatment or draft may develop a feature or short feature. Students with a short drama may develop a shooting script.

Typical availability

Spring semester, City campus

57103 Knowledge Management Strategies

8cp; availability: not offered to exchange and study abroad students Requisite(s): 57087 Knowledge Management and the Organisation OR 32534 Knowledge Management Systems OR 21860 Managing Knowledge

Graduate subject - Information - 400 level

This subject builds on an understanding of organisational drivers for managing information and knowledge. Students investigate the characteristics of a broad range of strategies within the current rhetoric of knowledge management. This investigation considers the roles of enablers such as people, process, content and technology in planning and managing knowledge initiatives to reinforce, support and/or strengthen the knowledge environment. Topics covered are largely driven by current developments within knowledge management and include building knowledge cultures, creativity and innovation, organisational memory, facilitating communities of practice, managing content, value creation and knowledge transfer. At end of the subject students will be able to propose appropriate strategies for creating, sharing and using knowledge to achieve goals at both a group and organisational level.

Typical availability

Spring semester, City campus

57104 Information and Knowledge Management Project Part A

4cp; availability: not offered to exchange and study abroad students Requisite(s): 48 credit points of completed study in C04203 Master of Arts in Information and Knowledge Management AND 57089 Information Research and Data Analysis

Graduate subject - Information Management - 500 level

This is a core subject for the Master of Arts in Information and Knowledge Management. The subject involves planning a professional project that is aimed at integrating theoretical knowledge and practical skills. A combination of learning frameworks is used (e.g. learning contracts, information project management, information consolidation) to enable the student to plan and develop, with academic supervision, an individually tailored program or project.

Typical availability

Autumn semester, City campus Spring semester, City campus

57105 Information and Knowledge Management Project

12cp; availability: not offered to exchange and study abroad students Requisite(s): 57104 Information and Knowledge Management Project Part A

Graduate subject - Information Management - 500 level

This is a core subject for the Master of Arts in Information and Knowledge Management. The subject involves the implementation of a professional project that is aimed at integrating theoretical knowledge and practical skills. A combination of learning frameworks is used (e.g. learning contracts, information project management, information consolidation) to enable the student to implement, with academic supervision, an individually tailored program or project.

Typical availability

Autumn semester, City campus Spring semester, City campus

57108 Film Animation

6cr

Graduate subject – Master of Animation (Faculty of Design, Architecture and Building)

This subject introduces students to all the major styles of traditional film animation and to the study of film animation techniques. Students are introduced to flip books, claymation, drawing on cells, pixillation and collage animation styles through hands-on exercises and detailed study of animation films. Equipment used includes 16 mm non-sync cameras and 16 mm and 35 mm Oxberry Animation Stands.

Typical availability

Autumn semester, City campus

57109 Film Animation

8ср

Graduate subject - Media Arts and Production - 400 level

This subject introduces students to all the major styles of traditional film animation and to the study of film animation techniques. Students are introduced to flip books, claymation, drawing on cells, pixillation and collage animation styles through hands-on exercises and detailed study of animation films. Equipment used includes 16 mm non-sync cameras and 16 mm and 35 mm Oxberry Animation Stands.

Typical availability

Autumn semester, City campus

57122 Short Fiction Workshop

8cp

Requisite(s): 57041 Advanced Narrative Writing OR 57031 Non-

fiction Writing

Graduate subject - Writing - 400 level

This is an advanced workshop subject for students who are interested in short fiction, and keen commence work on a collection of short stories. The focus of this subject is on form: what makes a short story? How do I turn a simple narrative or even an anecdote into a short story? We also focus on redrafting and editing.

Typical availability

Autumn semester, City campus

57124 Novel Writing

8ср

Requisite(s): 57041 Advanced Narrative Writing OR 57031 Nonfiction Writing

Graduate subject - Writing - 400 level

This is an advanced workshop for students who have some background in fiction writing and who are either commencing work on a novel or have already commenced. The aim of this subject is to produce the opening section of a potential novella or novel, or a substantial portion of a work in progress, minimum 5000 words and maximum 10,000 words. Contemporary and experimental forms of the novel are studied and encouraged as well as more traditional narratives. Students study a range of short novels that enhance their understanding of the form and help develop their critical skills. Workshop participation and peer assessment are a vital part of this subject.

Typical availability

Spring semester, City campus

57130 Animation Concepts Seminar

6ср

Graduate subject – Master of Animation (Faculty of Design, Architecture and Building)

This subject covers some key concepts of animation. Students will be able to study and research these concepts in relation to major and experimental methods for generating animation (including optical toys, stop frame, pixillation, procedural, motion capture, genetic algorithms, cel, claymation, rotoscoping, interactive, real-time, 2D and 3D computer animation). Learning is by lectures, seminars and in-class presentation by students.

Typical availability

Autumn semester, City campus

57131 Inventive Media Advertising

8cp

Graduate subject - Public Communication - 400 level

This subject explores the importance of ideas in communication and building brands, the challenges posed by a diverse media landscape and the efficiency of advertising. Against a backdrop of technological change, students examine the consumer's interactions with the media, brands, ideas and advertising. As a component of finding insights and recognising ideas, students examine what changes occur in ideas as they migrate from one channel to another and the associated issues for practitioners. In pursuit of innovative approaches to idea generation, a critical research and practice-based approach is taken in which students explore experimental and industry techniques and critique their value in uncovering ideas with practical potential for advertising. Students develop creative solutions for a variety of channels representative of today's complex media environment.

Typical availability

Spring semester, City campus

57132 Media Relations

8cp

Graduate subject - Public Communication - 400 level

In this subject, students explore the role and uses of media relations for communication management. They explore the relationship between journalism and public relations and the structures, regulatory frameworks and processes relevant to developing media strategies. They review mass communication research traditions such as media effects theories and agenda setting, applying their understanding to issues for professional public relations practice. Public opinion and diffusion of ideas and innovations are examined, along with the concept of the public interest. Students investigate ways in which new media have changed the landscape for communicating with publics and for media relations. They practise developing media plans and products to broaden their awareness of the diversity of media channels. In their final project, they develop briefing notes and perform as interviewees in the UTS television studios.

Typical availability

Autumn semester, City campus

57133 Writing Poetry

8ср

Graduate subject - Writing - 400 level

In this subject students write extensively and read widely in a variety of genres of contemporary and modern poetry. The subject is designed for students who, interested in writing, have a sustained interest in poetry or who, while not being poets themselves, wish to develop a working knowledge of recent and contemporary practices in poetry. The approach stresses the student's own creative practice and the exploration of genre and technique in the composition of poetry. The unit also introduces the work of a number of contemporary Australian and international poets as part of a field of creative and professional contexts in which poetry is written today. The unit is a workshop designed to encourage participants to enhance their skills as poets and also to develop a critical ability in editing and revising their own work and that of other writers in the class. At the same time, broad issues to do with the work of the contemporary poet, whether to do with specific aspects of creative practice, publishing, experimentation, or the presence of poetry in performance oriented or other non-literary formats, will feature in the workshop.

Typical availability

Spring semester, City campus

57134 Theory and Creative Writing

8ср

Graduate subject - Writing - 400 level

This is a core subject for two of the graduate writing programs and one which provides valuable theoretical and historical contexts for students' own writing. It introduces students to major developments in literary theory and examines in close detail a number of key texts from several genres that illuminate the use of theory for the practising writer. It also introduces students to some of the major developments in western literature, such as realism, modernism and postmodernism, as well as to the narrative theories that underlie these developments,

particularly in relation to contemporary writing. Students critically explore ideas on writing directly arising from their theoretical and other reading, both in classroom discussion and in their written work. Students also workshop their creative writing, which is expected to reflect aspects of writing and literary theory that has been explored in the subject.

This subject:

- contextualises writing by examining literary movements, ideas and developments
- promotes essential critical and creative thought in relation to reading and writing
- enables a practical understanding of aesthetics and cultural debates
- enables exploration and experimentation of ideas in writing practice.

Typical availability

Autumn semester, City campus Spring semester, City campus

57138 International and Comparative Journalism

8ср

Graduate subject - Journalism - 400 level

This subject is concerned with the ways in which the philosophical basis, role and activities of journalism have developed in relation to social context. It takes a comparative approach to historical and contemporary forms of journalism in western liberal democracies, post-colonial multi-party states and single-party states, and relates professional and community practice in journalism to developments in the political, economic and coercive fields. Among other themes it will consider internationalisation of news flows, development journalism, policy initiatives such as NWICO (the New World Information and Communication Order), free speech and censorship, and public/private sector media. It emphasises the specificity of historical and geographic factors within larger structural developments, and takes a comparative and critical approach to the use and evaluation of social theory.

Typical availability

Autumn semester, City campus Spring semester, City campus

57142 Writing for the Screen

a28

Graduate subject – Writing – 400 level

This subject offers postgraduate students the opportunity to develop advanced skills in writing for the screen. Students can develop short or long-form drama or animation. Students develop an idea through industry-accepted stages of development and formats and through workshops with professional actors. Students gain skills in research, visualisation, structuring, storytelling and character development. Students also improve their ability to read, develop and script-edit their own work and the work of their colleagues.

Typical availability

Autumn semester, City campus Spring semester, City campus

57144 Popular Fiction

8cp

Requisite(s): 57041 Advanced Narrative Writing OR 57031 Nonfiction Writing OR 57142 Writing for the Screen OR 50359 Screenwriting OR 50309 Advanced Screenwriting

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Graduate subject - Writing - 400 level

This subject provides a theoretical understanding of, and practice in, the writing of three popular genres: crime/adventure, romance, and science fiction/fantasy. It offers students the opportunity to work in a specific genre while simultaneously exploring the wider codes, conventions, structures and possibilities of writing popular fiction. It examines the historical and contemporary importance of popular fiction as a literary form and ways in which generic forms may be used or subverted. Several key popular fiction texts are examined with critical reflection on linear narrative and the concept and construction of plot.

Typical availability

Autumn semester, City campus

57145 Freelance Writing

8c

Requisite(s): 57041 Advanced Narrative Writing OR 57031 Nonfiction Writing OR 57142 Writing for the Screen OR 50359 Screenwriting OR 50309 Advanced Screenwriting

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Graduate subject - Writing - 400 level

This subject addresses the theoretical and practical aspects of critical writing in the key creative and professional genres: literary journalism, essay writing, reviewing (particularly book reviewing) and literary criticism. Students are introduced to examples of critical writing in magazines and journals as well as in the major newspapers, and are encouraged to engage with the nature of informed critical reading in relation to contemporary writing. The subject aims to increase understanding of how appropriate critical writing responds to significant literary issues, and how it may usefully contribute to debate over these issues. This subject includes examination of significant literary or cultural topics, focusing on specific texts or authors and the writing of a profile, essay or review article demonstrating an understanding of and engagement with the institutional, publishing and media context in which critical writing is produced.

57146 Organising Information

ao8

Graduate subject – Information and Knowledge Management – 400 level

This subject explores the interrelationship between processes and principles of information/knowledge organisation and information access. Students learn advanced skills of information organisation and apply them to the design and development of a database created in response to particular client requirements. The subject covers topics such as database structures, content analysis, indexing, abstracting, classifying, content management, architecture and metadata creation. The major project involves database creation and usability testing.

Typical availability

Spring semester, City campus

57147 Enterprise Content Management

8cr

Graduate subject – Information and Knowledge Management – 400 level

Enterprise content management (ECM) includes the strategies, processes and tools used to capture, manage, store, preserve, and deliver content to support organisational outcomes. This subject provides an overview and explanation of ECM and its key components. It explores how ECM contributes to the management and use of an organisation's structured and unstructured information, wherever that information exists.

Students explore frameworks of ECM and are introduced to the strategies and techniques for managing records, documents, email, web-based and collaboration content, business applications such as customer relationship management and enterprise resource planning, business processes and workflow. The subject explores key strategic drivers for ECM, such as governance and information sharing, and shows how organisations effectively deploy ECM to improve relationships between people, content, processes and technology and contribute to organisational outcomes.

Typical availability

Spring semester, City campus

57148 Discovering and Accessing Information

8cp

Graduate subject – Information and Knowledge Management – 400 level

This subject explores the nature, functions and characteristics of a range of resources and collections in diverse settings. It examines the interrelationship between processes and principles of information/knowledge organisation, selection and retrieval practices and information seeking behaviours. Students develop an understanding of the theory and practice of information retrieval and collection

management in networked information environments. Students learn to apply client-centred approaches to information retrieval and develop specialised search strategies that enable them to improve client access to electronic and print resources. The subject covers topics such as: Boolean logic, thesauri tools, keyword searching, metadata and mediating relationships. Information retrieval interactions (including interpreting the needs of information seekers, negotiating, question analysis, searching and evaluating retrieval effectiveness) are also examined. These principles are put into practice in specific client contexts in the workshops and assessable tasks.

Typical availability

Autumn semester, City campus

57149 Information and Knowledge Management Major Paper

8cp; availability: not offered to exchange and study abroad students Requisite(s): 57089 Information Research and Data Analysis AND 48 credit points of completed study in C04203 Master of Arts in Information and Knowledge Management Graduate subject - Information and Knowledge Management - 500

Graduate subject - Information and Knowledge Management - 500 level

In this subject, students explore in depth a topic relevant to a specific area of information or knowledge management theory or practice and prepare a major paper for publication in a refereed journal of the field. Students critically analyse and synthesise theoretical and professional literature on the topic; they also have the opportunity to theorise their own practice. Students demonstrate their understanding of the topic through the presentation and discussion of their major paper and extend this understanding to the topic areas chosen by others in the student group.

Typical availability

Autumn semester, City campus Spring semester, City campus

57150 Editing and Design

8ср

Requisite(s): 57011 Research and Reporting for Journalism Graduate subject - Journalism - 400 level

This subject introduces students to the basic principles, techniques and professional practice of editing, layout, design and production across print and online media. The subject covers print in all its forms as well as aspects of editing for online publications. The subject takes as its premise that whatever information is to be delivered, and by whatever sophisticated means, it remains imperative this is achieved by applying professional principles such as accuracy, clarity, fairness and balance and that the scrupulous eye and rigorous standards of a trained sub-editor are essential to that outcome. The subject covers the theory and practice of editing, the role of the sub-editor, and basic design and layout for print and online media.

Typical availability

Autumn semester, City campus Spring semester, City campus

57151 Storytelling with Sound and Image

8ср

This subject explores the production of news and current affairs in the audio visual domain within the context of a critical examination of current professional practice. Students develop skills in audio and video recording, interviewing, scripting, editing and presentation while devising and producing short news and current affairs reports. Students develop an understanding of the impact of online media developments on audio and visual journalism and the ethical implications that arise in the production of broadcast materials. A focus on issues relevant to cultural diversity is maintained throughout the course. Students log their stories in their e-portfolios, exploring the prospect of publishing more broadly.

Typical availability

Autumn semester, City campus Spring semester, City campus

57152 Investigative Research in the Digital Environment

8ср

This subject introduces advanced skills and methods for doing investigative research in the electronic environment, often referred to as computer-assisted research, not only for advanced information retrieval, but also for data mining and data and information analysis. Students develop their capacity to use contemporary computer-based methods of investigation in combination with other methods of inquiry and analysis to produce new knowledge and insights in relevant fields of practice that include information and knowledge management, journalism and other forms of social research. As well, students develop PIM (personal information management) techniques, including the creation of databases and digital repositories and explore how these can be used in the writing of research briefings for clients, reports for a range of publics, or investigative stories for audiences. This subject is designed for postgraduate students who already have basic information discovery and retrieval skills developed in information management, journalism, business, or other relevant field of practice.

Typical availability

Autumn semester, City campus Spring semester, City campus

57153 Digital Curation

8ср

Postgraduate

Increasingly vast amounts of digital data, content and objects are being created in a multitude of formats, in many organisational and cultural contexts, including museums, archives, film and media organisation, government, corporate and research institutions. As well, there has been huge investments in digitisation and purchase of digital content and information. In this subject students are introduced to both the theory and applied knowledge of storing and preserving this digital content so that future generations are able to access and understand it. Students are introduced to a range of techniques for digitising analogue materials, for migrating these file formats to newly developed technologies, for preserving the original context of the content and to provide mechanisms for this content to be accessed. In a collaborative and interactive learning environment, students develop specifications for digital curation projects and prototype trusted digital curation models, taking into consideration the social-economic and legal aspects of digital curation, such as digital rights managements, archival evidence and specialised social and cultural contexts.

Typical availability

Spring semester, City campus

57154 Writing Television Drama

8cp

This subject offers postgraduate students a comprehensive overview of, and active participation in, the practical processes involved in developing and writing long form television character-based drama and comedy, from initial idea through to script production. The subject is project-based, taking students from the basic elements of screenwriting, through the particular collaborative process of television series and serial writing, and acquainting them with the idiosyncrasies of dealing with producers, story liners, editors and directors. Students view and critically analyse a wide range television drama and comedy, and hybrid forms, from Australia and overseas. Working in groups, each student generates an idea for a television series which is then developed into a formal, 'series outline', or 'production bible', This includes a complete draft of a sample episode. Students learn how to pitch an idea to producers/ directors and from it produce the type of follow-up document that has currency within the industry. Students are assessed on both group and individual work.

Typical availability

Spring semester, City campus

57155 Online Journalism

8cp

Requisite(s): 57011 Research and Reporting for Journalism These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject introduces students to the application of internet technologies to journalism practice. It builds on the journalism skills of research, reporting, interviewing and analysis and applies them to the World Wide Web. The subject explores changes in professional journalism practice and the major issues related to sourcing and publishing journalism on the web. It teaches web publishing skills for journalism and explores content management systems for the publication of text, video, stills, audio and soundslides.

Typical availability

Autumn semester, City campus Spring semester, City campus

57156 Radio Journalism

8cp

Requisite(s): (57011 Research and Reporting for Journalism AND 57151 Storytelling with Sound and Image) OR (57168 Sound and Interaction AND 57167 Moving Image)

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject develops the editorial, technical and presenting skills involved in the production of radio current affairs journalism. Students study a range of current affairs formats as they produce short- and long-form current affairs packages for broadcast on radio station 2SER-FM. As the students learn practical radio journalism skills, they explore the editorial and ethical issues that exist in the professional broadcast environment.

Typical availability

Spring semester, City campus

57158 Television and Video Journalism

8ср

Requisite(s): (57011 Research and Reporting for Journalism AND 57151 Storytelling with Sound and Image) OR (57167 Moving Image AND 57168 Sound and Interaction)

These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject develops the editorial, technical and presenting skills involved in the production of television and video news and current affairs journalism. Students study a range of news and current affairs formats as they produce short- and long-form news and current affairs packages suitable for broadcast on the internet and/or television. As the students learn practical television and video journalism skills, they explore the editorial and ethical issues that exist in the professional broadcast environment.

Typical availability

Autumn semester, City campus Spring semester, City campus

57161 Investigative Journalism

8cp; availability: not offered to exchange and study abroad students Requisite(s): 57011 Research and Reporting for Journalism These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject introduces students to investigative reporting, a style of journalism which probes deeper than most daily news journalism. Students familiarise themselves with research techniques which have proved useful to journalists pursuing in-depth stories, analyse and learn from investigative reporting by others, and solve problems which arise in stories through group discussion. The subject emphasises problem solving in the context of hands-on experience in developing stories from conception to finished product. The

subject is designed to: demonstrate a wide variety of practical research techniques, especially the use of public records; to show the distinctiveness of investigative reporting; and to use students' own problems and experience in researching their assignments as practical examples of the way to apply investigative techniques.

Typical availability

Autumn semester, City campus Spring semester, City campus

57162 Memory and Life Writing

8cp; availability: not offered to exchange and study abroad students

The study and writing of a life is now one of the most popular and dynamic fields in non-fiction scholarship. This subject introduces students to the interdisciplinary study of life writing in forms such as biography, autobiography, family history, oral history, memoir, TV, radio, drama and portraiture, and engages with the critical and methodological issues raised by these various approaches. In scoping the field, this subject engages with central issues of memory, agency, identity, self-representation, and so on. Life writing can encapsulate the relation between the individual and society, the local and the national, the past and present, and the public and private experience. Through its various activities, the subject aims to air such topics for both academic and 'general' audiences, especially through a consideration of how life writing contributes to our broader cultural heritage.

Typical availability

Spring semester, City campus

57163 Non-fiction Project Development

8cp; availability: not offered to exchange and study abroad students Requisite(s): 57031 Non-fiction Writing AND ([57061 Issues in Documentary OR 57162 Memory and Life Writing)] AND 8 credit points of completed study in SMJ10042 Media Arts and Production sub-major

There are also course requisites for this subject. See access conditions.

This subject requires students to plan and structure their major project through research and development, and in consultation with their allocated academic advisor. The subject is conducted by individual guidance and group work, and students are required to regularly present the progress of their research and development throughout the semester. Students critically explore the most appropriate and effective methods for realising their substantial work of non-fiction.

Typical availability

Autumn semester, City campus Spring semester, City campus

57164 Non-fiction Writing Project

16cp; availability: not offered to exchange and study abroad students Requisite(s): 57031 Non-fiction Writing AND 57061 Issues in Documentary AND 57162 Memory and Life Writing AND 57163 Non-fiction Project Development

There are also course requisites for this subject. See access conditions.

This subject requires students to synthesise the knowledge and skills they have developed in the Master of Arts in Non-fiction Writing. The completion of a substantial work of non-fiction writing is the capstone of the course, and demonstrates the students' ability to work professionally and independently. On completion of this subject students are expected to be able to demonstrate high-level skills in researching, developing, structuring and completing a major written project in a selected non-fiction genre. Students respond to critical feedback throughout the supervision of the process, to re-write and edit their work.

Typical availability

Autumn semester, City campus Spring semester, City campus

57165 True Crime

8cp; availability: not offered to exchange and study abroad students Requisite(s): 57041 Advanced Narrative Writing OR 57031 Nonfiction Writing

This subject focuses on true crime writing. Students are asked to engage with the history, contexts, conventions and contemporary debates around the notion of true crime. The subject aims to develop students' awareness of the wide possibilities and scope of writing creatively in the true crime genre, and to produce an extended piece of true crime writing in a workshop environment.

Typical availability

Spring semester, City campus

57166 Documentary Production

8cp; availability: not offered to exchange and study abroad students

This subject explores conceptual and production approaches to documentary media forms. Students are introduced to key documentary modes, and examine documentary strategies and forms from photo essay to video and sound documentary, to emerging online and interactive documentary. Students undertake a series of handson exercises to advance their skills in producing, directing, shooting and editing for documentary. They also take a short documentary from idea to treatment. Throughout the subject, students investigate the issues facing media producers seeking to work with the creative interpretation of reality.

Typical availability

Spring semester, City campus

57167 Moving Image

8cp; availability: not offered to exchange and study abroad students

This subject introduces students to the creative challenges and technical demands of making moving images using a range of digital imaging technologies. The subject explores essential concepts and craft skills needed for moving image production in fields such as camera, lighting, directing, sound recording and editing. Students are introduced to concepts of montage, rhythm, juxtaposition and structure, in addition to learning practical skills connected with editing audiovisual media. The subject is structured to encourage students to learn through hands-on learning, experimentation and collaboration. The delivery of the teaching and learning is through a series of seminars, in-class and out-of-class exercises, and practical workshops. While introductory in assumed knowledge, the subject is designed for postgraduate-level students who are interested in developing moving image production skills.

Typical availability

Autumn semester, City campus Spring semester, City campus

57168 Sound and Interaction

8cp; availability: not offered to exchange and study abroad students

In this subject, students explore the history, theory and production of new media and sound, involving key historical sound texts, contemporary audio practices, the rise of interactive new media forms and the emergence and impacts of social media, podcasting and other approaches. Students research and examine a range of creative works involving sound and interaction, and utilise social media tools to investigate aspects of sound and digital media culture and production. Students develop basic production skills in audio recording, mixing, and online media development. Students also develop critical, conceptual and technical skills, producing a series of short works with audio and online outcomes.

Typical availability

Autumn semester, City campus Spring semester, City campus

57169 Moving Image

6cp; availability: not offered to exchange and study abroad students

This subject introduces students to the creative challenges and technical demands of making moving images using a range of digital imaging technologies. The subject explores essential concepts and craft skills needed for moving image production in fields such as

camera, lighting, directing, sound recording and editing. Students are introduced to concepts of montage, rhythm, juxtaposition and structure, in addition to learning practical skills connected with editing audiovisual media. The subject is structured to encourage students to learn through hands-on learning, experimentation and collaboration. The delivery of the teaching and learning is through a series of seminars, in-class and out-of-class exercises, and practical workshops. While introductory in assumed knowledge, the subject is designed for postgraduate-level students who are interested in developing moving image production skills.

Typical availability

Autumn semester, City campus Spring semester, City campus

57170 Sound and Interaction

6cp; availability: not offered to exchange and study abroad students

In this subject students explore the history, theory and production of new media and sound, involving key historical sound texts, contemporary audio practices, the rise of interactive new media forms and the emergence and impacts of social media, podcasting and other approaches. Students research and examine a range of creative works involving sound and interaction, and utilise social media tools to investigate aspects of sound and digital media culture and production. Students develop basic production skills in audio recording, mixing, and online media development. Students also develop critical, conceptual and technical skills, producing a series of short works with audio and online outcomes.

Typical availability

Autumn semester, City campus Spring semester, City campus

57171 Writing for the Screen

6cp; availability: not offered to exchange and study abroad students

This subject offers animation students the opportunity to develop screenwriting skills. Students develop a screenplay, 5–10 minutes in length, and suitable for any kind of animation. Students may produce a written screenplay and/or a storyboard-based screenplay. Students develop an original idea and gain skills in storytelling through exploring character development, structure, research and visualisation. Students also improve their ability to read, develop and edit their own work and the work of their peers.

Typical availability

Spring semester, City campus

57172 Advanced Moving Image

8cp; availability: not offered to exchange and study abroad students Requisite(s): 57167 Moving Image OR 57094 Film and Video 1 These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

This subject extends and develops ideas, concepts and technical skills in the context of team-based media production workflows. Students further their understanding of the techniques and conceptual skills required for professional moving image production through a series of seminars, in-class and out-of-class exercises and practical workshops. These skills include film and digital cinematography, data wrangling, production design, directing, location sound recording and production management. Students are introduced to advanced moving image acquisition and hands-on exercises are designed to take students through the technical and conceptual issues involved in realising an idea through moving images. The subject stresses the importance of collaboration in professional media production and students learn skills that help them to be effective crew members and work as part of a creative team. The subject enables students to develop production skills as a basis for future media projects.

Typical availability

Autumn semester, City campus Spring semester, City campus

57173 Advanced Post Production

8cp; availability: not offered to exchange and study abroad students Requisite(s): 57167 Moving Image OR 57094 Film and Video 1 These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

This subject extends and develops ideas, issues, concepts and techniques around post-production, and the concept of the editor as creator of the story. Students further their understanding of these skills in the context of team-based media production workflows through a series of introductory seminars, in-class and out-of-class exercises, and practical workshops. These techniques and theories include non-linear editing, special effects, title design, sound design, data management, collaborative workflow, and a broad range of delivery formats including digital. The subject introduces students to advanced pre-visualisation and post-production techniques involved in various production formats. The subject stresses the importance of collaboration in professional media production and students learn skills that help them to collaborate with directors and producers, working as part of a creative team. The subject enables students to develop post-production skills as a basis for future media projects.

Typical availability

Spring semester, City campus

57175 Creative Producing

8cp; availability: not offered to exchange and study abroad students

This subject introduces students to the role and strategies of the creative producer in fields spanning animation, games, film and television, installation art, and cross-media works. Students examine the key issues and concerns of producers working in the creative industries in varying local, national and international contexts. Students are also introduced to key concepts and approaches to funding and finance; marketing and distribution; intellectual property and copyright; budgeting; collaboration; creativity; and sustaining a fruitful and viable creative practice. The subject also covers the pitching of short project proposals. Following a series of introductory in-class seminars and guest lectures, students complete a learning contract outlining their proposal for the remainder of the semester. Typically, this involves a case study and an in-class presentation about a working creative producer. It also involves a self-directed research assignment based on a media, art or industry matter identified by the student. These research findings are presented to the whole class and, where feasible, are also published or presented to other students and media, art or industry bodies.

Typical availability

Spring semester, City campus

57176 Directing

8cp; availability: not offered to exchange and study abroad students

The subject explores the role of the director, with an emphasis on narrative drama. The teaching and learning of the subject is delivered through a series of seminars, in-class and out-of-class exercises, and practical workshops that are designed to develop students' skills as directors. Through a focus on visual storytelling, mise-en-scène, performance and script analysis, the subject explores techniques to elicit performance and determine visual style and coverage relevant to a variety of filmed scenes.

Typical availability

Autumn semester, City campus

57177 Media Arts and Production Minor Project

8cp; availability: not offered to exchange and study abroad students

In this subject, students have the opportunity to develop their professional skills and creative expertise in media arts program making. Students may choose to develop their professional practice through undertaking specialised technical or production roles on other student projects and profiling this work through a resulting show reel or equivalent. For example, students may work as producer, cinematographer or sound designer on a film or video project. Students develop a learning contract that is approved by their allocated academic adviser.

Students may choose instead to complete a short original minor media project in film, video, television, online, sound, radio, performance and installation or multi-platform. The project must be feasible and be able to be completed within one semester. A drama project should

not exceed 7 minutes in length. The proposed minor project must be approved by the academic adviser. Students are required to submit critical documentation (approximately 1500 words) of their research, production development and production process to accompany the final project. This documentation should show evidence of the student's critical relationship to their media production practice.

Typical availability

Autumn semester, City campus Spring semester, City campus

57178 Digital and Multiplatform Storytelling

8cp; availability: not offered to exchange and study abroad students

This subject allows students to develop their conceptual and production skills in digital multiplatform production such as for online, mobile, social media, transmedia, locative, serious games, e-book, electronic publishing and other emerging media formats. Building on earlier knowledge, students explore a range of creative, technical and production issues concerning digital multiplatform content and project development. Students engage conceptually with multiplatform issues such as user experience, user interaction, multiplatform project scoping and digital treatment development. They expand their production skills through a series of technical workshops and by working in small teams to develop a multiplatform creative work, such as for transmedia, online, social media, locative, mobile, e-book or other outcomes. Where feasible, students are encouraged to work on the production of media projects produced in other postgraduate subjects in the Faculty of Arts and Social Sciences.

Typical availability

Spring semester, City campus

57179 Project Development and Creative Practice

8cp; availability: not offered to exchange and study abroad students

This subject develops advanced skills for the research and development of creative media projects. Students learn to take an idea through research to a form ready for production. In this subject students workshop scripts and develop skills in production design and planning. They also develop advanced skills in research and development in media arts through one of the following: by developing specialised knowledge of a particular technical or production area of the media industries; through research and writing a detailed treatment or script for a creative project intended to be taken into 57177 Media Arts and Production Minor Project, 57180 Media Arts and Production Major Project, or intended for production after the subject or through undertaking creative led research into an area of innovation that experiments with the interplay between media forms. The subject is taught by a combination of seminar and learning contract. Students are required to complete seminar assignments and present the progress of their research or development during the seminar. Students are required to work in a crew role on at least one project in production during the semester.

Typical availability

Spring semester, City campus

57180 Media Arts and Production Major Project

16cp; availability: not offered to exchange and study abroad students

In this subject students complete an original short project in film, video, television, online, sound, radio, performance and installation or multi-platform. The completed project should demonstrate the student's advanced professional skills and creative expertise. The project must be successfully completed during the semester, although it may have been developed and commenced during the Research and Development subject or equivalent Scriptwriting subject. It must be feasible to be produced within the resources available both through UTS and those provided by the student from outside UTS. The proposed project must be approved by the academic adviser. Students are required to submit critical documentation (approximately 3000 words) of their research, production development and production process to accompany the final project. This documentation should demonstrate the student's critical relationship to their media production practice. This subject differs from Media Arts and Production Minor Project in that it is expected that the completed project work is conceptually and creatively challenging. The production and/or post-production process should be considerably more demanding and the resulting project should show evidence of the student as a media arts program maker. The subject is conducted by individual or small group supervision.

Typical availability

Autumn semester, City campus Spring semester, City campus

57181 Recordkeeping Fundamentals

8cr

This subject provides an overview of the key concepts and practices in recordkeeping and the role of records and recordkeeping systems in an organisational and societal context. Students are introduced to theoretical frameworks of the record life cycle and the record continuum as well as the key components of a best practice recordkeeping system within the current Australian legal and regulatory environment. Key recordkeeping practices and tools such as functional classification, metadata schema, records retention and disposal, implementation methodologies and records management policies and processes are explored with reference to current best practice.

Typical availability

Autumn semester, City campus

57182 Rethinking Media

8cp; availability: not offered to exchange and study abroad students Requisite(s): 57023c Communicating with Publics AND 57022c Foundations of Communication

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

In this subject, students explore the roles and functioning of media in society and engage in critical thinking about media models from 'mass media' to 'social media' and social networks. They review major frameworks for understanding media including the First Media Age and Second Media Age, and examine key concepts from the various traditions of media studies focused on media ownership and control, media texts, media technologies, media effects, media audiences, and media practices. They investigate dysfunctions as well as functions of media, and contemporary shifts such as interactivity, convergence, and hybridisation, as they explore ways in which media are used in the public sphere, for cultural production, and for public communication by organisations. Students read about media, consume media, analyse media, and produce media as part of their learning, including engaging in online research and contributing to an online forum and blog.

Typical availability

Spring semester, City campus

57183 Soundtrack

8cp

This subject focuses on the design and composition of sound for moving image, radio and digital media. Emphasis is placed on location sound recording, track laying and mixing dialogue, effects and atmospheres for both synchronous and non-synchronous media, and critical listening. As a project, students undertake a collaborative work to develop a soundtrack from design to final mix. To facilitate this students are encouraged to work on the soundtrack of projects produced in other subjects of media arts and production, either from the undergraduate and postgraduate project subjects or an assignment as set by their lecturer.

57184 Documentary: Expanded, Mobile and Networked

8ср

This subject allows students to develop their conceptual and production skills in expanded forms of documentary involving social media, online, mobile and app formats. The subject will explore new modes of conceptualising, producing and distributing documentaries; covering online documentary, social media, mobile and locative projects and other relevant emerging technologies and formats. Building on earlier knowledge, students will explore a range of creative, technical and production issues concerning expanded online documentary production. They will develop production skills in new modes of storytelling, publishing and distribution that online, networked and app formats make possible.

57185 Journalism Major Project 1

8cp

Students commence plans to produce an original project that links professional practice and research in journalism. This is the first of a pair of major-project subjects. Students will scope their research and professional-practice project. Expert panels which consist of industry practitioners, HDR students and academics will assess and advise on project plans. The panels will review sources, consider production techniques and assist in story development.

57186 Journalism Major Project 2

8cp

Students produce an original project that links the professional practice of journalism with research relevant to that journalism. The project is designed to meet the professional and academic goals of the student. It can be produced in any media and draw on a wide range of journalism genres and formats. It builds on skills and knowledge that have been developed in both professional journalism and scholarly subjects undertaken in the degree.

57187 Specialist Journalism

8cr

This subject aims to flexibly develop analysis and/or advanced practices in professional journalism. It allows journalism students to critically engage in issues relevant at particular and appropriate points of time; generated by national or international events, political, social or economic developments, debates, data or document releases. Students work to deadlines, creating scholarly works and/or researching and reporting stories for journalism publications.

57188 Writing Project 1

8cp

This subject is designed for students who have substantial experience in writing and are ready to work independently. Working under the supervision of an appropriate member of staff, students devise, research, and draft a substantial (7,500 words or equivalent) work of creative writing, which will be completed to 15,000 words and polished to a high standard in Writing Project 2. The writing may be in any genre, depending on the viability of the project and the availability of academic advice. Students are encouraged in this subject to explore and extend, through reading and redrafting, the possibilities of their chosen form and genre. They are also encouraged to independently form their own writing groups in which to discuss their work.

57189 Writing Project 2

8ср

This subject is designed for students, having completed Writing Project 1, who have substantial experience in writing and are ready to work independently. Working under the supervision of an appropriate member of staff, students complete and polish their 15,000-word (or equivalent) creative project to a high standard (this 15,000 words includes the 7,500 words or equivalent undertaken in Writing Project 1, though these may be substantially rewritten, if desirable). The writing may be in any genre, depending on the viability of the project and the availability of an appropriate supervisor. Students are encouraged in this subject to explore and extend the possibilities of their chosen form and genre. They are also encouraged to independently form their own writing groups in which to discuss their work.

57190 Writing Seminar

8ср

This is an advanced subject for students in the Master of Arts in Creative Writing. It brings together graduate writing students from a number of areas to workshop their own and each others' creative work, provide and receive productive feedback on work-in-progress, and to explore aspects of contemporary writing practice and theory that are both directly related to and/or challenge their own practice. It also prepares students for independent professional practice as writers.

57989 Mise-en-Scene

8cp

Graduate subject - Media Arts and Production - 400 level

In this subject, students develop advanced skills in visual style. Students have the opportunity to examine mise-en-scène in a range of audio-visual screen works. They study in depth the interrelationship of elements which comprise a particular style and the way this contributes to genre. Through individual research, seminar presentations and production exercises, students develop skills in planning a visual and sound style for their film, video or new media work.

Typical availability

Autumn semester, City campus Spring semester, City campus

57994 Managing Organisational Communication

8cp; availability: not offered to exchange and study abroad students

In this subject students develop their understanding and capacities for working in an internal communication management role. They develop strategies for employee/member communication for an organisation and produce plans and budgets for their implementation. Students address the strategy by creating e-newsletters for internal organisational publics, demonstrating their writing and design skills and their understandings of internal issues identification and management.

Typical availability

Autumn semester, City campus

57995 Learning in Organisations

8cp; availability: not offered to exchange and study abroad students

This subject seeks to orientate students to current practices in organisational learning. It examines the various theories of organisational learning from the perspectives of the individual, organisational unit and whole organisation. The application of these theories to organisations in various sectors is critically examined and case studies of organisational learning are used to illustrate the impact of organisational learning on the long-term performance of the organisation. The future of organisational learning in the contexts of economic, social, demographic and technological change is also examined.

Typical availability

Spring semester, City campus

57996 Marketing and Corporate Communication

8cp; availability: not offered to exchange and study abroad students

In this subject students focus on integrative communication strategies that link stakeholders to an organisation. They examine the intersection of public relations and marketing. They research, design, plan and budget integrated communication strategies for clients in the commercial and not-for-profit sectors. Campaigns may include product promotion, social marketing or corporate identity and reputation.

Typical availability

Autumn semester, City campus

57997 Professional Communication Project

8cp; availability: not offered to exchange and study abroad students Requisite(s): 57022 Foundations of Communication AND 57023 Communicating with Publics AND 57028 Research for Communication Professionals

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

This subject allows students to pursue further studies in their area of professional and/or scholarly interest in the field of communication management. Students further develop their critical and analytical skills in communication management appropriate to working in consultancy and advanced management roles, extend and deepen their conceptual understandings of communication management, and develop competencies in research and theory building. The body of work undertaken may include an internship or critical production or a small independent research project and a reflective journal. The project enables students to link their professional work to the theories

and skills covered in modules undertaken during the subject. The reflective journal provides a framework for developing the ability to reflect critically on practice through the application of different models of reflection.

Typical availability

Autumn semester, City campus Spring semester, City campus

57999 Digital and Multiplatform Storytelling

6cp; availability: not offered to exchange and study abroad students

This subject allows students to develop their conceptual and production skills in digital multiplatform production such as for online, mobile, social media, transmedia, locative, serious games, e-book, electronic publishing and other emerging media formats. Building on earlier knowledge, students explore a range of creative, technical and production issues concerning digital multiplatform content and project development. Students engage conceptually with multiplatform issues such as user experience, user interaction, multiplatform project scoping and digital treatment development. They expand their production skills through a series of technical workshops and by working in small teams to develop a multiplatform creative work, such as for transmedia, online, social media, locative, mobile, e-book or other outcomes. Where feasible, students are encouraged to work on the production of media projects produced in other postgraduate subjects in the Faculty of Arts and Social Sciences.

Typical availability

Spring semester, City campus

58101 Understanding Communication

8ct

In this foundation subject students investigate the role of communication in society and the different ways in which communication is understood and practised interpersonally, socially, culturally and professionally. Students examine communication from the perspectives of writers, producers, journalists, creative artists, advertising and public relations practitioners, information managers, and from social, cultural and political perspectives. The interrelated roles of authors/producers, audiences, texts and contexts are explored through research, reading, projects and discussions. Students also gain practical experience through conducting interviews and presenting their findings in writing, photography and video, and in various online forms using digital media.

Typical availability

Autumn semester, City campus Spring semester, City campus

58102 Language and Discourse

8ср

This subject introduces three key communication concepts, develops a thematic study and teaches skills in the medium of sound. The concepts are Discourse, Genre and 'Multimodality'. Through multimodal analysis and practice, students understand communication as combinations of representations, cultural forms and specific communicative resources (verbal and non-verbal, visual and auditory, etc), assembling complex relations of thoughts and feelings. The thematic research explores the different ways in which important social and cultural issues are represented in a range of media. Students extend their learning by experimentation in multimodal writing in different genres, such as 'report', 'story', argument', 'appeal', etc, and they reach out for different audiences with sound practice. The subject equips students with the concepts and methods to reflect critically on their own experience of language phenomena through the issues systematically explored.

Typical availability

Autumn semester, City campus

First-year experience videos

View commentary from students and academics about this first-year subject at:

- Student video: www.youtube.com/user/utschannel#p/u/10/ T0BVfkCXrCE
- Academicvideo: www.youtube.com/user/utschannel#p/u/20/ PzDnAVZ9ISA

58103 Ideas in History

8ср

This subject engages students in critical examination, discussion and reflection on some of the key ideas and intellectual movements in world history and how these inform current social, cultural, economic and political thought and practice. In particular, it explores how ideas and worldviews frame and influence communication socially, culturally and politically. Students explore non-Western as well as Western ideas and viewpoints and ways of understanding human history including those ideas and intellectual traditions attached to the categories of the 'modern' and modernity, the 'post-modern' and post-modernity and 'tradition' – culture, custom and community. These are examined through various themes from multiple cultural perspectives and activities which include those based in museums and other sites where ideas and their histories are represented.

Typical availability

Autumn semester, City campus Spring semester, City campus

First-year experience videos

View commentary from students and academics about this first-year subject at:

- Student video: www.youtube.com/watch?v=fjA9bR12JRU
- Academic video: www.youtube.com/watch?v=RRGQWbUjOS0

58110 Introduction to Journalism

8ср

Students are introduced to principles of professional journalism and its theoretical and ethical dimensions. Students examine the practice of journalism in relation to its historical, economic, political and social contexts with a focus on the impact of the internet on contemporary news media practice. Students research and produce original news stories to deadline and build online ePortfolios. They are introduced to Newsday, the real-time UTS newsroom. Through a critical examination of the process of research and reporting, students develop the rigorous skills required for journalism in the public interest.

Typical availability

Autumn semester, City campus Spring semester, City campus

58111 Reporting with Sound and Image

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 58110 Introduction to Journalism

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

The use of sound and image in journalism professional practice is explored. Students develop their sound and video recording, interviewing, writing and editing skills to produce short news and current affairs reports for broadcast media. Students build an understanding of how changes in online media are impacting on audio/visual journalism. They critically analyse professional and ethical issues that arise in the context of broadcast journalism, including their own. The relationship between publishing formats and storytelling is explored. Students develop ideas and produce current affairs reports, drawing on a range of sources and build on basic news reportage, both in form and content. Students edit, package and publish reports on NewsDay.

Typical availability

Spring semester, City campus

58112 Reporting and Editing for Print and Online Journalism

8ср

Requisite(s): 58110 Introduction to Journalism

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject develops skills in research and reporting and introduces editing for online and print media. Students extend their abilities as reporters by developing more advanced research skills and interviewing and writing techniques appropriate for the production

of longer stories. Students are introduced to basic skills and strategies for the editing and publishing of stories for publication. They learn to shape stories for specific audiences by writing introductions, headlines, captions and adding links and other online elements. Students develop an appreciation of the importance of accuracy and clarity for publishing and consider ethical and legal implications that arise during the publishing process. Throughout the semester, students develop their ability to critically analyse contemporary news and current affairs practices in local and international contexts. They publish reflections on their own and others' journalism practice in their ePortfolios. Students research, write and edit stories to deadlines in a newsroom environment.

Typical availability

Spring semester, City campus

58113 Exploring Media Arts

8cp; availability: exchange and study abroad students with faculty approval

This subject explores creative media arts practices across moving image, audio and participatory forms. It introduces students to relevant media arts histories and contexts in addition to a range of technologies, media practices and production techniques. Each semester is based around a specific theme, such as time, speed, place or memory, which is explored through creative play. Working on creative exercises, students are introduced to core skills and understandings in media arts practice. They gain basic skills in synopsis writing, production planning, content gathering in image and sound, mixing and editing, safety issues, and collaborative work practices. Students publish and reflect on their creative practice online, a process which is continued in subjects throughout the major.

Typical availability

Autumn semester, City campus

58114 Fictions: Storytelling, Narrative and Drama

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 58113 Exploring Media Arts

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject is an exploration of narrative storytelling and drama in media. Students are introduced to narrative forms in media including concepts of structure, suspense and drama along with scriptwriting for narrative works. Student learning in this subject focuses on ways of working with the interplay between visual and aural style, and performance and narrative form across a variety of media. Assessment tasks include writing concept documents for media projects, group narrative exercises and online reflection and self and peer feedback.

Typical availability

Spring semester, City campus

58115 Composing the Real

8ср

Requisite(s): 58113 Exploring Media Arts

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject explores conceptual and production approaches to documentary media forms. Students are introduced to key documentary modes and examine and develop documentary projects involving a range of outcomes from photo essay to video and sound documentary to emerging online and interactive documentary projects. Activities include short documentary exercises across a range of media and the development of a short documentary treatment. Hybrid forms and boundary blurring such as reality TV, blogging and other cross-overs between fiction and non-fiction are also examined. Throughout the subject, students investigate the issues facing media producers seeking to work with the 'creative interpretation of reality'.

Typical availability

Spring semester, City campus

58116 The Ecology of Public Communication

8ср

Students explore the field of public communication and the major areas of practice. They gain an understanding of the role of communication in the public sphere, of audiences, environments and contexts of communication, including professional communication practices and issues around integration and convergence. Students learn how public communication, public relations and advertising are conceptualised and practised in various types of organisations and interest groups including organisational communication and marketing communication. They explore issues and controversies in the field such as social representations, agendas and advocacy. Students also begin to produce their own work in advertising, public relations and organisational communication including using new media.

Typical availability

Autumn semester, City campus Spring semester, City campus

58117 Principles of Public Relations

8ср

Requisite(s): 58116 The Ecology of Public Communication These requisites may not apply to students in certain courses. See

In this subject, students learn about theories, models and principles of contemporary public relations, tracing the historical evolution from technical function to strategic management. Major areas of employment such as media, community and stakeholder relations, public sector and internal communication are reviewed. Case studies and professional issues are used to analyse current practice, developing understanding of ethics and socially responsible practice. Students are introduced to writing and research skills essential for practice.

Typical availability

Autumn semester, City campus Spring semester, City campus

58118 Principles of Advertising

8ср

Requisite(s): 58116 The Ecology of Public Communication These requisites may not apply to students in certain courses. See access conditions.

Students are introduced to the principles and practice of advertising and its unique role in business and society. Creativity in advertising is examined through an exploration of the art and science of advertising and how these apparent contradictions influence principles and industry practice. Students learn how to develop and present a range of creative ideas appropriate to the various stages of effectively promoting a product, service or idea in sectors as diverse as public, private and not-for-profit.

Typical availability

Autumn semester, City campus Spring semester, City campus

58119 Text and Context

8ср

Students engage with a critical study of key modern concepts of writing, reading and contemporary culture. Issues central to the subject include the concept of representation, the nature of cultural texts, the theorisation of text and textuality within the post-modern and post-structuralist formation and the emergence of interactive forms of writing and their influence on writing. Critical study in the subject engages with theories of thinking and writing and recent and historical debate to do with what constitutes form, style and structure in both traditional and experimental formats. Students work creatively with a wide range of contemporary texts and explore different ways of writing. They write and read critically within the context of contemporary cultures and come to understand a wide range of traditional and non-traditional forms of writing.

Typical availability

Autumn semester, City campus

58120 Creativity and Culture

8cr

Requisite(s): 58119 Text and Context

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject prepares students with a reflective knowledge about contemporary directions and debates in current creative practice. Students research, design, write and publish a creative project in essay, non-fictional or fictional form. They analyse a range of different perspectives (philosophical, psychological, inspirational and practical) on the connection between creativity and invention and on generic forms of creative, essayistic, fictional and non-fictional writing. Theories of narrative and voice, relationships between identity, subject and the representation of the self in the creative text, as well as contemporary approaches to the essay and to experimental forms of critical discourse, are discussed throughout the subject. Students respond to these contexts in the creative work they complete during the semester.

Typical availability

Spring semester, City campus

58121 Fictional Forms

8ср

Requisite(s): 58119 Text and Context

These requisites may not apply to students in certain courses. See access conditions.

Students are brought into close contact with creative practice in both mainstream and emergent forms of fiction and narrative as they investigate the question 'what is fiction?'. The subject introduces a wide range of recent and modern forms of fiction writing as technical examples and thematic models. Throughout the semester students produce and collectively workshop their own writing in fiction or script. At the same time, critical debate within the class explores the limits and the possibilities of the contemporary text together with the functional operation of categories such as 'author', 'genre', 'narrative', 'performance', 'subjectivity', 'meaning', 'reading', 'writing' and 'text', including in relation to innovative formats such as hypertext or other electronic formats. Students are encouraged to choose within a wide range of fictional forms for their creative writing.

Typical availability

Spring semester, City campus

58122 Introduction to Social Inquiry

8cp

How do we understand the structure and changing nature of the social world? This subject provides an introduction to key ideas in social and political thought which enable the critical interpretation of social life. It focuses on concepts such as gender, race and social class, and explores how they can be applied to understand society and the life-paths of individual social actors. As a core activity of the subject, students undertake their own empirical biographic or 'life-story' analysis as a vehicle through which to begin to develop their social research skills and to concretely explore the ways the social structures explored shape the possibilities of individual agency.

Typical availability

Autumn semester, City campus

58123 Society, Economy and Globalisation

8cn

Requisite(s): 58122 Introduction to Social Inquiry These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

To understand the problems of global society and develop possible solutions, political power and the economic problems of wealth and poverty interact must be understood. This subject addresses global business, as a class formation, assesses its influence on policy making and interrogates free-market ideology. It looks at the way transnational corporations influence political institutions and governance, and considers alternative goals for social development, such as equity and sustainability. A snapshot of international trade is developed, with students focusing on a specific commodity, such as coffee, soy or uranium, to chart its passage through global society. These global value

chains are explored from sites of extraction to manufacture, retail, consumption and disposal. Social, political and ecological impacts are highlighted using quantitative and qualitative data drawn from internationally available data sets. Students use insights gained from these investigations to explore popular perceptions of globalisation and consumer culture, and of the globally traded commodities by which we are made interdependent. Throughout the subject, students consider the problem of measurement in the social sciences, and the way measurements and statistics are made and deployed as evidence in policy debates.

Typical availability

Spring semester, City campus

58124 Local Transformations

8cp

Requisite(s): 58122 Introduction to Social Inquiry
These requisites may not apply to students in certain courses.
There are also course requisites for this subject. See access conditions

The way we think about relationships between the individual, local community life and the wider social order is addressed in this subject through investigation of the intersections between time, place and agency. Students investigate issues such as how the historical legacies of locality are connected to present possibilities and future hopes, how localities are produced in relation to each other in cross-national and trans-local interactions, and how local capacity or agency is linked to local, national and transnational power hierarchies, whether in terms of dominance or marginality. This subject introduces students to survey research methods. Students engage a range of theoretical approaches and integrate them with survey methods, developing communication skills to present resulting insights.

Typical availability

Spring semester, City campus

58125 Creative Information Design

8cp

This subject introduces students to the principles of creative information design: audience analysis, contextual writing, colour, typography and layout. Students design, create the content and produce for selected clients useful information products in a range of digital and non-digital formats and media. The design process introduces students to creative problem-solving, collaborative work practices and the principles of usability and self-assessment. Students begin the development of their course-wide ePortfolio which contains examples of work such as specialised written texts, brochures, images and webpages.

Typical availability

Autumn semester, City campus

58126 Information Discovery and Analysis

8cp

Requisite(s): 58125 Creative Information Design These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions

Students are introduced to a range of techniques that enable them to conduct sophisticated searches and analysis in digital environments. Using case-based approaches and a real-life scenario, they learn to apply these skills to a particular problem. By analysing and reflecting upon approaches to the execution of searches as well as the significance of the content of information located through these searches, students develop an understanding of information systems and an appreciation of their strengths and current limitations. To develop an understanding of potential strategic uses of information, they learn how to analyse information to create compact syntheses that suit the needs of different audiences in different contexts. In a collaborative learning environment, students also critically examine themes associated with information practices in a digital world. Students continue to contribute to their course-wide ePortfolio.

Typical availability

Spring semester, City campus

58127 Information Cultures

8cp

Requisite(s): 58125 Creative Information Design These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

conditions.

Students are introduced to the conceptual and methodological tools they need to actively engage with the organisations and communities they will work with in the information, communication and creative industries. They develop a critical understanding of the complex interrelationship between people, information, knowledge and culture and of the central role of theory and research in effective professional practice. The subject introduces students to theories and empirical research from a range of disciplines including information behaviour, communication theory, philosophy and sociology, as well as to a range of research methodologies for exploring and analysing both individual and collective information / knowledge behaviour and practices. Students apply their theoretical and methodological learning to the development of a practice-based pilot research project. In doing so, students develop an appreciation of the importance of practice-based research as the basis for research-based professional practice. Students make further contributions to their ePortfolio.

Typical availability

Spring semester, City campus

58128 Strategic Public Relations

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 58117c Principles of Public Relations

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

This subject equips students with knowledge and practical skills in research, planning and budgeting for strategic communication campaigns. They learn to assess and develop strategy by identifying issues, publics and options for communication and relationship management. They develop their expertise in designing, writing and managing innovative, multimedia campaigns to address client and communication problems and opportunities. Students design and present a professional client pitch.

Typical availability

Spring semester, City campus

58129 Advertising Campaign Practice

8ср

Requisite(s): 58118c Principles of Advertising These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Students gain insight into the various agency disciplines and their contribution to campaign research and strategy, creation and production of ideas, media planning, and pitching as an agency team. Topics include the significance of strategic planning in campaign development, conceptual issues involved in the production of advertising ideas, and the development and selling of an integrated campaign to a client. Students engage in scriptwriting and the production of storyboards for broadcast media.

Typical availability

Spring semester, City campus

58201 Communication and Cultural Industries and Practices

8ср

Requisite(s): 58101 Understanding Communication OR 58102 Language and Discourse OR 58103 Ideas in History These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Looking back and forth between theory and practice (individually and collectively), this subject examines ways that media, information and communication figure in our everyday practices. It examines the development of the communication and cultural industries and practices with a particular focus on current practices and technologies of convergence, and on ways of theorising and understanding the

relationship between producers, texts and audiences. Students are introduced to practice and the roles of communication professionals in different contexts. The subject provides an overview of important historical and political developments within communication and cultural industries, critically interrogating how communication and information products are produced, in what organisational and economic contexts, and for what purposes. The Australian situation is placed in its international context and with reference to the changing roles of digital technologies, public and private sector production/distribution and the role of governments.

Typical availability

Autumn semester, City campus

58202 Regulating Communication: Law, Ethics, Politics

8cn

Requisite(s): 58101 Understanding Communication OR 58102 Language and Discourse OR 58103 Ideas in History These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Public, organisational and everyday communication practices are shaped through laws, policies and ethical codes. Investigating and comparing different regulatory approaches tells us much about our own assumptions about communication and its role in shaping our lives. Contests over law and ethics reflect underlying social, economic and political conflicts that shape political agendas and define public policy. The subject explores communication regulation in a range of Australian and international contexts and from historical and crosscultural perspectives. Students investigate how codes and laws relate to communication practices by selecting from a range of topics such as defamation, censorship, intellectual property, privacy, data protection, surveillance, racial vilification, whistle-blowing, confidentiality, freedom of information, and the role of inter-state organisations, such as the United Nations, and non-government organisations. Students develop their practical understanding of these topics through a simulation role-playing game based on a hypothetical scenario designed to raise regulatory issues of contemporary relevance.

Typical availability

Spring semester, City campus

58210 Storytelling, Narrative and Features

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 58110 Introduction to Journalism OR 58111 Reporting with Sound and Image OR 58112 Reporting and Editing for Print and Online Journalism

These requisites may not apply to students in certain courses. See access conditions.

This subject is designed to move students from news production to storytelling through longer form journalism, focusing on the production of features and other forms of non-fiction narrative in a range of media. Genres such as investigative and literary journalism are considered. The subject aims to give students an insight into a range of styles and their applications across the mediums and the implications for storytelling of convergence and interactivity including the 'packaging' of feature stories for online publication. An understanding of voice, story structure, interviewing technique, language and, where relevant, the use of visual images and sound are further developed in the context of students' own story production. Through a reflective approach, students develop a critical appreciation of the role played by narrative and language in media discourse and how this relates to the work of journalists.

Typical availability

Autumn semester, City campus

58211 Specialist Reporting, Audiences and Interactivity

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 58210 Storytelling, Narrative and Features These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject introduces specialist genres and 'rounds' in journalism. Students are introduced to investigative research techniques within specialist rounds such as environment, health, technology, arts, sports, law, media, business and politics. Students form reporting

and editing teams around specific rounds. By developing their own chosen round and monitoring how the round is covered by professional journalists they develop a critical understanding and ability to develop relationships with sources, produce interactive journalism for specific audiences and work in collaborative teams. Students build their own eportfolios and specialist reporting teams contribute to the UTS media hub by producing work using a range of media forms.

Typical availability

Spring semester, City campus

58212 Aesthetics

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 58114 Fictions: Storytelling, Narrative and Drama OR 58115 Composing the Real

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject explores how media arts aesthetics work through engaging the senses and emotions. It provides students the opportunity to develop the potential impact of a work through experimenting with form, composition, and poetics. The subject examines how aesthetics are both culturally determined and dynamic.

During the subject, students explore these ideas using techniques such as remixing and experimental approaches to composition and form. The resulting works may be cross-platform and cross-media, including installation works, time-based and interactive media, and sound art.

Typical availability

Autumn semester, City campus

58213 Research and Practice

8cp; availability: not offered to exchange and study abroad students Requisite(s): 58114 Fictions: Storytelling, Narrative and Drama OR 58115 Composing the Real

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Students have the opportunity to develop their creative practice and capacity for critical reflection through conceptualisation, research and writing. In this subject students develop a learning contract for their work and outcomes over the semester. The focus of student learning is the individual student's need for research and development towards their final project. The subject allows students to develop their final projects and/or to undertake research and targeted skill development towards that project. Students undertake skill and conceptual development in modules from a number of choices offered each semester. These modules have a practical and conceptual development focus where students in groups meet with a lecturer throughout the semester or in intensive mode.

Typical availability

Spring semester, City campus

58214 Media Writing and Production

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 58117 Principles of Public Relations OR 58128 Strategic Public Relations

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Students develop knowledge and practice in writing and producing materials such as media releases, feature articles, newsletters, brochures, speeches, profiles, websites and print, and online production. The requirements of different genre and styles of public communication writing are explored together with issues rhetoric and persuasion in public relations. Students enhance their skills in writing, design production and the application of these skills to the internet. Student work integrates theories and principles of effective public communication with technical skills in their fields of focus.

Typical availability

58216 Imagining the Real

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 58119 Text and Context OR 58121 Fictional Forms OR 58120 Creativity and Culture

These requisites may not apply to students in certain courses. See access conditions.

This subject focuses on the concept of the real. Students are asked to engage with the history, contexts, conventions and current debates centred on the notion of 'the real'. Students choose different approaches to these issues in terms of creative and theoretical perspectives. The subject aims to develop students' awareness of the wide possibilities and scope of non-fiction writing and enables them to produce an extended piece of non-fiction writing in a workshop environment. The laboratory acts as a context for researching how the notions of the real are associated with questions to do with society, culture and globalisation no less than to do with issues of subjectivity, the senses and corporeal knowledge. Each class acts as a space in which students test out received and experimental approaches to writing and thinking about the real. Truth telling, the use of fictional mode in non-fictional forms of writing, concepts of simulacrum, verisimilitude, revelation and authenticity, and the ethical contexts of documentation are key features of each class's work. Students are asked to nominate the area in which they intend to write and are assisted in researching and contextualising that area.

Typical availability

Autumn semester, City campus

58217 Experiments in Culture

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 58119 Text and Context OR 58121 Fictional Forms OR 58120 Creativity and Culture

These requisites may not apply to students in certain courses. See access conditions.

Students have the opportunity to study and write within one of the following forms: non-linear and interactive writing, poetry, critical and theoretical writing, or screenwriting for innovative film and image. This subject challenges students to create situations or events in which forms of culture are composed in such a way as to propel them into new situations, for instance to find new audiences. During the subject examples are given of how, in various other times and places, artistic and intellectual movements have gathered impetus and evolved as historical cultural forms. Students work in different workshops within these forms over the semester, sharing key readings and references. An emphasis is placed throughout the semester on original and innovative subject matter, on the capacity of the student to become familiar with and expert in the technical range of the chosen form of writing and to research its recent and longer term history.

Typical availability

Spring semester, City campus

58218 Ideology, Beliefs and Visions

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 58122 Introduction to Social Inquiry OR 58123 Society, Economy and Globalisation OR 58124 Local Transformations These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Social change produces ideas but ideas also produce or prevent social change. The ideologies we live under, the beliefs we may hold and the visions to which we aspire are rooted in our experiences but they also transcend them. The capacity to change society can hinge on this ability to inspire people to action. Students examine matters such as what produces beliefs and ideologies and how they are built into coherent worldviews through successive generations, the differences between religious cosmologies, political ideologies and visions and the ways they transform peoples' lives and the source of their potency and danger. They explore different types of ideas in the context of political ideologies, religious values and visions for a better society. Students develop and investigate a research question relevant to the role of ideas in social change, using participant observation and qualitative interviews to analyse ideational dynamics in real world contexts.

Typical availability

Autumn semester, City campus

58219 Social Change Communication

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 58122 Introduction to Social Inquiry OR 58123 Society, Economy and Globalisation OR 58124 Local Transformations These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Policy making takes place in the interaction between governments, communities, business and other interest groups at local, regional, national and international levels. Contending players deploy differing communication strategies to gain influence over the policy process and its outcomes. This subject engages with the processes of communication associated with the development, contestation, implementation and evaluation of social change strategies. It encompasses activities by movements, organisations and institutions such as international and local NGOs, national, state and local governments, political parties, action groups and various groups of mobilised citizens. Students develop critical and analytical perspectives drawing on relevant theory and learn to apply them through advocacy, policy development and communication practices. Students become practised in action research and communicative advocacy and through strategic application of digital resources and media.

Typical availability

Spring semester, City campus

58220 Designing for the Web

8cp; availability: exchange and study abroad students with faculty approval $% \left(1\right) =\left(1\right) \left(1\right$

Requisite(s): 58125 Creative Information Design OR 58127 Information Cultures OR 58126 Information Discovery and Analysis These requisites may not apply to students in certain courses. See access conditions.

This subject examines the conceptual and aesthetic aspects of designing for the web: creating content, writing for the web environment and designing website architecture including structuring and tagging content to enable browsing and searching, as well as developing basic skills in designing database-driven web sites and Web 2.0 technologies. Students, applying acquired web skills work both individually and in small groups to develop creative projects and exercises throughout the subject. Students also learn to critically evaluate website usability and accessibility and to reflect on issues of web-based communication. Students also make further contributions to their e-portfolio.

Typical availability

Autumn semester, City campus

58221 Social Informatics

8cp; availability: exchange and study abroad students with faculty approval $% \left(1\right) =\left(1\right) \left(1\right$

Requisite(s): 58125 Creative Information Design OR 58126 Information Discovery and Analysis OR 58127 Information Cultures These requisites may not apply to students in certain courses. See access conditions.

This subject critically examines the interplay between society and technologies. Students develop an advanced understanding of the key social issues associated with the design, uses and consequences of information and communication technologies that takes into account human interaction with technology in a range of institutional and cultural contexts of development and deployment. The subject builds on understandings of the interpretation and representation of knowledge; how particular knowledges are privileged and translated; and the relationship between issues of access and power. Students develop critical analysis skills required to understand the dynamic nature of relationships affecting the transfer and use of knowledge and information in emerging social and technological contexts.

Typical availability

Spring semester, City campus

58222 Global Politics from Above and Below

8ср

World order hierarchies pattern world politics. From above, dominant Northern states, militaries and corporations reproduce the status quo. From below, social movements, non-government organisations and Southern states seek alternative models for world order. Conflicts between dominant and subordinate forces shape central issues of world politics including issues of world peace, global poverty, environmental change, international migration and women's status. These and other issues are addressed in this subject, which aims to convey the dynamics driving change and transformation in global politics. Ways of understanding world politics from traditional international relations approaches to post-colonial and southern perspectives are evaluated against key issues and problems.

Typical availability

Autumn semester, City campus Spring semester, City campus

58223 Social Bodies

8ср

This subject unravels the body as the key site through which the reproduction of social structures and norms are secured and contested. The socio-biological matter of the body is interrogated, including an examination of habitual body competencies and feeling-states. The subject questions the 'geography closest in', setting in train a progressively broadening consideration of how body-formation is intimately linked to the formation of culture and states.

Typical availability

Autumn semester, City campus Spring semester, City campus

58224 Australian Pasts and Places

8cn

In this subject, students investigate the idea of 'Australia' through an exploration of the idea of place and the embodied pasts that become known to us through place. They study the ways in which landscape, country and spatial poetics have given rise to a particular way of imagining Australia through various disciplinary approaches. In this subject they question not just how does Australia 'appear' but how can we write the affective force of a placed Australia over time? They research ways in which ideas of belonging to country or attempting an embodied history challenge ideas of both place and the past as well as a unitary notion of 'Australia'.

Typical availability

Autumn semester, City campus Spring semester, City campus

58225 Introduction to Film Studies

8ср

This subject provides students with a comprehensive introduction to key movements and directors in the history of cinema, and key theories and debates that have defined film studies as a discipline. Through a detailed engagement with films from a diverse range of political, historical and national contexts, students develop the vocabulary and skills to think and write about film in an informed, critical and scholarly way.

Typical availability

Autumn semester, City campus Spring semester, City campus

58226 Media, Mediation, Power

8ср

This introduction to media studies examines significant debates about the social, political and psychological power and effects of modern (post-WWII) media: the press, radio, television, and the internet. The course investigates what constitutes a medium of communication and how this has changed through time. It considers how each medium uniquely mediates among key social agencies, the state, communities, and citizens. It investigates the questions: How

do people use media? How do the media use people? How are the media involved in social and historical change? Through the study of individual and converging media (including television, the press and the internet), students engage with the principal theoretical approaches to understanding media and mediation, technological determinism, and the increasingly active use of digital, converging media in students' own lives.

Typical availability

Autumn semester, City campus Spring semester, City campus

58227 Balancing World Views: Introduction to Aboriginal Cultures

8ср

This subject explores Indigenous and non-Indigenous peoples worldviews and draws upon a range of intellectual disciplines, Indigenous studies, history, anthropology, and sociology.

The aim of the subject is to establish a critical learning framework for appreciating different ways of knowing, being and doing as explored through a backdrop of colonial and current experiences in Australia and internationally. Indigenous and non-Indigenous worldview encounters provide opportunities to examine and comprehend these experiences.

Typical availability

Autumn semester, City campus Spring semester, City campus

58228 Climate Change: Politics and Ecology

8ср

With climate change the ecological crisis is visible as a global crisis. Worldwide, it is already exhausting nourishing landscapes, causing extinction of species and displacements of peoples. The possibility of catastrophic climate change is now on the international policy agenda. Low-income societies are in the immediate firingline, while global elites, about a fifth of the world's population (including most Australians), continue to reap the benefits of carbonintensive development. Such asymmetries raise profound issues of environmental ethics and justice. These foreground relations between species, between nature and livelihood, between generations, and between young and old, pose a fundamental challenge to notions of sustainable development. To find new possibilities and $transformations, this \, subject\, engages\, with\, climate\, politics, from\, global$ frameworks to local actions. Students analyse climate discourses from scientists, corporate executives, social activists and governments. They investigate key sites of climate politics, such as climate governance and emissions trading, adaptation to new climate conditions, climate action, and mobilisation for climate justice.

Typical availability

Autumn semester, City campus Spring semester, City campus

58229 Brand Advertising Strategies

8cp; availability: exchange and study abroad students with faculty approval $% \left(1\right) =\left(1\right) \left(1\right$

Requisite(s): 58118 Principles of Advertising OR 58129 Advertising Campaign Practice

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Students explore consumer relationships with brands, the factors driving change and the use of brand equity models in their management and advertising strategy. A practice-based approach to consumer research develops students' skills in using creative and experimental techniques to uncover ideas for brand advertising. Students present their recommendations for communication as an integrated campaign with creative work in two media/channels.

Typical availability

58230 Professional Advertising Practice

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 58118 Principles of Advertising OR 58129 Advertising Campaign Practice OR 58229 Brand Advertising Strategies These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Students examine the image of their chosen profession and the impact of social and industry perceptions on professional conduct within the advertising industry. Examining the relevant codes of conduct, legal, ethical and regulatory frameworks that govern and guide professional advertising practice, students identify the responsibilities affecting the professional pathway they plan to pursue, and assess their suitability for it. Topics include professional service firms, responsibilities to clients, career profiling, objectivity and independence, competence, public interest, integrity, confidentiality, reporting, and accountability.

Typical availability

Spring semester, City campus

58231 Organisational Communication

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 58117 Principles of Public Relations OR 58128 Strategic Public Relations OR 58214 Media Writing and Production These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Students develop their understanding of interpersonal, group and organisational communication. They develop knowledge of organisational culture and use metaphor as an analytical tool for understanding organisations and communicating with internal publics. Students apply organisational communication theory to a change scenario and develop communication strategies, including special events, issues management and internal communication.

Typical availability

Spring semester, City campus

58301 Communication Practice Project

8cp; availability: not offered to exchange and study abroad students Requisite(s): 58202 Regulating Communication: Law, Ethics, Politics There are also course requisites for this subject. See access conditions.

This is the capstone subject in the BA in Communication, designed to bring together knowledge and skills gained by students throughout their entire course. Students have the opportunity to work on projects that develop creative and innovative responses to communication and/or media issues and problems. Students work collaboratively in cross-program teams which may also work with external 'clients' or partners in projects. At the beginning of the semester, a contract for the project is negotiated between the student group and their 'client'. Students need to assess their progress and write critical reflections and evaluations on the projects and project processes. There may be opportunities for students to organise symposia or conferences to present these reflections. Course professional portfolios - in electronic and other media - are finalised.

Typical availability

Autumn semester, City campus Spring semester, City campus

58310 Media Hub

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 58210 Storytelling, Narrative and Features AND 58211 Specialist Reporting, Audiences and Interactivity

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject draws together the threads of all other subjects in the Journalism major in a final project that showcases students' skills in one or more mediums of their choice. This project includes both journalism production and critical reflection. It may include producing individual pieces of journalism, taking on individual editing and publishing roles in the UTS Media Hub or other UTS Journalism

publications, or designing and producing a pilot issue of new publications. To commence the subject students produce a critical reflection of their achievements so far and develop a plan for a final project, either individual or collaborative. Each student finalises their ePortfolio for presentation at a final seminar.

Typical availability

Autumn semester, City campus

58311 Media Arts Project

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 58212 Aesthetics OR 58213 Research and Practice These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

This subject flows from the development and research undertaken in the previous subject. Students develop and complete a small media arts project, e.g. sound, video, interactive media, installation or performance. They can consider a range of distribution modes for the project such as online, broadcast, theatrical or other hybrid models. Students may undertake this subject in a variety of ways: producing a short media work in either sound, video, interactive media, installation, performance or film with encouragement to explore the possibilities of convergent media; forming small collaborative associations and working as a team to produce a work of greater scope or complexity; or developing their skills in a specific production area or crew role and undertaking this role on several projects across the semester.

Typical availability

Autumn semester, City campus Spring semester, City campus

58312 Integrated Communication

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 58214 Media Writing and Production OR 58229 Brand Advertising Strategies OR 58230 Professional Advertising Practice OR 58231 Organisational Communication

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Students respond to a client brief to develop a communication strategy and produce a major piece of work. Projects can be tailored to students' particular fields of interest in advertising or public relations or one of their specific sub-disciplines such as social marketing, internal communication, community relations or media relations, or integrated campaigns. The industry collaboration gives students experience in working with clients and producing a major piece of communication.

Typical availability

Autumn semester, City campus

58313 Writing Laboratory

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 58216 Imagining the Real OR 58217 Experiments in Culture

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

This subject is a laboratory in thinking, writing, the senses and experiment. Students may compose in any medium they choose: fiction, non-fiction, screen-writing, graphic or multimedia, poetry, philosophical and ficto-critical writing or other innovative forms. The laboratory is an environment of experimental elements working towards the networking of concepts, senses and practices. The group's collaborative study offers a context in which students may choose to produce individual original works of an intellectual, creative or hybrid nature. A lecture series positions a series of core themes from cultural, critical and literary debate, stressing themes which address how we conceive contemporary experience in terms of the senses, media representations, the environment and in relation to key questions in critical, philosophical and art practice. Dissemination of student work is envisaged as a core part of the laboratory's creative study and students present their final work in a published, electronically published, screening, exhibition, seminar or performance context.

Typical availability

Autumn semester, City campus

58314 Social Inquiry Placement

8cp; availability: not offered to exchange and study abroad students Requisite(s): 40 credit points of completed study in MAJ09395 Social Inquiry major BAComm

These requisites may not apply to students in certain courses. See access conditions.

Social Inquiry works for social change at the nexus between research, advocacy, policy and communication. Accordingly, the subject culminates with the 'real life' challenges of a specific workplace or community-based placement designed to develop written and verbal communication skills and interpersonal relationships in a non-university setting. In this final-year subject students bring to bear the thematic insights, research capacities and communicative skills they have gained through the subject. It allows them to integrate and synthesise these abilities and, in the process, to produce a distinct and practical contribution for an external partner organisation. A discrete and manageable placement project is negotiated between the student, partner organisation and academic supervisor. Partner organisations range from state parliamentarians, government departments, commercial organisations and non-government civil society organiaations including indigenous, community and campaign groups. Placements are usually undertaken as individual projects, although there is scope for collaboration.

Typical availability

Autumn semester, City campus Spring semester, City campus

58315 Storing Objects and Artifacts

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 58220 Designing for the Web OR 58221 Social Informatics

These requisites may not apply to students in certain courses. See access conditions.

This subject examines theories, models and techniques for storing a wide range of text and non-text digital objects in many institutional contexts, including corporate, cultural and heritage environments. Students use international and national standards and unique solutions for describing digital objects and design web-enabled interfaces for effective retrieval and display of the stored content. The subject explores a range of digital storage issues, including preservation, curatorial processes and digital rights management and Web 2.0 issues such as user-created content and social tagging. Students also make further contributions to their ePortfolio.

Typical availability

Autumn semester, City campus

58316 Sex, Race and Empire

8cp

Requisite(s): 58222 Global Politics from Above and Below These requisites may not apply to students in certain courses. See access conditions

Making sense of today's globalised world means recognising the continuing impact of the flows of people, ideas and trades, as well as the conflicts, generated by colonial power relations. Decentring Europe, this subject focuses on the innovations of and challenges to colonialism in regions around the Indian and Pacific Oceans, linking Africa, the Middle East, South Asia, Australia, SE Asia, East Asia and the southern Pacific. In colonial politics, sexual relationships often demonstrated the entanglement of gender and race in the most $momentous \, conflicts \, over \, identity, \, labour, \, trade \, or \, borders. \, To \, explore$ these themes, students study in depth some of many perspectives: including those of colonised indigenous peoples; of invading 'settlers' moving to the countries of the colonised; of anti-colonial political and military struggles; and of diasporas, the populations dispersed by invasion, slavery, indentured labour and voluntary migration. Students deepen their knowledge of the political, economic, social and cultural processes of colonial expansion, imperialism and their links to contemporary global relations.

Typical availability

Spring semester, City campus

58317 Transnational Media

8cp

Requisite(s): 58222 Global Politics from Above and Below OR 58226 Media, Mediation, Power

These requisites may not apply to students in certain courses. See access conditions.

This subject discusses media practice in a globalising economy to question the effects of developments such as trade liberalisation, technological change and global war on the organisation and operation of media and the significance of such changes for understanding transnational communication. Students canvass the international communication and media history literature, critically engage with approaches to theorising international communication and global media practice, and explore the politics of both transnational media mega-corporations including advertising agencies and their counterpart, alternative, DIY and community-based media including the blogosphere. Students focus on the specific issues of electronic journalism and the possibility of a transnational public sphere of debate; internet advertising and the difficulties of creating viable business models in the online environment; and new forms of social networking and interaction found in virtual communities and the possibilities for new kinds of political and social engagements and media practices

Typical availability

Autumn semester, City campus

58318 Gender, Culture, Power

8ср

In this subject students undertake a rigorous and detailed analysis of the notions of sex, gender and sexuality in a wide variety of cultural and social contexts. Students examine in depth how social and political institutions function to regulate sex, gender and sexuality, how gender analysis helps us understand contemporary social and political issues, and how gender and sexual identities are embodied and performed in everyday life.

Typical availability

Spring semester, City campus

58319 Rights and Territories

8ср

'Rights' – human, cultural, social, economic and political – sit centre-stage in global and local debates about justice and power. 'Territories' – states and nations, sovereignty and authority – are the basis upon which 'rights' claims are generated and pursued. This subject interrogates the historical and contemporary development of 'rights' and examines, in particular, the ways in which 'territories' are organised and disorganised (institutionally and discursively) through the politics of these 'rights' claims. In doing this, students engage with ideas and fields of practice that traverse legal, political, economic and social theory and institutions.

Typical availability

Autumn semester, City campus

58320 Australian Fiction

8ср

Requisite(s): 58224 Australian Pasts and Places

These requisites may not apply to students in certain courses. See access conditions.

This subject combines the in-depth study of Australian literature with the practice of literature. It examines key tropes in Australian fiction over the past 100 years with particular emphasis on 'the city', 'the outback', and 'the road'. It also explores the ways in which indigenousness, diaspora, class and gender have influenced and continue to shape Australia's literary identity.

Typical availability

Spring semester, City campus

58321 Australian Film

8cp

Requisite(s): 58224 Australian Pasts and Places OR 58225

Introduction to Film Studies

These requisites may not apply to students in certain courses. See access conditions.

Students explore the imaginary in Australian film through the study of key moments in Australia's film history such as the revival of the Australian feature film industry in the 70s, the new wave of avant garde, documentary and feminist film practice in the 70s and 80s, and the latest wave of Indigenous and transnational filmmakers in the 90s through to the present. This subject follows on from Pasts and Places with its exploration of how we might know and therefore imagine Australia.

Typical availability

Autumn semester, City campus

58322 Screening the Past

801

Requisite(s): 58225 Introduction to Film Studies

These requisites may not apply to students in certain courses. See access conditions.

Through a detailed engagement with a broad range of different media (including film, video, television and new media) this subject explores the various channels through which we come to know, understand and engage with the past, memory and historical experience. Drawing on extensive scholarship in the field, students analyse how, and with what effects, certain texts from the historical blockbuster to experimental video confirm, challenge and/or complicate our understanding of the past and its relationship to the present.

Typical availability

Autumn semester, City campus

58323 Contemporary World Cinema

8cc

Requisite(s): 58225 Introduction to Film Studies

These requisites may not apply to students in certain courses. See access conditions.

This subject focuses on key developments in contemporary world cinema, with a particular emphasis on films that are innovative, challenging and/or experimental. Drawing closely on recent debates in film studies on the relationship between politics, aesthetics, affect and experience, students analyse and engage critically and creatively with an eclectic collection of contemporary films from a diverse range of national and cultural contexts.

Typical availability

Spring semester, City campus

58324 Investigating Media, Reflective Practices

8cp

Requisite(s): 58226 Media, Mediation, Power

These requisites may not apply to students in certain courses. See access conditions.

This subject explores key research traditions and methodologies through practical projects investigating diverse media and the people who use them. Students explore approaches including semiotic methods for analysing the meaning and significance of programs and formats (such as 'reality television'); objective and subjective approaches to audiences/consumers; how to study the ways people actively use various media in their daily lives ('ethnomethodology'); 'political economy' analyses of media industries; and self-reflective and critical approaches to understanding what it means to work as a media professional in contemporary Australian media industries. In this subject, students further develop their ability to report and present research findings using research communication techniques rather than conventional essays. It provides practical experience in formulating and investigating research questions, preparing students for successful Honours-level research, and building pathways to careers in the media and in media research.

Typical availability

Spring semester, City campus

58325 Audiences, Users, Publics, Communities

8ср

Requisite(s): 58226 Media, Mediation, Power

These requisites may not apply to students in certain courses. See access conditions.

This subject equips students to analyse changing concepts of the media audience and critically evaluate claims about the relationships between media and people individually and collectively. It explores magazines, newspapers, television and online and mobile media, their 'content' (such as programs, as information, as models for defining identity), the various ways they are used (such as memory supports, as agents of virtual travel, as archives, as networking tools), and considers how audiences as active 'readers' increasingly produce their own meanings from the resources the media provide. Students explore developments including 'virtual' communities, virtual publics and political online activism as examples of how audiences are evolving into dynamic meaning-makers and 'producers'. This subject provides an implicitly historical overview of changing theorisations of audiences. It gives students further experience in formulating and conducting their own research focused on people's actual relationships to diverse media.

Typical availability

Autumn semester, City campus

58326 Australian Aboriginal Politics and History

8cp

Requisite(s): 36 credit points of completed study in C10000-C10999 These requisites may not apply to students in certain courses. See access conditions

This subject focuses on the various ways Aboriginal people have sought to exercise power. This approach seeks to understand, through detailed case studies, the demands Aboriginal people have made since colonisation. In doing this students develop an understanding of the impact of colonisation/dispossession as it occurred at different times across NSW, the shifting and changing political rationalities and wider intellectual influences that shaped this process and how this in turn has shaped Aboriginal social, cultural, economic and political life. The subject is organised around studies of key moments in the NSW Aboriginal political rights movement/s and the changing government policy and administration of Aboriginal affairs.

Typical availability

Spring semester, City campus

58327 Indigenous Futures

8ср

Requisite(s): 36 credit points of completed study in C10000-C10999 These requisites may not apply to students in certain courses. See access conditions.

In this subject students learn the normative and legal bases for the protection of Indigenous rights. The objective is not only to understand the legal and political language of Indigenous rights with a view to engaging in the advocacy and debates that promote those rights but also to think critically about these ideas and institutions. Areas investigated include comparative studies of Australian and international cases such as cultural rights, land rights and native title rights and legislation, rights and institutions of self-government, Indigenous land use agreements and joint management strategies, and economic enterprise and social development frameworks and practices.

Typical availability

Spring semester, City campus

58328 The New Economy of Post-Nature

8cp

Requisite(s): 36 credit points of completed study in C10000-C10999 These requisites may not apply to students in certain courses. See access conditions.

The Western academy is organised around a fundamental distinction between nature and society, with nature defined as that which is independent of human action. What can this idea of nature mean in our Anthropocene era, when chemical and thermal pollution are universal, when human cells are cultured and can achieve immortality outside the body, when 'wilderness' exists only in legally designated protected areas, when evolution itself is driven by human caused extinctions, and the recombination and design of species to order in

commercial laboratories? Introducing key debates at the intersection of science and technology studies and environmental policy, this subject enables students to evaluate the vexed concept of 'sustainability' and the utopian prospect of a transformation from fossil-fuelled industrial modernity to a 'post-industrial' mode of production, sometimes called the 'knowledge-based bioeconomy'. Students undertake an informed critical analysis of the social, political, economic and ethical issues associated with the 'life industries' from the level of molecular biotechnology to global ecological management.

Typical availability

Spring semester, City campus

58329 Culture, Science and Nature

8cr

Requisite(s): 36 credit points of completed study in C10000-C10999 These requisites may not apply to students in certain courses. See access conditions.

The subject introduces students to the relationships between cultures and environments including theory and debates about the relationship between culture, science and nature. Drawing on cultural expressions from graphic art and imagery, film and music through to oral and literary forms, students consider how understandings of nature have been shaped by a range of cultures, including Australian Indigenous place making and perceptions of nature in religious or philosophical traditions. Students investigate changing understandings of 'nature', 'the environment' and related terms, from the early modern emergence of sciences challenging theological ideas of nature, to present articulations of a crisis of 'the biosphere' by environmentalists, challenging neoliberal economics. These changing conceptions of nature are considered in the light of cross-cultural comparison across Indigenous and non-Indigenous contemporary societies, inflected by class and gender, in order to analyse the ecological consequences of dominant ideas about nature.

Typical availability

Autumn semester, City campus

58723 Research Dissertation 1 (Communication)

24cp; availability: not offered to exchange and study abroad students For subject description, contact UTS: Communication.

58724 Research Dissertation 2 (Communication)

24cp

Requisite(s): 58723 Research Dissertation 1 (Communication) There are also course requisites for this subject. See access conditions

For subject description, contact UTS: Communication.

58900 Poetry

8cp; availability: not offered to exchange and study abroad students

This subject offers students the opportunity to develop skills in writing poetry. Students write extensively and read widely in a variety of genres of contemporary and modern poetry, with a special emphasis on the contemporary and the Australian context. As well as introducing aspects of traditional techniques in poetic composition, students will have an opportunity to explore their creative work across both literary and performance-based facets of writing. In the context of writing and workshopping, students enhance not only their creative skills as poets but also their critical ability to edit and revise their own work and that of other writers in the class.

Typical availability

Spring semester, City campus

58901 Screenwriting

8cp; availability: not offered to exchange and study abroad students

This subject is an introduction to both the theory and practice of writing for the screen. It focuses on storytelling for a visual medium with an emphasis on the creative process, imagination, character development and structure. The process of writing a short film, from initial concept to second draft, is explored through industry-accepted stages of development and formats and through workshopping. Students improve their ability to critically assess their own work and the work of their colleagues.

Typical availability

Autumn semester, City campus

58902 Writing Through Genre

8cp; availability: not offered to exchange and study abroad students

In this subject students engage with the conventions of genre, in both its broad and specific applications, building upon knowledge and skills gained in other subjects. Genre is the conceptual and structural heart of writing, either in traditional manifestations (romance, crime, fantasy) or as a blend of genres (verse narratives, literary mashups). Students study a range of genre writing forms, and produce and collectively workshop their own writing in a chosen genre, demonstrating both an understanding of the conventions of their genre as well as a willingness to challenge and extend it.

Typical availability

Spring semester, City campus

58999 Professional Internship

8cp; availability: not offered to exchange and study abroad students. Requisite(s): 40 credit points of completed study in MAJ10020 Journalism major BAComm OR 40 credit points of completed study in MAJ10021 Media Arts and Production major BAComm OR 40 credit points of completed study in MAJ10024 Public Communication major BAComm OR 40 credit points of completed study in MAJ10022 Writing and Cultural Studies major BAComm These requisites may not apply to students in certain courses. See access conditions.

Students develop a structured industry experience project in the area of their major study. This involves the negotiation of a learning contract to identify the outcomes of such experience and to design a detailed program of activities to achieve these outcomes. Supervision is provided to assist students in identifying the capabilities they need to develop and to provide support and advice during their industry involvement. Students are assisted to reflect on their learning from experience in the workplace in the context of their chosen field of study.

Typical availability

Autumn semester, City campus Spring semester, City campus

59302 Film and Popular Culture 1

6cp; availability: non-English-speaking background international, exchange or study abroad students who meet the requisite English proficiency score (IELTS: 5.0-6.0 overall with a writing score of 5.0; TOEFL: paper based: 510-550 overall with TWE of 3.0, internet based: 64-80 overall with a writing score of 17)

This is one of four subjects specifically designed for international students in the Australian Language and Culture program. This subject examines texts and genres from popular culture (e.g. film, television, new media and internet) in order to develop both English language proficiency and a critical approach to cultural phenomena. This subject aims to develop students' capacity to interpret and communicate in English about elements of English-speaking cultures.

Typical availability

Autumn semester, City campus

59303 Film and Popular Culture 2

6cp; availability: non-English-speaking background international, exchange or study abroad students who meet the requisite English proficiency score (IELTS: 5.0-6.0 overall with a writing score of 5.0; TOEFL: paper based: 510-550 overall with TWE of 3.0, internet based: 64-80 overall with a writing score of 17)

This subject is designed specifically for international students in the Australian Language and Culture program. It examines texts and genres from popular culture (e.g. film, television, the internet) in order to develop both English language proficiency and a critical approach to cultural phenomena. This subject aims to develop students' capacity to interpret and communicate in English about elements of English-speaking cultures.

59304 English for Academic Purposes 1

6cp; availability: non-English-speaking background international, exchange or study abroad students who meet the requisite English proficiency score (IELTS: 5.0-6.0 overall with a writing score of 5.0; TOEFL: paper based: 510-550 overall with TWE of 3.0, internet based: 64-80 overall with a writing score of 17)

This subject focuses on critical reading, essay writing, listening and speaking in academic contexts.

Typical availability

Autumn semester, City campus

59305 English for Academic Purposes 2

6cp; availability: non-English-speaking background international, exchange or study abroad students who meet the requisite English proficiency score (IELTS: 5.0-6.0 overall with a writing score of 5.0; TOEFL: paper based: 510-550 overall with TWE of 3.0, internet based: 64-80 overall with a writing score of 17)

This subject focuses on critical reading, essay writing, listening and speaking in academic contexts.

Typical availability

Spring semester, City campus

59306 Researching Australia 1

6cp; availability: non-English-speaking background international, exchange or study abroad students who meet the requisite English proficiency score (IELTS: 5.0-6.0 overall with a writing score of 5.0; TOEFL: paper based: 510-550 overall with TWE of 3.0, internet based: 64-80 overall with a writing score of 17)

In this subject, students are introduced to several aspects of Australian society and culture: the Indigenous experience; aspects of rural and urban Australia; the history of migration; the development of multiculturalism; social issues and current affairs. Students use interview techniques to investigate aspects of contemporary Australian society and present their research in both seminar and written form.

Typical availability

Autumn semester, City campus

59307 Researching Australia 2

6cp; availability: non-English-speaking background international, exchange or study abroad students who meet the requisite English proficiency score (IELTS: 5.0-6.0 overall with a writing score of 5.0; TOEFL: paper based: 510-550 overall with TWE of 3.0, internet based: 64-80 overall with a writing score of 17)

In this subject students are introduced to several aspects of Australian society and culture: the indigenous experience; aspects of rural and urban Australia; the history of migration; the development of multiculturalism; and social issues and current affairs. Students use interview techniques to investigate aspects of contemporary Australian society and present their research in both seminar and written form. Students are provided with the knowledge and skills to identify and understand the sociopolitical nature of cultural diversity and how this has developed in Australian society and its workplaces. The subject investigates and analyses practical applications of approaches to working with and managing cultural diversity.

Typical availability

Spring semester, City campus

59308 Australian Society and Culture 1

6cp; availability: non-English-speaking background international, exchange or study abroad students who meet the requisite English proficiency score (IELTS: 5.0-6.0 overall with a writing score of 5.0; TOEFL: paper based: 510-550 overall with TWE of 3.0, internet based: 64-80 overall with a writing score of 17)

This subject is designed for international students as part of a set of subjects in Australian language and culture. In these subjects, students are introduced to several aspects of Australian society and culture: the indigenous experience; aspects of rural and urban Australia; the history of migration; and the development of multiculturalism. Students explore these aspects through film, documentaries, literature, music, art, sport events, etc.

Typical availability

Autumn semester, City campus

59309 Australian Society and Culture 2

6cp; availability: non-English-speaking background international, exchange or study abroad students who meet the requisite English proficiency score (IELTS: 5.0-6.0 overall with a writing score of 5.0; TOEFL: paper based: 510-550 overall with TWE of 3.0, internet based: 64-80 overall with a writing score of 17)

This subject is designed specifically for international students in the Australian Language and Culture program. In this subject, students are introduced to several aspects of Australian society and culture: the indigenous experience; aspects of rural and urban Australia; the history of migration; and the development of multiculturalism. Students explore these aspects through film, documentaries, literature, music, art, and sporting events.

Typical availability

Spring semester, City campus

59330 Advertising Practice

6cp; availability: not offered to exchange and study abroad students Elective

Students are introduced to the principles and practice of advertising and its unique role in business and society. Creativity in advertising is examined through an exploration of the art and science of advertising and how these apparent contradictions influence principles and industry practice. Students learn how to develop and present a range of creative ideas appropriate to the various stages of effectively promoting a product, service or idea in sectors as diverse as public, private and not-for-profit.

Typical availability

Autumn semester, City campus

59333 Advertising Strategies

6cp; availability: not offered to exchange and study abroad students Requisite(s): 59330 Advertising Practice

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Elective

This subject advances students' knowledge and understanding of principles of strategic creativity in advertising practice. It develops students' ability to analyse creative approaches and address the debate on 'award' vs. 'strategic' creativity. Students gain an understanding of advertising agency disciplines and their contribution to campaign planning, production and pitching. Topics include the significance of strategic planning in campaign development, conceptual and production issues involved in radio and TV advertising, the evaluation of advertising effectiveness, and the development and selling of an integrated advertising idea. Students engage in scriptwriting and the production of storyboards for broadcast media and develop their concepts through to finished form using current digital technologies taught within the subject.

Typical availability

Spring semester, City campus

59343 Experiencing Australian Language and Culture

6cp; intensive: 3 week intensive (weekly on campus: 4hrs a day, 4 days per week; block: 2 x 2hr day blocks); availability: non-English-speaking background international, exchange or study abroad students who meet the requisite IELTS score Undergraduate

This is one of five subjects specifically for international students in the Australian Language and Culture program. This subject consists of two components: the in-class segment, and facilitated field trips to specific sites in order for students to develop a deeper understanding of Australian society and culture.

60101 Chemistry and Materials Science

6cp

This subject develops a solid science foundation for further materials and engineering-related studies and facilitates the working relationship between engineers, materials scientists and other scientists; an ability to identify and solve chemical and materials

problems; and an ability to relate properties of engineering materials to technical applications. Topics covered in this subject are: chemical bonding of materials and general chemistry, classification of materials, structure-property relationships, mechanical properties, heat treatment and strengthening mechanisms, ferrous and non-ferrous alloys, ceramics, polymers and composites, materials degradation, materials recycling and materials selection. Numerous applied examples are discussed. Laboratory work imparts practical skills and reinforces the underlying theories. This is an integral part of the subject along with tutorial workshops.

Typical availability

Autumn semester, City campus Spring semester, City campus

First-year experience videos

View commentary from students and academics about this first-year subject at:

- Student video: www.youtube.com/watch?v=c-J6EzO0ZuE
- Academic video: www.youtube.com/watch?v=1sxKMBFA-5o

60700 Undergraduate Project (Scientific Practice)

6cc

This subject is designed to enhance development of students' ability to undertake a professionally based scientific project. This subject can only be undertaken following prior negotiation on the part of the student with a full-time member of academic staff regarding supervision. Students contribute, in collaboration with their academic and, where relevant, industry supervisor, to the formulation of the project, including planning the work within an appropriate time scale. Students are responsible for appropriate analysis and critical evaluation of the data or information obtained and presentation of their findings in a formal written report.

Students should approach potential supervisors in the first instance. Before enrolment can be approved, the student and supervisor must provide the head of department with a short written project proposal, including assessment criteria and, where the project involves laboratory or field work, a completed risk assessment form. In addition, approval by the subject coordinator is required.

Typical availability

Autumn semester, City campus Spring semester, City campus Summer session, City campus

60701 Undergraduate Project (Research Internship)

6ср

This subject is recommended for students wishing to undertake a career in research. It offers the opportunity to complete a short supervised research project either in a research laboratory at the University or with an industry partner.

This subject can only be undertaken following prior negotiation on the part of the student with a full-time member of academic staff regarding supervision, and, where relevant, with an industry co-supervisor. Students should approach potential supervisors about project availability in the first instance. Before enrolment can be approved, the student and supervisor must provide the head of department with a short written project proposal, including assessment criteria and, where the project involves laboratory or field work, a completed risk assessment form. Normally, a weighted average mark of 75 per cent or more is required for approval to enrol in this subject.

Students contribute, in collaboration with their UTS supervisor and, where appropriate, their industry co-supervisor, to formulation of the scope of the research project, including planning of the research work within an appropriate time scale and establishment of effective channels of communication. They are responsible for carrying out the work productively and cooperatively, for appropriate and critical analysis of the data or information obtained, and are required to present their findings in a formal written report. They may also be required to present a seminar to other students, staff and industry partners.

Typical availability

Autumn semester, City campus Spring semester, City campus Summer session, City campus

60901 Advanced Communication Skills in Science

6ср

The aim of this subject is to provide incoming postgraduate science students with integrated academic language skills, in both written and oral communication, and text-based research skills. Students are encouraged to take a critical/analytical approach to the understanding of literature and to gain experience in written and spoken communications appropriate for different professional contexts.

In particular, the subject focuses on critical reading skills; effective paraphrasing and summarising; selecting, evaluating and using a variety of sources of information; citation and referencing of literature; developing written arguments; presenting seminars; text drafting and editing; and the preparation of various professional documents (journal articles and reviews, grants, technical reports etc.). Workplace communication and familiarity with media information skills are also addressed.

60902 The Scientific Method

6ср

The ability to apply experimental methods to a diverse range of scientific applications is an essential capability of all those pursuing a career in science. This subject provides students with a logical framework for conducting or assessing scientific research beginning with standard principles of designing a good experiment. Students gain an understanding of how hypotheses should be framed for testing, how to design appropriate data collection, how to determine if the sample size is adequate, and how to analyse the data collected. An introduction to the ideas of uncertainty and international guidelines relating to these, and consideration of ethical issues are also covered. This subject aims to impart a deep understanding of the concept of the scientific method which is invaluable for all students destined for a research, research management, research training or other science-oriented career.

60903 Project Management in Science

6ср

This is a foundation-level subject which provides: an overview of the terminology, tools, techniques and processes in project management; an understanding of project integrative process; the know-how to develop a project plan and implement and control a project; and an understanding of stakeholder management and organisational structures and their influences.

60904 Innovation, Entrepreneurship and Commercialisation

6cp

This subject covers topics that lead to an understanding of the basis for scientific innovation, commercialisation and entrepreneurship. It includes how to come up with new projects, develop a product and establish a start up company. In addition, the management of intellectual property is presented along with ways in which to pitch a new company or concept to investors, the media and the general public.

60905 Leadership and Teamwork in Science

6cr

This subject is an introduction to management in a science context. The particular areas focused on are the main ideas of leadership, issues of motivation, the influence of personality and the use of teamwork in the workplace. The management and motivation of staff, team work and team leadership, and strategic management are important competencies of managers in science-based enterprises. An important aspect of this subject is utilising case studies and student experience in leadership and teamwork to provide stimulus for discussion. This subject provides the essential knowledge and concepts in teamwork and leadership to facilitate skills development in these areas relevant to each student's career.

60906 Science in Practice

6ср

In this subject a major scientific breakthrough is studied in considerable detail in order to build an appreciation of the way in which science operates. The elucidation of the double-helical structure of DNA provides an ideal case study on which to base an in-depth investigation on scientific research. There is opportunity to consider the issues involved in collaborations: both the advantages and the pitfalls. It is also an outstanding case for considering how science

progresses: there were some blind alleys that dominated thinking for some time and may have delayed progress but flexible minds were able to work around the roadblocks. Overall the 'DNA story' is an excellent example of a major scientific breakthrough that had far-reaching consequences and came about because of a concerted campaign by many researchers working in a spirit of competition and friendly rivalry.

60907 Managing Science-based Enterprises

6cp

Cross-cultural management, career management of staff, management of research and development programs and projects, intellectual property management, management of creativity, and risk management are critical competencies of managers in science-based enterprises. This subject provides the essential knowledge and concepts to facilitate skill development that is appropriate for managers in science-based enterprises. Case studies of different organisational structures and cultures is discussed.

60908 Science and Industrialisation

6ср

The impact of science on economic growth and society is the major focus of this subject. Science has been intimately involved in the development and implementation of new technologies that have transformed the economics and lifestyles of citizens. The early adoption of new technology has often had a major impact on national and global economies. In this subject, there is an examination of several case studies that estimate the cost of a new development in terms of the background science that has been funded in order to establish a new product or process. The importance of mergers and acquisitions in certain industries, e.g. pharmaceuticals, are shown to be necessary to ensure a sufficient capital base for the huge investment in bringing new product to market. There are also case studies that show that development of new processes gave nations a considerable economic advantage for a time. A further issue is the legacy of old large-scale manufacturing processes that were environmentally damaging and the continuing impact that has on society.

60909 Professional Science Project

12cp

In this subject students undertake a short research investigation under the supervision of a member of academic staff. Students contribute, in collaboration with their UTS supervisor and, where appropriate, an industry or external co-supervisor, to formulating the scope of the research project, including planning the research work. The student is responsible for carrying out the work, including appropriate and critical analysis of the data or information obtained, and writing up their findings in a formal written report (7000–15,000 words approx.) which includes an introduction to the project, a description of the methods used, a presentation of the results obtained plus any analysis undertaken and a discussion of the results in the context of the relevant literature. They may also be required to present a seminar to other students, staff and industry or external partners.

Due to supervisory and infrastructure constraints, places in this subject are limited and it can only be undertaken with faculty approval. Students should approach their Program Adviser and potential supervisors about project availability in the first instance. A project proposal, written in consultation with, and signed by the proposed supervisor and countersigned by the Program Adviser must be sent to the Master of Science Course Director for formal approval. Where the project involves laboratory or fieldwork, a completed risk assessment form must also be provided with the approval request. Ethics approval is required for certain projects.

60910 Directed Study A

6ср

For subject description, contact UTS: Science.

60911 Directed Study B

6ср

For subject description, contact UTS: Science.

60986 PhD Thesis: Science

0cp

Information on this subject is available from UTS: Science.

60992 Managing Science and Scientists

12cp; block; availability: postgraduate students only

This subject provides the essential knowledge and concepts to facilitate skills development in the management of science-based activities in industry and research laboratories. There is a particular focus on the development of teamwork and leadership skills. There is also an opportunity to customise learning to take account of each student's current or proposed workplace environment. Students who have successfully completed the subject have the capability to develop their management skills to an advanced state. The subject covers areas such as motivation, project management, organisational behaviour, teamwork, leadership, career management and the management of risk.

Typical availability

Autumn semester, City campus Spring semester, City campus

65032 Forensic Science Research Project A

12cr

In this subject students undertake a short research investigation under the supervision of a member of academic staff. Students contribute, in collaboration with their UTS supervisor and, where appropriate, an industry or external co-supervisor, to formulating the scope of the research project, including planning the research work. The student is responsible for carrying out the work, including appropriate and critical analysis of the data or information obtained, and writing up their findings in a formal written report (7000–15,000 words approx.) which includes an introduction to the project, a description of the methods used, a presentation of the results obtained plus any analysis undertaken and a discussion of the results in the context of the relevant literature. They may also be required to present a seminar to other students, staff and industry or external partners.

Due to supervisory and infrastructure constraints, places in this subject are limited and it can only be undertaken with faculty approval. Students should approach their Program Adviser and potential supervisors about project availability in the first instance. A project proposal, written in consultation with, and signed by the proposed supervisor and countersigned by the Program Adviser must be sent to the Master of Science Course Director for formal approval. Where the project involves laboratory or fieldwork, a completed risk assessment form must also be provided with the approval request. Ethics approval is required for certain projects.

65033 Forensic Science Research Project

24cp

In this subject students undertake a semester-long research investigation under the supervision of a member of academic staff. Students contribute, in collaboration with their UTS supervisor and, where appropriate, an industry or external co-supervisor, to formulating the scope of the research project, including planning the research work. This project is equivalent in level to those undertaken by honours and research master's students. The student is responsible for carrying out the work, including appropriate and critical analysis of the data or information obtained, and writing up their findings in a formal written report (10,000–20,000 words approx.) which includes an introduction, which sets the project in the context of the literature, a description of the methods used, a presentation of the results obtained plus any analysis undertaken and a discussion of the results in the context of the relevant literature. They may also be required to present a seminar to other students, staff and industry or external partners.

Due to supervisory and infrastructure constraints, places in this subject are limited and it can only be undertaken with faculty approval. Students should approach their Program Adviser and potential supervisors about project availability in the first instance. A project proposal, written in consultation with, and signed by the proposed supervisor and countersigned by the Program Adviser must be sent to the Master of Science Course Director for formal approval. Where the project involves laboratory or fieldwork, a completed risk assessment form must also be provided with the approval request. Ethics approval is required for certain projects.

65034 Introduction to Forensic Science

6cp; 4hpw

This subject is designed to introduce forensic science as a coherent discipline to students with pre-existing scientific backgrounds. Crucial forensic science concepts, philosophies and principles are presented in their historic context, and their impact on modern forensic science

is emphasised. The various forensic science sub-disciplines are presented in a descriptive and logical manner. The subject intends to familiarise students with forensic science and also enhance the learning experience of other specialised forensic science subjects.

The subject covers, in the forensic context, the following areas: history, general definitions and concepts, sub-disciplines, methodology and methods, introduction to interpretation and Bayesian statistics, crime scene, trace typology, function of the expert, legal system, judicial admissibility and ethical considerations. Lectures are complemented by tutorials/workshops involving guest speakers.

65072 Forensic Science Research Project B

12cp

In this subject students undertake a short research investigation under the supervision of a member of academic staff. Students contribute, in collaboration with their UTS supervisor and, where appropriate, an industry or external co-supervisor, to formulating the scope of the research project, including planning the research work. The student is responsible for carrying out the work, including appropriate and critical analysis of the data or information obtained, and writing up their findings in a formal written report (7000–15,000 words approx.) which includes an introduction to the project, a description of the methods used, a presentation of the results obtained plus any analysis undertaken and a discussion of the results in the context of the relevant literature. They may also be required to present a seminar to other students, staff and industry or external partners.

Due to supervisory and infrastructure constraints, places in this subject are limited and it can only be undertaken with faculty approval. Students should approach their Program Adviser and potential supervisors about project availability in the first instance. A project proposal, written in consultation with, and signed by the proposed supervisor and countersigned by the Program Adviser must be sent to the Master of Science Course Director for formal approval. Where the project involves laboratory or fieldwork, a completed risk assessment form must also be provided with the approval request. Ethics approval is required for certain projects.

65111 Chemistry 1

6cp; 6hpw

The study of chemistry is central to an understanding of the world around us and is relevant to all other science areas, such as physics, biology, geology and the environment at the fundamental level. This subject is designed to develop a student's understanding of the basic principles of chemistry. Topics covered are an introduction to matter, chemical reactions, atomic structure, stoichiometry, the periodic table, intermolecular forces and crystal structures, molecular geometry, introductory carbon chemistry, thermochemistry, equilibrium, and acid-base equilibria.

The subject provides the requisite knowledge and skills for 65212 Chemistry 2.

Typical availability

Autumn semester, City campus Spring semester, City campus

First-year experience videos

View commentary from students and academics about this first-year subject at:

- Student video: www.youtube.com/watch?v=-mdqVYSrZYQ
- Academic video: www.youtube.com/watch?v=HrPbkuRV3Yk

65202 Organic Chemistry 1

6cp; 6hpw

Requisite(s): 65201 Chemistry 2C OR 65022 Chemistry 2A OR 65212 Chemistry 2

This subject introduces students to the reactions characteristic of the common families of carbon compounds, and explores the details and implications of the reaction mechanisms involved. A primary objective is for students to gain an appreciation of the relationship of molecular structure to reactivity across a wide range of functional groups.

Students have the opportunity to perform many of these reactions in the laboratory, and to evaluate critically the success of their experiments by analysis of their reaction products using gas chromatography and infra-red spectroscopy as well as mp, bp and refractive index measurements.

Typical availability

Autumn semester, City campus

65212 Chemistry 2

6cp; 6hpw

Requisite(s): 65111 Chemistry 1 OR 65101 Chemistry 1C OR 65012 Chemistry 1A

This subject builds on and develops further the material introduced in 65111 Chemistry 1. Physical chemistry topics include acidic and basic salts, acid-base titrations, buffers, solubility equilibria, complex ion equilibria; introduction to chemical thermodynamics, enthalpy of reactions, Hess's Law, entropy and Gibbs free energy; chemical kinetics; coordination chemistry; redox chemistry, electrode potentials, electrolysis, corrosion, Galvanic cells. Carbon chemistry topics include: structures and reactions of the common families of carbon compounds, alkanes, alkenes, alkynes, arenes, halogen compounds, alcohols, ethers, alkanals, alkanones, carboxylic acids, amines, amides, esters; stereochemistry, chirality and optical isomerism; biological molecules and biopolymers, amino acids, peptides, proteins, carbohydrates, nucleic acids.

Typical availability

Spring semester, City campus Summer session, City campus

65242 Principles of Forensic Science

6cp; 4hpw

This subject is designed to introduce the different disciplines, principles and concepts peculiar to forensic science. It covers, in the forensic context, the following areas: history, general definitions and concepts, sub-disciplines, methodology and methods, introduction to crime scene, trace typology, function of the expert, legal system, judicial admissibility, ethical considerations, and interpretation of forensic evidence. Lectures are complemented by tutorials/workshops involving guest speakers. This is a core subject for the forensic science courses and an elective for students in other related courses.

Typical availability

Spring semester, City campus

65306 Analytical Chemistry 1

6cp; 6hpw

Requisite(s): 65202 Organic Chemistry 1

Lecture, laboratory and tutorial components of this subject cover spectroscopic methods of analysis including mass spectrometry (MS) and infra-red (IR), ultraviolet-visible (UV-Vis) and nuclear magnetic resonance (NMR) spectroscopy; general chromatographic methods for separation; volumetric techniques including acid-base and complexometric titrations; and errors, calibration and statistical interpretation of analytical data.

Typical availability

Spring semester, City campus

65307 Physical Chemistry 1

6cp; 4.5hpw

Requisite(s): ((65022 Chemistry 2A OR 65201 Chemistry 2C OR 65212 Chemistry 2) AND 33190 Mathematical Modelling for Science)

This subject is designed to provide students with a working knowledge of chemical thermodynamics, optical spectroscopy, and chemical kinetics, which can then be applied to other subjects within the course. Students are introduced to fundamental concepts in these areas and learn how to apply their principles in problem-solving situations.

Typical availability

Autumn semester, City campus

65341 Forensic Imaging

6cp; 5hpw

Requisite(s): 65241 Principles of Forensic Science OR 65242 Principles of Forensic Science

This subject is specifically designed for forensic science students. It covers application of light theory in forensic science (absorption/reflection, UV, IR, diffusion, episcopic coaxial illumination, polarised light, photoluminescence, etc.), technical and forensic photography (use of large and medium format and single lens reflex cameras), image treatment, optical and electron microscopy, and comparison microscopy. Lectures are complemented by an extensive practical program given in the form of workshops.

Typical availability

Autumn semester, City campus (last offering in 2008)

65342 Crime Scene Investigation

6cp; 6hpw

Requisite(s): (65242 Principles of Forensic Science OR 65241 Principles of Forensic Science) AND (65212 Chemistry 2 OR 65201 Chemistry 2C OR 65022 Chemistry 2A)

These requisites may not apply to students in certain courses. See access conditions.

This subject provides a sound teaching in crime scene investigation. It is designed to introduce the different principles and concepts peculiar to a crime scene. It covers the following areas: aims of the crime and related investigation; preservation, recording and processing of a crime scene; preservation, search and collection of evidence; on-site screening tests; scene reconstruction; examples of scenes (break-entry, homicide, sexual assault, traffic and other accidents, fire, explosion, disaster); common types of evidence; ad-hoc forms and software assisting crime science investigation. Lectures are complemented by tutorials/workshops involving guest speakers.

Typical availability

Autumn semester, City campus

65409 Analytical Chemistry 2

6cp; 6hpw

Requisite(s): 65306 Analytical Chemistry 1

This subject includes topics such as separation techniques, gas chromatography and instrumentation. The subject also covers sample preparation and derivatisation, columns-packed and bonded phase, GC detectors and their application, HPLC: basic theory and instrumentation, normal and reversed phase columns, ion-pair chromatography and gel permeation chromatography, ion exchange resins and chromatography, method validation and quality assurance, electrophoresis: plate and capillary, laboratory automation: robotic techniques, auto samplers and post-column derivatisation methods.

Typical availability

Autumn semester, City campus

65410 Chemical Safety and Legislation

6cp; 3hpw

Requisite(s): 65201 Chemistry 2C OR 65022 Chemistry 2A OR 65212 Chemistry 2

This subject covers identification of laboratory hazards and prevention; roles of government organisations (Safe Work Australia, WorkCover, DECCW, NICNAS, and APVMA); toxic effects of chemicals (carcinogens, mutagens and teratogens, sensitisers); exposure to chemicals, local and systemic reactions, acute and chronic toxicity; classification of dangerous goods (ADG class code and class labels); flammability limits (flammable liquids and solids); fire safety and fire prevention; precautionary labels and material safety data sheets; conducting risk assessments; NSW Occupational Health and Safety Act and the Regulations; safe storage of chemicals; safe handling of corrosives, oxidisers and explosives; class 6 poisons (scheduling, NSW Poisons and Therapeutic Goods Act; compressed gases (classification, hazards, storage and safe handling); cryogens and safe handling; personal protective equipment (respiratory, eye, head and face, and hand protection); workplace atmospheric monitoring; waste (safe handling of chemical, biological, and microbiological waste).

Typical availability

Autumn semester, City campus

65411 Inorganic Chemistry 1

6cp; 4.5hpw

Requisite(s): 65201 Chemistry 2C OR 65022 Chemistry 2A OR 65212 Chemistry 2

This subject covers the following topics: transition metals - electron configurations and oxidation states; fundamentals of coordination chemistry; crystal field theory; spectral and magnetic properties of metal complexes; chelating agents and applications in analytical chemistry, industrial processes and medicine.

Typical availability

Spring semester, City campus

65412 Physical Evidence

6cp; 6hpw

Requisite(s): 65242 Principles of Forensic Science AND 65307 Physical Chemistry 1 AND 65306c Analytical Chemistry 1 AND 65342 Crime Scene Investigation

These requisites may not apply to students in certain courses. See access conditions.

This subject covers the nature, value and relevance of several types of physical evidence. It follows on from the prerequisite subject and covers the following topics: fingerprint detection and identification; miscellaneous individual traces, tooth marks, lip prints, nail marks, etc.; path marks, footwear impression, tyre impression, etc.; weapons including firearms, bullet/cartridge identification, gunshot residues, firing distance; motor vehicle globes and other light; and miscellaneous trace evidence, matches, cigarettes/tobacco, building and safe insulation materials cordage, buttons, wood, and other types of physical evidence. Lectures are complemented by a practical program involving mock cases.

Typical availability

Spring semester, City campus

65508 Organic Chemistry 2

6cp; 6hpw

Requisite(s): 65202 Organic Chemistry 1

The subject builds on previous studies of functional group reactions and spectroscopic techniques and illustrates applications of these concepts for organic synthesis. Topics covered include aromaticity and chemistry of benzene and heterocyclic compounds; carbanion chemistry and multi-step synthesis of new aromatic compounds; chemistry of phenols and aryl halides; palladium-catalysed coupling reactions and modern synthetic methods used in academia and industry; molecular orbital theory, pericyclic reactions and 1,3-dipolar [2+3] cycloadditions. The subject also emphasises the practical applications of organic chemistry in the synthesis of many important compounds.

In the laboratory, students have the opportunity to perform multi-step reactions to synthesise bioactive molecule and natural products as well as carrying out other useful synthetic transformations.

Typical availability

Spring semester, City campus

65509 Inorganic Chemistry 2

6cp; 4.5hpw

Requisite(s): 65411 Inorganic Chemistry 1

Structures of crystalline and non-crystalline inorganic solids: crystallography and X-ray diffraction and fluorescence. Bioinorganic chemistry including metalloproteins and biominerals. Solid-state inorganic chemistry including applications of Crystal Field Theory to advanced structures. Synthetic biomaterials. Sol-gel science.

Typical availability

Autumn semester, City campus

65544 Chemical Criminalistics

6cp; 6hpw

Requisite(s): 65412 Physical Evidence AND 65409c Analytical Chemistry 2

These requisites may not apply to students in certain courses. See access conditions.

This subject complements the material covered in 65412 Physical Evidence by presenting evidence types that require a high level of analytical skills. It covers forensic analysis of glass, soil, paint, fibres, hairs and documents. Lectures are complemented by an extensive practical program involving mock cases. At the end of this subject, students should be able to select appropriate analytical procedures, analyse, interpret and write an expert witness report describing the forensic analysis of the material covered in this subject and its prerequisite subjects.

Typical availability

65545 Forensic Toxicology

6cp; 6hpw

Requisite(s): 65508 Organic Chemistry 2 AND 65409c Analytical Chemistry 2

These requisites may not apply to students in certain courses. See access conditions.

This subject examines the underpinning science of drugs and poisons relevant to matters that arise in judicial proceedings – that is forensic toxicology. The lecture component covers general pharmacology and toxicology. Topics covered include mechanisms of action, the absorption, distribution metabolism and elimination of drugs and poisons from the body as well as the signs and symptoms associated with the use of common drugs and poisons. The subject also provides an overview of state and federal laws relevant to licit and illicit drugs and poisons. The practical component is designed to reinforce topics covered in lectures and seeks to give student experience in solving problems associated with the analysis of a wide range of matrics including human tissues and various biological fluids. The subject also includes workshops and tutorials on the interpretation of the meaning of analytical results.

Typical availability

Autumn semester, City campus

65606 Analytical Chemistry 3

6cp; 6hpw

Requisite(s): 65409 Analytical Chemistry 2

This subject covers lecture topics such as: method validation, chemometrics (including principal component analysis and artificial neural networks), experimental design; advanced analytical techniques including Raman spectroscopy, X-ray diffraction, X-ray fluorescence and microfluidics; and guest lectures from industry including Agilent Technologies, Waters Chromatography, National Association of Testing Authorities (NATA) and the Royal Australian Chemical Institute (RACI).

The practical component requires students to develop, validate and apply an analytical method to a given sample using a variety of techniques including High Performance Liquid Chromatography (HPLC), Gas Chromatography (GC), Capillary Electrophoresis (CE), Nuclear Resonance Spectroscopy (NMR) and Inductively Coupled Plasma-Mass Spectrometry (ICP-MS).

Typical availability

Spring semester, City campus

65607 Physical Chemistry 2

6cp; 4.5hpw

Requisite(s): 65307 Physical Chemistry 1

The subject builds on 65307 Physical Chemistry 1, exploring more advanced topics in chemical kinetics, electrochemistry, and spectroscopy. The principles of infra red and Raman spectroscopic instrumentation are included, along with the application of these techniques to chemical imaging.

Typical availability

Spring semester, City campus

65621 Environmental Chemistry

6cp; 6hpw

Requisite(s): 65201 Chemistry 2C OR 65022 Chemistry 2A OR 65212 Chemistry 2

This subject focuses on the importance of chemical changes in the natural environment, and those resulting from human activity. Chemical changes are examined for both inorganic matter (soil clays) and organic matter (plant materials), having as their end products humic substances, petroleum, and coal. Particular emphasis is placed on changes in organic molecular structure. Important pollutants including halogenated hydrocarbons, and the oxides of nitrogen, sulphur and carbon are discussed, in the contexts of their origins and their effects on the geosphere, hydrosphere and biosphere.

Typical availability

Spring semester, City campus

65643 Chemistry and Pharmacology of Recreational Drugs

6cp; 6hpw

Requisite(s): 65545 Forensic Toxicology

These requisites may not apply to students in certain courses. See access conditions.

This subject provides greater detail on the chemistry, pharmacology and societal context of a number of substances covered in 65545 Forensic Toxicology. The focus of the subject is those substances used for recreational purposes, that is stimulants, depressants, hallucinogens and mixed effect drugs (e.g. opiates, solvents, amphetamines, alcohol and nicotine). Other topics covered include routes of synthesis; profiling of drugs to determine the method of manufacture and / or geographical origin; construction and operation of clandestine laboratories; sampling and analysis protocols; examination of relevant state and federal legislation regarding the possession, supply, manufacture and importation of certain drugs; the use of drugs in sport; the 'war on drugs'; case studies and social issues relating to the recreational use of drugs. The laboratory component includes experiments in natural product chemistry and two cognate syntheses based on procedures carried out in clandestine laboratories, as well as workshops and tutorials on the elucidation of the structure and purity of an unknown substance and those synthesised during practical sessions.

Typical availability

Spring semester, City campus

65644 Fire and Explosion Investigation

6cp

Requisite(s): 65544 Chemical Criminalistics AND 65606c Analytical Chemistry 3

These requisites may not apply to students in certain courses. See access conditions.

This subject seeks to show how a systematic scientific examination of a fire or explosion scene can lead to the establishment of its origin and cause. It covers the following topics: general definitions; fire insurance and crime statistics; combustion process, external and internal scene examination, fire origin and cause determination; physical properties of materials, gases, aerosols; spontaneous combustion; kitchen fires, cigarettes, heaters, motor vehicle fires, electric appliances, analysis of accelerants and explosives; and sniffers and canines.

Typical availability

Spring semester, City campus

65743 Complex Forensic Cases (Chemistry)

6cp; 6hpw

Requisite(s): ((65412 Physical Evidence AND 65544 Chemical Criminalistics) OR 65864c Honours (Forensic Science) 1)

These requisites may not apply to students in certain courses. See access conditions.

This subject is designed as an advanced practical course where the students apply techniques and principles gained in previous forensic subjects to the analysis of mock cases. It aims to familiarise the students with the management of a complex forensic case involving more than one type of evidence. It involves forensic analysis of material previously studied, preparation of expert witness reports and preparation for presenting evidence in a court environment.

Typical availability

Autumn semester, City campus

65861 Honours (Chemistry) 1

24cp

Study in this subject is designed to enhance the skills and knowledge necessary for research in chemistry. The principal activity is an individual research project in which the student, under supervision, plans and undertakes investigations in an area of interest. The data collected is then subjected to analysis and interpretation under the guidance of the supervisor. Students learn to define objectives and aims, work to available time and resources, use appropriate research methods, critically assess information and develop complex arguments in detail. The findings of the research project are presented in a structured and integrated thesis. which comprises the main assessment component.

Typical availability

65862 Honours (Chemistry) 2

24cp

Requisite(s): 65861 Honours (Chemistry) 1

For subject description, refer to 65861 Honours (Chemistry) 1.

Typical availability

Spring semester, City campus

65863 Expert Evidence Presentation

6cp; 6hpw

Requisite(s): 65865c Honours (Forensic Science) 2

These requisites may not apply to students in certain courses. See access conditions.

This subject deals with the legal issues involving forensic science in the field and the impact of scientific evidence on the legal system. Students receive some training in the preparation of reports and in the presentation of evidence in court and participate in a mock trial at the end of the subject in order to consolidate these skills (the mock trial is not assessable). This subject is studied under the following broad topic areas: introduction to the Australian legal system, criminal law, tort law, Crimes (Forensic Procedures) Act 2000 (NSW), evidence, Uniform Civil Procedure Rules 2005 (NSW), the role of the expert, advocacy and coronial law. This subject aims to provide an understanding of:

- · the legal and practical issues of forensic science
- · the impact of forensic science on the legal system, and
- the traditional and emerging admissibility standards involving forensic science evidence.

In addition the subject consolidates crucial communication skills.

Typical availability

Spring semester, City campus

65864 Honours (Forensic Science) 1

18ср

A research project on specific aspects of forensic science is conducted under the supervision of a member of the academic staff of the University. Some projects are conducted externally in conjunction with an external co-supervisor. This subject is designed to enhance the skills and knowledge necessary for research in forensic science. The principal activity is an individual research project in which the student, under supervision, plans and undertakes investigations in an area of interest. The data collected is then subjected to analysis and interpretation under the guidance of the supervisor. Students learn to define objectives and aims, work to available time and resources, use appropriate research methods, critically assess information and develop complex arguments in detail. The findings of the research project are presented in a structured and integrated thesis which comprises the main assessment component.

Typical availability

Autumn semester, City campus

65865 Honours (Forensic Science) 2

18cp

This subject is the second component of a program designed to enhance the skills and knowledge necessary for research in forensic science. The principal activity is an individual research project in which the student, under supervision, plans and undertakes investigations in an area of interest. The data collected is then subjected to analysis and interpretation under the guidance of the supervisor. Students learn to define objectives and aims, work to available time and resources, use appropriate research methods, critically assess information and develop complex arguments in detail. The findings of the research project are presented in a structured and integrated thesis which comprises the main assessment component.

Typical availability

Spring semester, City campus

66036 Identifying Groundwater Dependent Ecosystems

6cp; distance

Requisite(s): 91154 Ecology AND 91270 Plant Physiology and Ecophysiology

These requisites may not apply to students in certain courses. See access conditions.

This subject is designed to provide students with the knowledge required to identify groundwater dependent ecosystems in situ. A brief overview of the various major ecosystems in Australia is given, including their defining features (structure, composition and climate envelope). Sources of water (rainwater, soil water, groundwater, fog, riparian water), patterns of water use (daily and seasonal), and the various methodologies available to measure ecosystem water use and the source(s) of water used by ecosystems are discussed. Factors that influence ecosystem water use (including climate, vegetation cover and water availability), are reviewed, as are definitions of ecosystem dependency on groundwater. While emphasis is given to terrestrial systems, some discussion of aquatic and cave ecosystems is made, where appropriate. Students must attend a three-day field-based workshop or show equivalent knowledge or skills.

Typical availability

Autumn semester, City campus

66513 Marine Geosciences

6cp

Requisite(s): 91107 The Biosphere

These requisites may not apply to students in certain courses. See access conditions.

This elective subject is suitable for any student undertaking study in the environmental sciences. It deals with the structure and morphology of ocean basins and their margins, including their origin and evolutionary history. Physical and chemical processes operating in the oceans and their interaction with the atmosphere and climate systems are examined. The nature and origin of seafloor sediments and the history of ocean and climate change are covered in detail, including the relationships between continental drift, ocean currents and climate variation. In particular the role of tertiary and quaternary ocean sediments in an understanding of climate and environmental change are assessed as part of an overall examination of the evidence for climate and climate change throughout geological history. The subject then examines in more detail quaternary allocyclic factors that influence earth systems and their consequences. The subject $covers\,milankovitch\,cycles, ice\,ages, eustatic\,fluctuations\,and\,climate$ change: recordings of these in earth systems, and the consequences of these and other major influences on the geosphere-biosphere; and greenhouse concepts and their relationship and responses to natural and anthropogenic input. As part of the subject, an examination of relevant methods of determining age, collecting and analysing field data and the application of modelling techniques are dealt with.

Typical availability

Autumn semester, City campus

67305 Polymer Science

6cp; 6hpw

Requisite(s): 65212 Chemistry 2 OR 65201 Chemistry 2C OR 67101 Introduction to Materials OR 60101 Chemistry and Materials Science OR 65022 Chemistry 2A OR 68070 Introduction to Materials

This subject provides an introduction to the chemistry and physics of polymers and includes comprehensive coverage of the structures, polymerisation mechanisms and characterisation techniques of polymers. Practical classes provide experience with relevant techniques and complement the theory presented in lectures. The applications of polymers are also addressed. This subject gives students a solid grounding in the field of polymers and the practical foundation for work in the polymer industry.

Typical availability

67509 Molecular Nanotechnology

6cp; 6hpw

Requisite(s): 65212 Chemistry 2 OR 65201 Chemistry 2C OR 65022 Chemistry 2A

These requisites may not apply to students in certain courses. See access conditions.

The subject focuses on the chemical basis of nanotechnology and the atomic and molecular interaction of small and large molecules, and how these forces can be used to assemble molecular devices. The preparation, characterisation and uses of molecular devices are discussed. Existing molecular devices, such as liquid crystals and biological and synthetic ion-channels are also discussed.

Typical availability

Autumn semester, City campus

67510 Surface Processes

6cp; 6hpw

Requisite(s): 65307 Physical Chemistry 1

This subject is based on the chemistry of surfaces and interfaces and covers such topics as surface thermodynamics yielding concepts of surface energy and tension, adsorption isotherms, surfactants and micelles, wetting spreading and surface energy of solids and liquids and colloidal (or nanoparticulate) systems. The subject uses concepts introduced in 65212 Chemistry 2 and 65307 Physical Chemistry 1 to aid the development of models for the understanding of the observed properties of interfaces. The emphasis on the chemistry of interfaces is important in providing an underpinning of the development of nanoscale systems.

Typical availability

Spring semester, City campus

68001 Advanced Physics

6cp; 3-4hpw

The aim of this coursework subject is to enhance students' understandings of physical principles and build the capacity to engage at an advanced level in several areas of contemporary significance in physics. The subject develops the theoretical background for experimental techniques such as x-ray and neutron diffraction and advanced electron microscopy and develops student skills in computational science applied to physical systems.

Typical availability

Autumn semester, City campus

68002 Advanced Nanomaterials

6cp; 3-4hpw

The aim of this coursework subject is to develop students' awareness and competency in the specific components of nanoscience and nanotechnology relevant to material-related research. It combines topics in nanostructures and nanomaterials with the necessary foundations that underlie the nanoscience and technology of materials. The subject covers topics selected from: nanomaterials synthesis and characterisation, advanced spectroscopic techniques, surface science, optical characterisation and modelling techniques, technology transfer from the laboratory to the industrial world.

Typical availability

Spring semester, City campus

68003 Nanotechnology Honours Research 1

18cı

Study in this subject is designed to enhance the skills and knowledge necessary for research in nanoscience and nanotechnology. The principal activity is an individual research project in which the student, under supervision, plans and undertakes investigations in an area of nanotechnology or nanoscience of interest. Typically, the data collected are then subjected to analysis and interpretation under the guidance of the supervisor. Students learn to define objectives and aims, work to available time and resources, use appropriate research methods, critically assess information and develop complex arguments in detail. The two Nanotechnology Honours Research subjects, one taken in each semester, combine to form a single, continuous research project. The findings of the research project are presented in a structured and integrated thesis, which comprises the main assessment component.

Typical availability

Autumn semester, City campus

68004 Nanotechnology Honours Research 2

18cr

Study in this subject is designed to enhance the skills and knowledge necessary for research in nanoscience and nanotechnology. The principal activity is an individual research project in which the student, under supervision, plans and undertakes investigations in an area of nanotechnology or nanoscience of interest. Typically, the data collected are then subjected to analysis and interpretation under the guidance of the supervisor. Students learn to define objectives and aims, work to available time and resources, use appropriate research methods, critically assess information and develop complex arguments in detail. The two Nanotechnology Honours Research subjects, one taken in each semester, combine to form a single, continuous research project. The findings of the research project are presented in a structured and integrated thesis, which comprises the main assessment component.

Typical availability

Spring semester, City campus

68005 Physics Honours Research 1

18cr

Study in this subject is designed to enhance the skills and knowledge necessary for research in applied physics. The principal activity is an individual research project in which the student, under supervision, plans and undertakes investigations in an area of applied physics of interest. Typically, data collected are then subjected to analysis and interpretation under the guidance of the supervisor. Students learn to define objectives and aims, work to available time and resources, use appropriate research methods, critically assess information and develop complex arguments in detail. The two Physics Honours Research subjects, one taken in each semester, combine to form a single, continuous research project. The findings of the research project are presented in a structured and integrated thesis, which comprises the main assessment component.

Typical availability

Autumn semester, City campus

68006 Physics Honours Research 2

18cp

Study in this subject is designed to enhance the skills and knowledge necessary for research in applied physics. The principal activity is an individual research project in which the student, under supervision, plans and undertakes investigations in an area of applied physics of interest. Typically, the data collected are then subjected to analysis and interpretation under the guidance of the supervisor. Students learn to define objectives and aims, work to available time and resources, use appropriate research methods, critically assess information and develop complex arguments in detail. The two Physics Honours Research subjects, one taken in each semester, combine to form a single, continuous research project. The findings of the research project are presented in a structured and integrated thesis, which comprises the main assessment component.

Typical availability

Spring semester, City campus

68037 Physical Modelling

6cp; 6hpw

This is a foundation physics subject. It covers the fundamentals of mechanics, thermal physics, electricity, fluids, waves and optics. Students are introduced to the basic techniques of measurement and technical communication.

This subject aims to develop an appreciation of the physical principles governing natural processes is an essential foundation experience for all engineers. Through this subject, students appreciate that physics is not just a body of knowledge to be learned and understood. Together with mathematics, it provides a framework for understanding and modelling natural phenomena that is carried over into design and analysis in engineering.

Students see that physics both enables and restrains engineering. Designs that are inconsistent with the laws of physics cannot be realised while much engineering innovation demands new physical insight or innovative uses of existing physical and mathematical models.

The subject also seeks to give students insights into the processes and pleasures of physics itself as a professional discipline. This includes basic experiences with the analytical, problem solving, observational and technical as well as measurement skills needed to model natural processes. The strong link to mathematics is integral to this aspect of the subject, as is the laboratory program which also links to mathematical modelling. The technical communication and other generic skills developed in this subject are further developed in later subjects. Graduates and later stage students, whether using physics themselves, working with physicists in a research or design team, or using new products based on advanced physics concepts, need to function in a world of innovation in which physical understanding and new physics plays a key role. This subject initiates the insights and attitudes relevant to this goal.

Typical availability

Autumn semester, City campus Spring semester, City campus

68038 Advanced Mathematics and Physics

6cp; 5hpw

Requisite(s): 68037 Physical Modelling AND 33230 Mathematical Modelling 2 AND 48520 Electronics and Circuits

Advanced Mathematics and Physics represents a partnership between the Electrical Engineering Group in the Faculty of Engineering, the Department of Mathematical Sciences and the Department of Physics and Advanced Materials in the Faculty of Science. This subject provides knowledge of mathematical methods needed for analysis of electric and magnetic fields and for circuit analysis and signal processing. It also provides an introduction to quantum physics and its application to semiconductor electronic and opto-electronic devices. The mathematics and physics components complement each other so that students develop both their theoretical and experimental skills. Topics covered are: vector calculus; functions of a complex variable; partial differential equations and boundary value problems; the concepts of quantum mechanics and Schrdinger's equation; and applications of quantum mechanics to semiconductors and electronic devices.

Typical availability

Spring semester, City campus

68041 Physical Aspects of Nature

6cp; 6hpw

This subject provides a general introduction to movement, wave motion, optics, thermal effects, properties of solid and fluid matter, electrical and atomic concepts, with a view to developing an appreciation and understanding of how to model physical aspects of nature. The material is presented with a focus on application to all areas of science and life science and integrates as a key component hands-on laboratory work and analysis of experimental data.

Typical availability

Autumn semester, City campus Spring semester, City campus

68044 Characterisation of Energy Efficient Materials

6ср

The concept of energy efficient materials is introduced to define the range and application of materials to be studied in this subject. This includes semiconductor materials used in light emitting diodes and photovoltaic applications, and thin film materials relevant to window coatings. Techniques for characterising these materials are then discussed in detail with demonstration of the practical application of these techniques. These include techniques such as x-ray diffraction for structure characterisation, optical characterisation using spectroscopy and ellipsometry, and measurement of electrical resistivity.

This subject contains a mix of coursework, experimental exercises and projects.

The aim of the subject is to provide a thorough grounding in the physical basis and practical application of these techniques in the context of energy efficient materials at a level appropriate to conducting research in this field.

68045 Computation Techniques in the Materials Sciences

6ср

Computational techniques are gaining increasing importance in materials science. They allow materials properties to be simulated at a level that is often difficult to access experimentally and play a vital role in the identification of new materials and in the interpretation of experimental data.

This subject contains a mix of coursework, practical exercises and projects.

The subject builds on work undertaken in 68416 Computational Physics to provide a thorough grounding in the physical basis of computational techniques used widely in materials science. Students gain experience working at a range of size scales, from quantum mechanical simulations at the atomistic level to classical electrodynamics applied to continuous media. The subject also provides an overview of the current status of computational techniques and facilities available for undertaking materials simulations.

68046 Physics Research Project A

12cr

In this subject students undertake a short research investigation under the supervision of a member of academic staff. Students contribute, in collaboration with their UTS supervisor and, where appropriate, an industry or external co-supervisor, to formulating the scope of the research project, including planning the research work. The student is responsible for carrying out the work, including appropriate and critical analysis of the data or information obtained, and writing up their findings in a formal written report (7000–15,000 words approx.) which includes an introduction to the project, a description of the methods used, a presentation of the results obtained plus any analysis undertaken and a discussion of the results in the context of the relevant literature. They may also be required to present a seminar to other students, staff and industry or external partners.

Due to supervisory and infrastructure constraints, places in this subject are limited and it can only be undertaken with faculty approval. Students should approach their Program Adviser and potential supervisors about project availability in the first instance. A project proposal, written in consultation with, and signed by the proposed supervisor and countersigned by the Program Adviser must be sent to the Master of Science Course Director for formal approval. Where the project involves laboratory or fieldwork, a completed risk assessment form must also be provided with the approval request. Ethics approval is required for certain projects.

68047 Physics Research Project B

12cp

In this subject students undertake a short research investigation under the supervision of a member of academic staff. Students contribute, in collaboration with their UTS supervisor and, where appropriate, an industry or external co-supervisor, to formulating the scope of the research project, including planning the research work. The student is responsible for carrying out the work, including appropriate and critical analysis of the data or information obtained, and writing up their findings in a formal written report (7000–15,000 words approx.) which includes an introduction to the project, a description of the methods used, a presentation of the results obtained plus any analysis undertaken and a discussion of the results in the context of the relevant literature. They may also be required to present a seminar to other students, staff and industry or external partners.

Due to supervisory and infrastructure constraints, places in this subject are limited and it can only be undertaken with faculty approval. Students should approach their Program Adviser and potential supervisors about project availability in the first instance. A project proposal, written in consultation with, and signed by the proposed supervisor and countersigned by the Program Adviser must be sent to the Master of Science Course Director for formal approval. Where the project involves laboratory or fieldwork, a completed risk assessment form must also be provided with the approval request. Ethics approval is required for certain projects.

68048 Physics Research Project

24cp

In this subject students undertake a semester-long research investigation under the supervision of a member of academic staff. Students contribute, in collaboration with their UTS supervisor and, where appropriate, an industry or external co-supervisor, to formulating the scope of the research project, including planning the

research work. This project is equivalent in level to those undertaken by honours and research master's students. The student is responsible for carrying out the work, including appropriate and critical analysis of the data or information obtained, and writing up their findings in a formal written report (10,000–20,000 words approx.) which includes an introduction, which sets the project in the context of the literature, a description of the methods used, a presentation of the results obtained plus any analysis undertaken and a discussion of the results in the context of the relevant literature. They may also be required to present a seminar to other students, staff and industry or external partners.

Due to supervisory and infrastructure constraints, places in this subject are limited and it can only be undertaken with faculty approval. Students should approach their Program Adviser and potential supervisors about project availability in the first instance. A project proposal, written in consultation with, and signed by the proposed supervisor and countersigned by the Program Adviser must be sent to the Master of Science Course Director for formal approval. Where the project involves laboratory or fieldwork, a completed risk assessment form must also be provided with the approval request. Ethics approval is required for certain projects.

68070 Introduction to Materials

6cp; 6hpw

This subject develops a solid science foundation for further materials and engineering-related studies and facilitates the working relationship between engineers, materials scientists and other scientists; an ability to identify and solve materials problems; and an ability to relate properties of engineering materials to technical applications. Topics covered in this subject are: chemical bonding of materials, classification of materials, structure-property relationships, mechanical properties, heat treatment and strengthening mechanisms, ferrous and non-ferrous alloys, ceramics, polymers and composites, materials degradation, materials recycling and materials selection. Numerous applied examples are discussed. Laboratory work imparts practical skills and reinforces the underlying theories. This is an integral part of the subject along with tutorial workshops.

Typical availability

Spring semester, City campus

68075 Nanomaterials

6cp: 5hpw

Requisite(s): 68070 Introduction to Materials OR 60101 Chemistry and Materials Science OR 60103 Nanosciences 1

This subject contains two complementary strands. The first deals with methods for producing nanostructures, nanostructured materials and nanoscale devices, using deposition, growth and self-assembling processes. The second uses real-world examples to demonstrate how the unique properties of these materials can be tailored for a wide range of applications from novel building materials and medical prothestics to the next generation of electronic devices.

Typical availability

Autumn semester, City campus

68101 Foundations of Physics

6cp; 6hpw

This is a foundation physics subject primarily for students in the physical sciences. It covers the fundamentals of dynamics and statics, fluid mechanics, thermal physics, waves and electricity. A strong emphasis is placed on the investigative nature of physics research with an integrated laboratory program developing further the problem-solving skills of the lecture and tutorial material to an appreciation of good experimental design and significance in information obtained under real-life modelling situations.

Typical availability

Autumn semester, City campus

68201 Physics in Action

6cp; 6hpw

Requisite(s): 68101 Foundations of Physics OR 68041 Physical Aspects of Nature OR 68037 Physical Modelling

This subject extends the material studied in 68101 Foundations in Physics, with statics and dynamics extended to a study of rotation, thermal physics extended to the first two laws of the thermodynamics, and waves extended to a study of geometrical optics and optical

devices. Students also explore new subject areas through a study of DC and AC circuits, electromagnetism, and atomic physics including introductory quantum physics.

Typical availability

Spring semester, City campus

68315 Imaging Science

6cp; 5hpw

Requisite(s): (68201 Physics in Action OR 68037 Physical Modelling) AND (33290c Statistics and Mathematics for Science OR 33230 Mathematical Modelling 2)

These requisites may not apply to students in certain courses. See access conditions.

Recommended studies: knowledge of calculus and of complex numbers

This subject builds upon the study of waves, optics and electromagnetics undertaken in an introductory physics subject. It assumes knowledge of calculus and of complex numbers. The subject considers how light is used to observe the world from the molecular scale upwards. It introduces the electromagnetic description of light as well as the description based on photons. Different sources and detectors are considered. The design of imaging systems and their resolution limits are analysed. The subject includes a significant experimental component, which emphasises the importance of careful analysis and clear presentation of observations.

Typical availability

Spring semester, City campus

68316 Applied Electronics and Interfacing

6cp; 5hpw

Requisite(s): 68201 Physics in Action OR 68037 Physical Modelling These requisites may not apply to students in certain courses. See access conditions

This subject builds upon the foundation studies of electricity undertaken in an introductory physics subject. It assumes knowledge of calculus and of complex numbers. The subject develops practical and theoretical skills in the application of electronic circuits in the laboratory with particular emphasis on the development of computer interfacing applications. Op-amps and digital circuit components are treated as building blocks to functional interfacing systems. The Labview environment is used to build skills in programming a computer interface.

Typical availability

Autumn semester, City campus

68320 Scanning Probe and Electron Microscopy

6cp; 6hpw

Requisite(s): (33190 Mathematical Modelling for Science AND (68201 Physics in Action OR 68037 Physical Modelling OR 65201 Ver 4 Chemistry 2C))

These requisites may not apply to students in certain courses. See access conditions.

Characterisation and production of materials, devices, biological systems with nanoscale features requires analysis and manipulation tools with extreme precision. This is a central issue in nanotechnology and many contemporary areas of materials science. The advent of techniques such as scanning tunnelling or atomic force microscopy allows us to view and manipulate objects at this level. Electron microscopy has a more established history, but in more recent times has turned out to be an invaluable tool to the nanotechnologist. This is a hands-on subject that introduces the concepts behind these techniques, their use and application in many areas of science and technology. Recent developments in the techniques are introduced, and students have the opportunity to gain hands-on experience using a variety of scanning probe and electron microscopes.

Typical availability

Spring semester, City campus

68412 Energy Science and Technology

6cp; 4hpw

Requisite(s): (68201 Physics in Action OR 68037 Physical Modelling) AND (33290c Statistics and Mathematics for Science OR 33230 Mathematical Modelling 2)

This subject explores the physics and thermodynamics of energy systems. It builds on the fluids and thermodynamics studied in introductory level subjects, and develops an understanding of the physics and thermodynamics underlying conventional and renewable energy systems. The subject builds problem-solving skills in practical applications of energy science. These systems and related issues are explored through lectures, tutorials and project-based work.

Typical availability

Autumn semester, City campus

68413 Quantum Physics

6cp; 6hpw

Requisite(s): (68201 Physics in Action OR 68037 Physical Modelling) AND (33360c Mathematics for Physical Science OR 68038 Advanced Mathematics and Physics)

These requisites may not apply to students in certain courses. See access conditions.

Recommended studies: some knowledge of complex numbers, matrices and differential equations

This subject builds on introductory material on waves and classical mechanics. The subject examines how the behaviour of our world at an atomic level differs from our everyday experience of the macroscopic world. It introduces concepts and quantum mechanical tools needed to describe the structure and interactions of atoms, molecules and solids. The unique properties of matter at this scale can be exploited in the creation of new materials and devices in nanotechnology. This subject explores emerging technologies such as quantum computing, scanning tunelling microscopy, and spectroscopic tools used to characterise and investigate the atomic world. It provides material which is fundamental to understanding many areas of physics and chemistry together with contemporary applications which are relevant to nanotechnologists.

Typical availability

Spring semester, City campus

68414 Advanced Mechanics

6cp; 4hpv

Requisite(s): (68201 Physics in Action OR 68037 Physical Modelling) AND (33360c Mathematics for Physical Science OR 68038 Advanced Mathematics and Physics)

This subject builds upon the foundation studies of mechanics and fields undertaken in an introductory physics subject. It takes advantage of the methods of vector analysis and differential equations to analyse the motion of particles and bodies under influence of forces and fields. Topics include coupled oscillators, the Lagrangian description of particle motion, rotational body dynamics, central force dynamics, and relativity.

Typical availability

Spring semester, City campus

68415 Measurement and Analysis of Physical Processes

6cp; 5hpv

Requisite(s): (68201 Physics in Action OR 68037 Physical Modelling) AND (33290c Statistics and Mathematics for Science OR 33230 Mathematical Modelling 2)

These requisites may not apply to students in certain courses. See access conditions.

This is predominantly an experimentally based subject. It builds upon the approach to experimentation introduced in the first year and provides a firm foundation for later experimental work. In particular, a focus is brought to methods of measurement and principles of data analysis of relevance to laboratory-based experimentation. The subject reinforces basic principles with practical applications drawn from various areas of applied physics. An experimentally based project is a major feature of this subject, where experimental design, data analysis and faithful and accurate reporting are emphasised.

Typical availability

Spring semester, City campus

68416 Computational Physics

6cp: 4hpw

Requisite(s): 33360 Mathematics for Physical Science OR 68038 Advanced Mathematics and Physics

These requisites may not apply to students in certain courses. See access conditions.

This subject introduces the key elements of computational physics such as methods for solving physical problems numerically and the use of computers for simulating the dynamics of large or complex systems. Numerical techniques including matrix manipulation, iterative optimisation and differential equation solvers. These are developed and applied to practical problems such as quantum mechanical simulations, statistical mechanics, electrodynamcs and fields and molecular dynamics. Project work leads students to advanced simulation work including processing and visualisation of results

Typical availability

Autumn semester, City campus

68513 Optics and Nanophotonics

6cp; 4hpw

Requisite(s): (68201 Physics in Action OR 68037 Physical Modelling) AND (33360c Mathematics for Physical Science OR 68038 Advanced Mathematics and Physics)

These requisites may not apply to students in certain courses. See access conditions.

Recommended studies: 68315 Imaging Science; 68606 Solid-State Science and Nanodevices

This subject builds upon the foundation studies of waves and optics undertaken in an introductory physics subjects. It takes advantage of the methods of vector calculus and differential equations to analyse how propagating fields interact with matter. The subject shows that field distributions at the nanoscale play an important role in many well-established and developing biological and chemical nanoscale analytic tools. Topics include: Maxwell's equations, interaction of electromagnetic waves and matter, diffraction and holographic gratings, near-field optics and bionanophotonics.

Typical availability

Spring semester, City campus

68606 Solid-state Science and Nanodevices

6cp; 5hpw

Requisite(s): 68413 Quantum Physics

These requisites may not apply to students in certain courses. See access conditions.

This subject provides an introduction to the quantum mechanics of electrons in solids and shows how the basic principles are used to guide the development of nanodevices which have technological applications. The subject has a substantial laboratory component which provides an opportunity to work with nanostructured materials.

Typical availability

Autumn semester, City campus

68723 Research Dissertation 1 (Science)

24cp

For subject description, contact UTS: Science.

68724 Research Dissertation 2 (Science)

24cp

Requisite(s): 68723 Research Dissertation 1 (Science) There are also course requisites for this subject. See access conditions.

For subject description, contact UTS: Science.

69337 Special Reading Subject

Зср

This subject can only be undertaken following prior negotiation on the part of the student with a full-time member of academic staff regarding individual supervision. In addition, special permission of the Associate Dean (Teaching and Learning) is required.

Typical availability

Autumn semester, City campus Spring semester, City campus Summer session, City campus

69500 Career Management for Scientists

6cp; 4hpw

The aim of this subject is to enable students to research and understand the requirements of employers of science graduates and to review and effectively promote both discipline specific skills and graduate attributes to employers in their fields of interest. It develops professional skills and behaviours sought by employers that enable graduates to transition effectively into science or other industries. It requires students to research relevant work opportunities in the local or global workplace, to analyse their capacities in relation to employer requirements in that field and review education and training needs for ongoing employment. It enables students to analyse and apply effective interpersonal skills in teamwork and develop confidence in their business communication and presentation skills. Students clarify career goals, identify relevant professional capacities and graduate attributes and learn to successfully articulate these capacities and experiences to employers. The subject also supports the development of a skills based e-portfolio for ongoing career management.

Typical availability

Spring semester, City campus

70110 Introduction to Law

6ср

Undergraduate

The subject is designed for non-lawyers and lawyers from legal traditions other than the common law tradition who need to acquire an understanding of the Australian legal system and fundamental principles within main areas of Australian law to assist them to undertake more specialised studies including those in a range of disciplines and fields other than law. It is designed to provide, in a module of nine out of a total of 12 topics, an introduction to the Australian legal system and an understanding of the western legal traditions and common law foundations for the legal system, followed by an introduction to principles of legal research and legal problemsolving, and to legal principles in the main areas of the law. This provides a foundation for students to undertake the research and learning in the last three topics of the subject which are specific to students' courses. It is intended that these nine topics are offered as an adjunct to a number of courses both internal and external, and it is designed to give an overview of those areas required to underpin the more specific and in-depth course materials which are taught in the remaining three topics. By combining the teaching of an understanding of the Australian legal system and major legal concepts with teaching the skills of research and legal problem-solving, the first nine topics of the subject equip students to move effectively into the specialised learning required not only in the last three topics but in their other subjects and their future studies.

Typical availability

Autumn semester, City campus Spring semester, City campus

70115 Perspectives on Law

8ср

 ${\bf Undergraduate} \ {\bf and} \ {\bf Postgraduate}$

This subject aims to introduce students to the law and the Australian legal system through the lens of a variety of perspectives, including: ethical, philosophical, historical, indigenous, constitutional, international and cultural perspectives. In this way students not only develop an understanding of the fundamental concepts which underpin our legal system, as well as an appreciation of the interrelationships between its various institutions, but moreover acquire an insight into the workings of and tensions within our legal system and so be in a position to critically evaluate the strengths and weaknesses of the Australian legal system and the role of law in the Australian community. Students are given the opportunity to read and critically assess a range of materials from a variety of sources. Students are also introduced to a range of legal assessment skills relevant to their studies in law.

Typical availability

Autumn semester, City campus Spring semester, City campus

70120 Legal Method and Research

6cp

Requisite(s): 70110 Introduction to Law AND 76006 Public International Law

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

The aim of this subject is to engage students with legal systems, legal reasoning, legal problem solving and legal research. Firstly, students are introduced to the Australian legal system, legal reasoning and the legal method skills of case analysis, statutory interpretation, legal problem solving and legal research. Legal method skills are fundamental to both the study and practice of law and students are able to develop these skills in a range of contexts. Students are also given opportunities to explore different approaches to legal reasoning and the contentious issue of judicial law-making.

Secondly, students are introduced to and develop a range of legal research skills. Students learn to distinguish between and locate primary and secondary sources of law using a number of library resources. Students also learn to develop research strategies and apply effective methodologies that suit the circumstances of the research tasks. Legal method and research are essential in the study of all subjects in the law program.

Typical availability

Autumn semester, City campus Spring semester, City campus

First-year experience videos

View commentary from students and academics about this first-year subject at:

- Student video: www.youtube.com/user/utschannel#p/u/6/x64fAAXTDuO
- Academic video: www.youtube.com/user/utschannel#p/u/19/f5p-IQiiNwU

70211 Contracts

8cp

Requisite(s): ((70113 Legal Process and History AND 70105c Legal Research) OR 79203 Business Law and Ethics OR 70120c Legal Method and Research)

Undergraduate and Postgraduate

This subject deals with the legal principles related to binding promises, the issues arising out of their interpretation, performance, and termination. The topics covered include the formation of contracts (agreement, consideration, intention, writing, legality of subject, capacity, privity); content and construction; vitiating factors (mistake, misrepresentation, duress, undue influence, unconscionability); discharge by performance and non-performance of contractual obligations (breach and frustration); and contractual remedies.

Typical availability

Autumn semester, City campus Spring semester, City campus

70218 Criminal Law

8ср

Requisite(s): (70113c Legal Process and History AND 70105c Legal Research) OR (70115c Perspectives on Law AND 70120c Legal Method and Research)

Undergraduate and Postgraduate

This subject deals with the substantive criminal law, the doctrines and rules that define the conditions of criminal liability and some aspects of procedural criminal law. Australian common law doctrine and the *Crimes Act 1900* (NSW) are considered.

Topics include: the nature of crime; the doctrines of mens rea and actus reus; burden of proof; strict liability; offences against the person; property offences; complicity and criminal defences.

Typical availability

Autumn semester, City campus Spring semester, City campus

First-year experience videos

View commentary from students and academics about this first-year subject at:

- Student video: www.youtube.com/watch?v=NRQLy3LkeJs
- Academic video: www.youtube.com/watch?v=7HOYparM4Dw

70311 Torts

8ср

Requisite(s): ((70113 Legal Process and History AND 70105c Legal Research) OR 79203 Business Law and Ethics OR 70120c Legal Method and Research)

Undergraduate and Postgraduate

This subject covers the functions and aims of the law of torts. The law of torts deals with claims for redress for civil wrongs. Students examine the nature of tortious liability in the light of a selection of specific torts, namely, trespass to the person, goods and land; detinue and conversion, the action on the case for wilful injuries; negligence; nuisance and statutory workers compensation and motor vehicle accident schemes. Negligence is the most significant tort and it is the primary focus of this subject. Students engage with and develop an understanding of the common law development of doctrine and rules through reading cases. In 2002 and 2003 there were significant legislative reforms to tort law and the impact of this legislation, in particular the *Civil Liability Act* 2002 (NSW), and its relationship to the common law is examined.

A law of torts subject is required for admission as a legal practitioner in all Australian jurisdictions. This subject is part of the core program for the Bachelor of Laws and provides students with foundational knowledge required for more advanced 'private law' subjects in the law degree. Subjects covering areas such as commercial law, and equity and corporate law also require a sound knowledge of tort law as a basis for the legal concepts learned in those subjects.

Typical availability

Autumn semester, City campus Spring semester, City campus

70317 Real Property

8cp

Requisite(s): ((70211 Contracts AND 70311c Torts) OR 79203 Business Law and Ethics)

These requisites may not apply to students in certain courses. See access conditions.

Undergraduate and Postgraduate

This subject deals with the law relating to transactions and title in land. The topics covered in this subject include torrens title and priorities; old system, possessory, qualified and limited title; fixtures; trespass to land; co-ownership; easements; covenants; mortgages, tenures and estates; and native title and leases.

Typical availability

Autumn semester, City campus Spring semester, City campus

70327 Commercial Law

6ср

Requisite(s): 70211 Contracts AND 70311c Torts Undergraduate and Postgraduate

In this subject students develop an understanding of aspects of commercial transactions. They also examine the law relating to chattel leases, cheques, negotiable instruments, guarantees, sale of goods, product liability and the application of key provisions of the *Australian Consumer Law*.

Typical availability

Autumn semester, City campus Spring semester, City campus

70417 Corporate Law

8cp

Requisite(s): 70317c Real Property AND 70517c Equity and Trusts Undergraduate and Postgraduate

Corporations are an all-pervading presence in contemporary society. An understanding of corporate law is essential for students intending to enter a commercial legal practice or aspiring to a senior appointment within a company. Awareness of the different rights

and responsibilities of corporate stakeholders, such as directors, employees, creditors and shareholders, is also important for any prospective lawyer, since so many legal issues involve one or more corporations as parties to the action or transaction.

This subject is an introduction to the field of corporate law and corporations, and their role in commerce and society. It looks at that mode of business activity conducted in the form of a vehicle known as a company or a corporation and asks 'What/why/how/who is it?'. It looks at the various actors involved: shareholders, directors, creditors, regulators and the public, and the web of relationships between these parties. It also looks at the legal system and laws, corporate laws, and how they provide dispute resolution mechanisms. In addition, the increasing role of laws as regulatory and prescriptive is explored with a tilt towards understanding and utilising theoretical models of the body corporate and public policies.

This subject is taught from a student-centred perspective, with an emphasis on case and policy analysis, which may involve lectures, seminars and online exercises. It is Australian-laws focused and cases chosen for readings and discussion reflect this bias.

Typical availability

Autumn semester, City campus Spring semester, City campus

70517 Equity and Trusts

8cı

Requisite(s): 70317 Real Property Undergraduate and Postgraduate

This subject covers two related fields of study.

In 'equity' students examine the doctrines and remedies which were originally developed in the Courts of Chancery in England prior to 1873 to ameliorate the harshness of the common law and which are still applied today to the largely same effect, with some modification from time to time. Equitable doctrines and remedies do not replace the common law but supplement it in significant ways by recognising and enforcing obligations which are not known to the common law and by granting remedies in respect of those obligations which are not available at common law. These doctrines and remedies are now administered in the same courts in which the common law is administered. Many areas of law are touched by equitable doctrines and remedies. In particular, the law of contract and property law are significantly affected by equity. Through the study of equity, students examine the range of discretionary remedies which are available for breach of particular obligations.

In 'trusts' students explore the concept of a trust which was developed in the Courts of Chancery, whereby an interest in property is legally owned by one party but held for the benefit of another person or purpose permitted by law. The obligations of the party owning the interest at law, and the rights of the beneficiary to that interest, continue to be recognised and enforced in equity. Trusts are now commonly used in both private arrangements and for commercial purposes, having particular consequences for taxation and insolvency. The relevant principles and modern applications of trusts are considered.

Typical availability

Autumn semester, City campus Spring semester, City campus

70616 Australian Constitutional Law

8ср

Requisite(s): ((70105 Legal Research AND 70113 Legal Process and History) OR (70115 Perspectives on Law AND 70120 Legal Method and Research)) AND 70211c Contracts

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject aims to provide an understanding of:

- the philosophies and principles which shape Australian constitutional law
- the nature and content of the Commonwealth and state constitutions
- the role and methods of the High Court in interpreting the Constitution
- the distribution of legislative power under the Constitution
- the scope of particular grants of legislative power to the Commonwealth

- the role of international law, including treaties, in shaping Australian domestic law
- the relationship between the Commonwealth and the states under the Constitution
- the scope of the executive, parliamentary and judicial powers of the Commonwealth, the states and the territories
- the relationship between the three arms of government in Australia
- those rights and freedoms guaranteed by the Constitution, both express and implied, and
- the nature of 'representative government'.

Typical availability

Autumn semester, City campus Spring semester, City campus

70617 Administrative Law

8cc

Requisite(s): 70616c Australian Constitutional Law

These requisites may not apply to students in certain courses. See access conditions.

Undergraduate and Postgraduate

This subject deals with the control of government decisions. The primary focus is on the various mechanisms designed to achieve accountability on the part of officials who exercise broad discretionary powers, including decisions of the Governor-General, Ministers of the Crown, department heads, public servants and other public officers. (Judicial review ensures supervision by the executive arm of government of decisions made by the executive. Accountability of the executive is also achieved through other mechanisms such as the role of the ombudsman, freedom of information legislation, and privacy and anti-corruption legislation.) The subject deals principally with judicial review by the courts of decisions and actions of government. It also deals with some aspects of administrative law relating to non-governmental bodies. Administrative law is studied under the following broad topic areas: grounds of review of administrative decisions, in particular procedural fairness, ultra vires and jurisdictional error; and remedies available upon judicial review, including prerogative writs and equitable remedies. The subject also deals with judicial review; administrative review, especially the jurisdiction of the Administrative Appeals Tribunal Act 1975 (Cwlth) and comparable state legislation. The role of the Ombudsman, freedom of information and anti-corruption legislation is also reviewed. This subject aims to provide an understanding of:

- the central principles and the rights of the individual in dealing
 with government through administrative law, including the
 ideals of preservation of order, the welfare of the citizen,
 natural justice and the rights of the individual in contrast to
 governmental power
- the processes of institutions, both administrative and judicial, which regulate administrative action, and
- the institutions, legal principles, reasoning, constructs and techniques of administrative law.

Typical availability

Autumn semester, City campus Spring semester, City campus

70717 Evidence and Criminal Procedure

6ср

Requisite(s): [70218 Criminal Law OR 70217 Criminal Law] AND 70417c Corporate Law AND [70517c Equity and Trusts OR 70516c Equity and Trusts]

Undergraduate and Postgraduate

This subject is based around the provisions of the *Evidence Act* 1995. Students study aspects of criminal procedure, as well as the rules about the admissibility of evidence. Topics include arrest, bail, police interrogation, the right to silence, types of evidence and the thresholds to the admissibility of evidence including relevance, hearsay, opinion, credibility, character, tendency and coincidence, discretionary exclusions, directions and warnings. Students examine the law reform processes that underpin the rules in NSW and federal courts and study the interpretation of these rules in judicial decisions.

Typical availability

Autumn semester, City campus Spring semester, City campus

71116 Remedies

6cr

Requisite(s): 70516c Equity and Trusts OR 70517c Equity and Trusts Undergraduate

This subject deals with the range of court-ordered remedies available to a plaintiff in civil proceedings. This subject brings together what students have studied or are studying in subjects such as equity, contract and tort into one coherent subject. The relevant theoretical and practical considerations that underpin remedies available to enforce rights and duties are also considered.

The more common remedies are those administered either at common law or in equity and are studied under the following broad topic areas: damages; equitable remedies (declarations, specific performance, injunctions, account, equitable damages); and statutory and common law remedies for deceptive conduct. Bankruptcy and insolvency are also considered.

This subject aims to provide an understanding of:

- the common law and equitable remedies available to a successful plaintiff
- the inter-relationship of common law and equitable remedies, and
- the relationship of common law and equitable remedies to statutory remedies.

Typical availability

Autumn semester, City campus Spring semester, City campus

75402 Property Transactions

6cp; offered either on campus (lecture: 1hpw, workshop: 2hpw) or by distance requiring no on-campus attendance (lectures are taped for distance students)

Requisite(s): [75412c Legal Skills AND (75420c Ethics and Professional Conduct OR 75415c Professional Conduct 1) AND (132 credit points of completed study in C04148c Master of Law and Legal Practice OR 108 credit points of completed study in C04236c Juris Doctor OR 156 credit points of completed study in C10124c Bachelor of Laws OR 156 credit points of completed study in C10125c Bachelor of Business Bachelor of Laws OR 156 credit points of completed study in C10129c Bachelor of Laws Bachelor of Arts in International Studies OR 156 credit points of completed study in C10131c Bachelor of Medical Science Bachelor of Laws)]

These requisites may not apply to students in certain courses. See

Undergraduate and Postgraduate

access conditions.

The subject explores the legal practitioner's role in property transactions, including torrens title and strata title conveyancing transactions, commercial and residential leases, mortgages, finance, powers of attorney and options. Students learn and practise tasks in preparation for professional practice as an entry-level lawyer including a practice file for a residential conveyance and preparation of a commercial lease. Students develop their skills in applying their knowledge and understanding of the law in the context of property transactions. The subject encourages students to experience and reflect on some of the graduate attributes developed by the faculty.

Typical availability

Autumn semester, City campus Spring semester, City campus

75403 Commercial and Estate Practice

6cp; on campus, distance (distance not available in Summer session) Requisite(s): [(132 credit points of completed study in C04148c Master of Law and Legal Practice OR 108 credit points of completed study in C04236c Juris Doctor OR 156 credit points of completed study in C10124c Bachelor of Laws OR 156 credit points of completed study in C10125c Bachelor of Business Bachelor of Laws OR 156 credit points of completed study in C10129c Bachelor of Laws Bachelor of Arts in International Studies OR 156 credit points of completed study in C10131c Bachelor of Medical Science Bachelor of Laws) AND 75412c Legal Skills)

These requisites may not apply to students in certain courses. See access conditions.

Undergraduate and Postgraduate

The subject explores the legal practitioner's role in commercial and estate practice, including the sale and purchase of businesses, planning business structures, employer obligations, drafting and analysing wills, applying for probate or letters of administration and administering estates. Students learn and practise tasks in preparation for professional practice as an entry-level lawyer in the areas of commercial and estate practice. The subject encourages students to experience and reflect on some of the graduate attributes developed by the faculty.

Typical availability

Autumn semester, City campus Spring semester, City campus

75411 Practical Experience

0cp

Requisite(s): ((132 credit points of completed study in C04148c Master of Law and Legal Practice OR 108 credit points of completed study in C04236c Juris Doctor OR 156 credit points of completed study in C10124c Bachelor of Laws OR 156 credit points of completed study in C10125c Bachelor of Business Bachelor of Laws OR 156 credit points of completed study in C10129c Bachelor of Laws Bachelor of Arts in International Studies OR 156 credit points of completed study in C10131c Bachelor of Medical Science Bachelor of Laws) AND 75412c Legal Skills)

These requisites may not apply to students in certain courses. See access conditions.

Undergraduate and Postgraduate

Students in this subject undertake a minimum of 16 weeks of full-time or equivalent part-time work experience in a legal office environment. Practical experience placements must be approved in advance by the UTS Faculty of Law Practical Experience Committee and completed in accordance with the practical experience rules. Students must complete their practical experience work placement within five semesters of enrolling in this subject.

75412 Legal Skills

6cp; offered either on campus (1.5hpw lecture, 2hpw workshops as timetabled) or by distance requiring students to attend on Saturdays as timetabled for two days of workshops (all day) and two days for assessment in short blocks (1-2hrs); lectures are recorded and available on UTS online

Requisite(s): (70417 Corporate Law AND (70717 Evidence and Criminal Procedure OR 71216 Law of Evidence) AND (132 credit points of completed study in C04148c Master of Law and Legal Practice OR 108 credit points of completed study in C04236c Juris Doctor OR 156 credit points of completed study in C10124c Bachelor of Laws OR 156 credit points of completed study in C10125c Bachelor of Business Bachelor of Laws OR 156 credit points of completed study in C10129c Bachelor of Laws Bachelor of Arts in International Studies OR 156 credit points of completed study in C10131c Bachelor of Medical Science Bachelor of Laws)) These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject introduces students to the skills and awareness that together form the professional persona of an effective legal practitioner. The skills of interviewing and advising, writing, drafting and negotiating are covered. The subject also examines the areas of human behaviour and practices that a lawyer needs to be sensitive to in

order to be an effective practitioner. These include work management, legal aid, access to justice and disability and EEO issues.

The approach to problem solving is explored, discussed and developed as a law student is refined and redirected to become client centred. A lawyer's most valuable tool is the ability to communicate. Participation in workshops dealing with drafting, interviewing and negotiation tasks are designed to enable students to practise these key skills in a client-focused environment.

Typical availability

Autumn semester, City campus Spring semester, City campus

75413 Advocacy

6cp; off-campus students must participate in UTSOnline workshops during semester, and are also required to attend a two-day intensive during the UTS: Law non-teaching week and a three-day intensive during the final exam week

Requisite(s): ((132 credit points of completed study in C04148c Master of Law and Legal Practice OR 108 credit points of completed study in C04236c Juris Doctor OR 156 credit points of completed study in C10124c Bachelor of Laws OR 156 credit points of completed study in C10125c Bachelor of Business Bachelor of Laws OR 156 credit points of completed study in C10129c Bachelor of Laws Bachelor of Arts in International Studies OR 156 credit points of completed study in C10131c Bachelor of Medical Science Bachelor of Laws) AND 75412c Legal Skills AND (70717 Evidence and Criminal Procedure OR 71216 Law of Evidence) AND 75421c Civil Litigation)

These requisites may not apply to students in certain courses. See access conditions.

Undergraduate and Postgraduate

This subject develops the skills necessary to prepare for and present evidence and argument in court. The primary focus of the subject is on the techniques involved in examination-in-chief, cross-examination, re-examination, making objections to evidence and the presentation of an opening and closing address. On-campus students practice skills through attending workshops, participating in exercises, presenting a local court mention, a bail application, a plea of guilty, a defended hearing and preparing an interlocutory application in the District Court. Off-campus students participate in these activities online and demonstrate the skills in an intensive week on campus during the faculty non-teaching week and at the end of the semester. This subject aims to provide the skills necessary to:

- present a mention, bail application and plea of guilty
- develop persuasive argument and submissions
- prepare a defended matter for court using the 'proof making model', and
- conduct a defended matter including the presentation of evidence.

Typical availability

Autumn semester, City campus Spring semester, City campus

75420 Ethics and Professional Conduct

6cp; on campus

Requisite(s): (132 credit points of completed study in C04148c Master of Law and Legal Practice OR 108 credit points of completed study in C04236c Juris Doctor OR 156 credit points of completed study in C10124c Bachelor of Laws OR 156 credit points of completed study in C10125c Bachelor of Business Bachelor of Laws OR 156 credit points of completed study in C10129c Bachelor of Laws Bachelor of Arts in International Studies OR 156 credit points of completed study in C10131c Bachelor of Medical Science Bachelor of Laws) AND (70717c Evidence and Criminal Procedure OR 71216c Law of Evidence)

These requisites may not apply to students in certain courses. See access conditions.

Undergraduate and Postgraduate

This subject provides a basis for the understanding of the ethical responsibilities of legal practitioners, including obligations relating to a solicitor's trust account. The lectures focus on the practical applications of admission to practice, including the basic requirement for the operation of a solicitor's trust account and alternative approaches to applying legal ethics. The practice of law requires an understanding

of the Legal Profession Act 2004 (NSW) and Legal Profession Regulation 2005 (NSW), the Professional Conduct Rules and case law. The integration of practical and theoretical approaches to legal ethics provides a framework in which students can better integrate ethical priorities within their own moral framework. The tutorials provide scenarios in which students can better understand and discuss the application of the rules as well as giving an opportunity to explore the various approaches to legal ethics. Workshops provide an opportunity for students to better understand the operation of trust accounting procedures.

Typical availability

Autumn semester, City campus Spring semester, City campus

75421 Civil Litigation

6cp; 1hpw (lecture), 2hpw (workshop), on campus Requisite(s): [70717c Evidence and Criminal Procedure OR 71216c Law of Evidence] AND (132 credit points of completed study in C04148c Master of Law and Legal Practice OR 108 credit points of completed study in C04236c Juris Doctor OR 156 credit points of completed study in C10124c Bachelor of Laws OR 156 credit points of completed study in C10125c Bachelor of Business Bachelor of Laws OR 156 credit points of completed study in C10129c Bachelor of Laws Bachelor of Arts in International Studies OR 156 credit points of completed study in C10131c Bachelor of Medical Science Bachelor of Laws)

These requisites may not apply to students in certain courses. See access conditions.

Undergraduate and Postgraduate

This subject deals with the practice area of civil litigation within a substantive framework. The application of civil practice in New South Wales is addressed to enable students to have an understanding of the legal and ethical context in which lawyers operate within the civil jurisdiction.

The substantive framework is based on the educational requirements of the 'Priestly 11' (named after the Chair of the Committee who identified the 11 core subjects that should be taught in undergraduate law). These requirements are set out in schedule 5 of the *Legal Profession Admission Rules* 2005. The areas of knowledge required to be taught in civil procedure are:

- 1. court adjudication under an adversary system
- 2. the cost of litigation and the use of costs to control litigation
- service of originating process-as foundation of jurisdiction, including service out of the relevant state or territory and choice of forum
- 4. joinder of claims and parties, including group proceedings and the defence of prior adjudication as instances of the public interest in avoiding a multiplicity of proceedings and inconsistent verdicts
- 5. defining the questions for trial-pleadings, notices to admit and other devices
- 6. obtaining evidence-discovery of documents, interrogatories, subpoena and other devices
- 7. disposition without trial, including the compromise of litigation
- 8. extra judicial determination of issues arising in the course of litigation
- 9. judgment
- 10. appeal
- 11. enforcement.

Areas of study in this subject follow the interpretation and application of civil litigation in the New South Wales Courts governed by the *Civil Procedure Act* 2005 and the *Civil Procedure Rules* 2005 (UCPR), namely the Supreme Court, the District Court and the Local Court.

Civil litigation follows the scope of the Act and Rules, such as the commencement of proceedings, representation, the drafting and filing of court documents, service, pleadings and particulars, interlocutory applications and resolution, including alternatives to dispute resolution. Statute law is supported by relevant case law.

The Act and Rules form the framework for caseload management in the Supreme, District and Local Courts. The rules apply in these courts, unless otherwise provided for. The legislation gives power to judicial officers to firstly, direct the business of the court and caseload manage all matters and secondly, to direct the parties as to the management of their individual case.

Case law is relevant when it is applicable to the issues before the NSW courts. Some of the cases looked at in the subject concern the uniform civil procedure legislation. The cases that do not come within the legislation have similar legislation or principles. The purpose of referring to these cases, outside the NSW civil procedure regime, is to determine and discuss the relevant link between the principles and the current civil procedure framework.

Two of the significant results of the uniform civil procedure regime are the increased role of the courts in the conduct of proceedings and the additional duties of legal practitioners acting for the parties in civil proceedings.

Typical availability

Autumn semester, City campus Spring semester, City campus

Note(s)

Students who enrolled in a Bachelor of Laws before 2008 and who choose not to complete practical legal training may elect to enrol in a substitute law option subject in place of this subject if they have completed 71005 Practice and Procedure. Subject substitution applications are made through eRequest at:

http://datasearch.uts.edu.au/evop

75422 Transactional Practice

6ct

Requisite(s): 75420c Ethics and Professional Conduct AND 75421c Civil Litigation AND 168 credit points of completed study in C10124 Bachelor of Laws

These requisites may not apply to students in certain courses. See access conditions.

This subject covers the skills, practice areas and values required of a law student to be admitted to practise law as prescribed by the 'competency standards' set out in the Sixth Schedule to the Legal Profession Admission Rules 2005. The subject assumes an understanding of disciplinary knowledge taught in core law subjects in a relevant degree. In this subject, students learn and practise tasks in preparation for professional practice as an entry-level lawyer.

This subject focuses on law, practice, procedure and skills to enable students to:

- conduct and advise on property transactions such as conveying torrens title and strata title residential property, advise on, create and release securities, advise on create and transfer leases, identify revenue issues of property transactions, advise on land use, powers of attorneys, residential tenancies and options.
- conduct and advise on commercial transactions such as the sale and purchase of a business, set up and advise on business structures and the continuing obligations in relation to those structures, identify revenue implications of commercial transactions and refer clients to appropriate expert advisers, advise on loans, securities and financing arrangements for commercial transactions.

Students also draft relevant documentation and analyse issues in clients problems as well as offering options and solutions.

The subject encourages students to experience and reflect on the targeted Graduate Attributes developed by the Faculty.

Typical availability

Autumn semester, City campus Spring semester, City campus

75423 Litigation and Estate Practice

6ср

Requisite(s): 75420c Ethics and Professional Conduct AND 75421c Civil Litigation AND 168 credit points of completed study in C10124 Bachelor of Laws

These requisites may not apply to students in certain courses. See access conditions.

This subject covers the skills, practice areas and values required of a law student to be admitted to practise law as prescribed by the 'competency standards' set out in the Sixth Schedule to the Legal Profession Admission Rules 2005. The subject assumes an understanding of disciplinary knowledge taught in core law subjects in a relevant degree. In this subject, students learn and practise tasks in preparation for professional practice as an entry-level lawyer.

This subject has three components.

- Civil Litigation Practice: this subject component deals with the
 theory of civil practice and procedure in NSW governed by the
 Civil Procedure Act and Uniform Civil Procedure Rules. Areas
 of study include identification of case theory, the merits of a case,
 litigation and alternative dispute resolution options, drafting of
 court documents including pleadings and affidavits, gathering of
 evidence and preparation for and engagement in an alternative
 dispute resolution activity (interests-based negotiation).
- Wills and Estate Practice: this subject component covers drafting and advising on wills, obtaining grants, administering deceased estates, identifying issues and problems that arise in will drafting and estate administration and resolving and advising on these issues and problems.
- 3. A choice of either:
 - Option A (Family Law Practice component): this subject component covers advising clients about matters following the breakdown of a relationship, marriage or de facto. Students draft appropriate documents to be filed with the court and appear before the court, or
 - Option B (Criminal Law Practice component): this subject component covers advising a client and preparing a bail application, a plea of guilty and a brief to counsel to advise on the merit of the prosecutions case theory.

The subject encourages students to experience and reflect on the targeted graduate attributes developed by the faculty.

Typical availability

Autumn semester, City campus Spring semester, City campus

75424 Legal and Professional Skills

6c

Requisite(s): 75420c Ethics and Professional Conduct AND 75421c Civil Litigation AND 168 credit points of completed study in C10124 Bachelor of Laws

These requisites may not apply to students in certain courses. See access conditions.

This subject covers the skills, practice areas and values required of a law student to be admitted to practise law as prescribed by the 'competency standards' set out in the Sixth Schedule to the Legal Profession Admission Rules 2005. The subject assumes an understanding of disciplinary knowledge taught in core law subjects in a relevant degree. In this subject, students learn and practise tasks in preparation for professional practice as an entry-level lawyer.

This subject focuses on the ability to demonstrate legal skills and the understanding of the ethical responsibilities of legal practitioners, including obligations relating to a solicitor's trust account. The practice of law requires an understanding of the legislative and regulatory environment in which the legal profession operates. The integration of practical and theoretical approaches to legal ethics and legal practice provides a basis from which students can better integrate ethical priorities within their own moral compass and develop personal priorities around resilience.

Participation in workshops dealing with drafting, interviewing and negotiation tasks are designed to enable students to practice essential skills in a client focused environment. The workshops also provide practical scenarios in which students can better understand the application of the conduct rules, the operation of trust accounting procedures and the application of resilience tools in the work place environment.

The subject encourages students to experience and reflect on the targeted graduate attributes developed by the faculty.

Typical availability

Autumn semester, City campus Spring semester, City campus

76001 Comparative Law

6ср

Requisite(s): ((70120 Legal Method and Research OR 70105 Legal Research)) OR (70110 Introduction to Law AND 76006c Public International Law)

These requisites may not apply to students in certain courses. See access conditions.

Undergraduate and Postgraduate

This subject focuses on how different legal systems function in the world today. It examines current and past theories of comparative law in the context of globalisation and the internationalisation of law. It provides an introduction to each of the world's major legal systems in their various manifestations and the way in which they are adapting to modern challenges. As well as the traditional comparisons of common, civil and socialist law, the subject considers the theory and practice of legal pluralism and the place of indigenous and religious based laws within state legal systems.

76002 Sports Law

6cn

Requisite(s): 60 credit points of completed study in C04148 Master of Law and Legal Practice AND 70211 Contracts AND 70311 Torts These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Undergraduate and Postgraduate

The law of sport and recreation is a commercial law subject. This is to be expected in an industry that is a major economic driver. Moreover, sport-based disputes seem to have an urgency about them that sees them litigated within a few weeks of a cause of action arising. With the growth of professionalism, the internationalisation of sport, media influence, sporting sponsorship and high profile sporting cases, sport once quarantined from the impact of the law, is now at the forefront.

Any sporting event generates a number of legal concerns, for example: what rights of appeal exist for non-selected athletes; issues concerning doping; to whom does a team doctor owe their duty of care; are athletes illegally exploited by major sporting organisations; when can an athlete be criminally charged for violent acts; do sporting disciplinary tribunals function legally; how should the sporting organisation deal with claims of discrimination; are coaches and clubs legally liable for the actions of their athletes; is it legal to exclude an athlete or member of the public from a sporting venue; when is a referee legally liable in tort.

This subject considers the law as it relates to sport in Australia and several areas of international interest. It is hoped that, where appropriate, a number of guest speakers from the sporting world will present mini-lectures on matters of interest in sport and its relationship with law.

76003 Asian Law and Legal Systems

6cp; one semester

Requisite(s): [(70120 Legal Method and Research OR 70105 Legal Research)] OR (76006c Public International Law AND 70110 Introduction to Law)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

The subject exposes students to another legal system. It is designed to introduce students to the reception of legal systems in the countries of East and South-East Asia, with special reference to the reception of English law and Islamic law by these countries.

76005 Islamic Law

6cp

Requisite(s): (60 credit points of completed study in C04148 Master of Law and Legal Practice OR (70110 Introduction to Law AND 76006c Public International Law))

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

The aim of this subject is to provide an introduction to Islamic law in theory and its practice as implemented in the modern world. Topics covered include:

- jurisprudence reviews the origins and development of Islamic law, current issues such as codification and modernisation, and application of these principles in modern Muslim countries such as Malaysia and Pakistan
- family law and inheritance examines the rules regarding marriage and divorce, custody of children and maintenance, the importance of the extended family, and developments in family planning law
- commercial, property and banking law reviews new developments in these fields and looks at the model of an Islamic bank. Intellectual Property law is also considered.
- criminal law and evidence looks at the classification of crimes, prescribed and discretionary punishments and evidence required for conviction, and
- Islam in Australia gives an overview of the Muslim population in Australia today.

76006 Public International Law

6cp

Requisite(s): 70616 Australian Constitutional Law OR 70110 Introduction to Law

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject introduces students to the basic rules of public international law, with particular attention on the development of the law through the machinery of the United Nations in its relationship with the state, international organisations and even the individual. The subject covers the nature, characteristics and function of international law; the sources of international law; the law of treaties; the concept of state sovereignty and domestic jurisdiction; the relationship between international law, municipal law and the individual (including the international protection of human rights); statehood and sovereignty; personality, rights and duties of states; the recognition of states and governments; state succession; territorial sovereignty of the land and sea; maritime delimitation; jurisdiction of states (including jurisdictional competence, immunity from jurisdiction, asylum and extradition); immunities and privileges in diplomatic and consular relations; international organisations; and armed conflict and settlement of international disputes.

Typical availability

Autumn semester, City campus Spring semester, City campus

76007 International Human Rights Law

6cp

Requisite(s): [70616 Australian Constitutional Law OR [70110 Introduction to Law AND 76006c Public International Law]] These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

International human rights law is a body of law with important substantive and procedural aspects in its application. As a body of law that is designed to oversee the treatment of individuals and groups by the state machinery, it has significant implications for all countries and calls for a systematic, scholarly analysis to ensure its proper understanding and practice. As a discipline, international human rights law is relevant not only to societies with oppressive regimes, but also to those with sophisticated, democratic institutions. International human rights norms impose obligations on the state by ensuring that it is accountable internationally for the treatment of persons both at the hands of government institutions and officials

and through the acts of other private persons. The aim of this subject is to provide students with knowledge of, and interpretive skills in, international and regional human rights law by examining the concept and history of human rights, the supra-national institutions and mechanisms concerned with the promotion and protection of human rights, the substantive legal principles governing the interpretation and application of international and regional human rights laws, and the issues associated with their implementation in the domestic sphere.

76008 Jurisprudence

6cr

Requisite(s): [70311 Torts OR [76006c Public International Law AND 70110 Introduction to Law]]

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject deals with theoretical questions that are relevant to an understanding of the notion of law (e.g. What is the law of the state? Is there any other command, convention or the like that can also be called 'law'?). It also includes a discussion of different approaches to the study of law (e.g. philosophical, sociological, historical, analytic, international, comparative) to determine its derivation, nature and function, as well as a discussion of the doctrines and techniques of legal analysis and evaluation. The various approaches are compared and criticised in the context of sociopolitical problems, conflicts and other phenomena. Topics here include sovereignty and the law, legal rights and duties, and law and ideology. Their treatment in the common law is examined. A number of theorists are considered, e.g. Austin and Dworkin.

76009 Introduction to Chinese Business Law

6ср

Requisite(s): (70211 Contracts OR (70110 Introduction to Law AND 76006c Public International Law))

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

With China's emergence as a new economic superpower, and with ever-deepening business ties between Australia and China, it is crucial that students gain an up-to-date understanding of Chinese business law and an awareness of major differences between Australian and Chinese legal and business cultures.

This subject adopts a case-based, problem-solving approach to focus on the following areas:

- · current legal system and legal/business culture of China
- Chinese investment law environment and how it differs from Australia
- corporate structures and the status of business corporations in China since China's accession to the World Trade Organization (WTO)
- the legal environment for foreign entities doing business in and with China, potential risks and case studies
- China's WTO compliance and Australia-China Free Trade Agreement – case studies.

The subject is important for students wishing to understand the interactions between law, business, politics and culture in China today. Students are able to develop practical and research skills that assist them in understanding the business law environment in China in contrast to that of Australia.

Typical availability

Autumn semester, City campus Spring semester, City campus

76010 Disability and the Law

6ср

Requisite(s): (70120 Legal Method and Research OR (76006 Public International Law AND 70110 Introduction to Law))

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject explores disability and impairment as a legal category. Students are introduced to the various competing models of disability including: the medical model, the social construction model, the human rights model and bioethical, feminist and postmodern approaches to disability. In so doing, the subject takes an interdisciplinary and international comparative approach to conceptions and theories of disability and impairment. Students examine the practical implications of these models for the construction of legal rights and responsibilities with respect to persons with disabilities in a number of key areas of law. These include health law, tort law, criminal law, international law and anti-discrimination law. Specific issues examined include: treatment-limiting decisions for newborns, constraints on reproductive decision making, abortion for disability, end of life decision making; the therapy / enhancement distinction and body modification, the UN Declaration of Human Rights, the UN Declaration of the Rights of Disabled Persons and various state and federal anti-discrimination legislation. Key issues that students need to examine are the concepts of normal and disabled, healthy and diseased and able-bodied and impaired. This subject examines and evaluates how law can best achieve the goals of social justice and equality for individuals with disabilities.

76012 Criminology

6ср

Requisite(s): 70217 Criminal Law OR 70218 Criminal Law These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

Criminology is a broad subject encompassing both theoretical and practical approaches. Theoretical aspects of criminology include analyses of why people commit crime, appropriate responses to the commission (or potential commission) of crime, and theoretical justifications for punishment. Research in criminology focuses on specific topics, providing a combination of quantitative and qualitative analysis of factors such as the impact of ethnicity, gender, sexuality, etc., on the commission of crime and the criminal justice system's responses to crime.

Students are invited to consider traditional and emerging analyses of criminology both in the abstract and applied to specific examples.

76013 World Trade Law

6ср

Requisite(s): ((70120 Legal Method and Research OR 70105 Legal Research)) OR (76006c Public International Law AND 70110 Introduction to Law)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

The rules of the World Trade Organization (WTO) underpin the conduct of international trade in about 150 countries and have direct relevance for governments, businesses and individuals. The WTO rules cover not just customs and tariffs, but also agriculture, industry development, quarantine and health, and environmental protection. This is a specialist subject on the WTO.

The second half of the subject focuses on the Australian application of trade rules and domestic and international laws governing international transactions. On completion of this subject, students have a developed understanding of the basic legal principles underpinning the multilateral trading system; the key agreements; the dispute settlement mechanism of the WTO; and its institutional structure and the decision-making processes. Students also have an understanding of the application of the law to international transactions.

76015 Labour Law

6ср

Requisite(s): 70211 Contracts AND 70311 Torts

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject examines 'individual' aspects of Australian labour law under both judge-made law and selected legislation. Labour law is an important component of studies in the legal regulation of commerce. Students are introduced to the key aspects of laws which determine the rights, entitlements and responsibilities governing the relationship between an employer and an individual worker. Both practical and theoretical perspectives on individual labour law are examined. Topics covered include: employment and other categories of work relationships; formation and content of the employment contract; post-employment restraints; implied duties of employers and employees; employment terms and conditions under legislation; termination of the employment contract; unfair dismissal legislation; and unfair work contracts legislation.

76016 Advanced Revenue Law

6cp

Requisite(s): [76212 Revenue Law AND (70516c Equity and Trusts OR 70517c Equity and Trusts)]

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject builds on the understanding obtained in previous study. It focuses on a deeper analysis in relation to a number of taxation issues including the taxation of companies, trusts and partnerships, further capital gains tax issues, aspects of international taxation, tax administration, and tax planning, with a consideration of antiavoidance and ethical issues in tax planning.

76019 Broadcasting and Telecommunications Regulation

6cp

Requisite(s): 70120 Legal Method and Research OR 70105 Legal Research

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject addresses the law regulating the structure of electronic communications in Australia. The subject covers the regulation of broadcasting, telecommunications and online content.

It provides students with an understanding of the policy and legal framework and addresses such questions as who can provide these services; what regulatory obligations are imposed on businesses providing these services; how are these sectors regulated to ensure that competition is promoted and no persons have undue influence over communications in Australia; what rules are in place to ensure that Australians, regardless of wealth, location, etc. have access to communications services; and how does the law respond to the impact of new technology.

This is a very topical course with a changing menu of current issues. Some current issues include provision of broadband services and access across Australia, the switch to digital technology and the regulatory response as traditional broadcasting and telecommunications frameworks give way to a global multi-platform delivery environment.

76020 Entertainment Law

6ср

Requisite(s): 70211 Contracts

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject aims to provide students with a detailed and practical understanding of the legal environment of the entertainment industries in Australia. The focus of the subject is the transactions concerned with the production and distribution of content - film and television, recordings, music publishing and new media. The discussion of laws relating to the entertainment industries is placed within the broader commercial and artistic context of the

entertainment business, including the impact of new media in creating new formats and a more global market, the roles of different parties, the structure and major players in the Australian industry and the processes of production and distribution. In particular, this subject aims to provide students with an understanding of the role of the entertainment lawyer and the practical knowledge and skills required to handle the transactional issues associated with the production and distribution of creative content.

76021 Advanced Remedies

6ср

Requisite(s): [70311 Torts AND 70211 Contracts AND (70516 Equity and Trusts OR 70517 Equity and Trusts)]

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject deals with the range of self-help and court-ordered private remedies available to a plaintiff in civil proceedings. It brings together what students have studied or are studying in subjects such as equity, contract and tort into one coherent subject. A plaintiff often has more than one cause of action, and more than one remedy, and complete advice requires a comparison and evaluation of the alternatives. This subject aims to provide an understanding of the common law, equitable and statutory remedies available to a successful plaintiff, their interrelationship and the practical and theoretical considerations that underpin them.

The first half of the subject covers non-monetary remedies, commencing with self-help remedies, declarations and interlocutory relief. Enforceable (or coercive) non-monetary remedies, which are generally equitable or statutory, are then covered: the general remedies of injunction and specific recovery; and the mostly contract-specific remedies of specific performance, rectification, rescission and their statutory extensions. The remainder of the subject covers monetary remedies, generally described as 'damages', which are available in law and equity.

76022 Insurance Law

6cn

Requisite(s): 70211 Contracts AND 70311 Torts

There are also course requisites for this subject. See access conditions

Undergraduate

This subject examines the principles and rules that make up Australian insurance law. Its central focus is on the rights and liabilities of the insurer and the insured, as determined by their contract of insurance, the general law and statute. Concepts such as indemnity, subrogation, utmost good faith, the duty of disclosure, insurable interest, conditions and warranties lie at the heart of most insurance arrangements. The role of insurance intermediaries is examined. Some forms of insurance are mandatory under statute (e.g. motor vehicle compulsory third party insurance, workers compensation insurance, home warranty insurance), but are not studied in detail. The impact of the *Insurance Contracts Act 1984* (Cwlth) on the rights and liabilities of insurer and insured is substantial, affects most insurance contracts commonly entered into today, and is closely studied. In the final lecture the subject also overviews some of the specialist areas of insurance law in Australia and internationally.

Note(s)

This subject was formerly called Law of Insurance.

76023 Deceptive Trade Practices and Product Liability

6ср

Requisite(s): 70211 Contracts AND 70311 Torts

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

In this subject students consider the limitations on the operation of the Australian Consumer Law (ACL); liability under the ACL for misleading and deceptive conduct; remedies under the ACL and liability for unconscionable conduct.

76024 Environmental Law

6cr

Requisite(s): 70211 Contracts AND 70311 Torts

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

As a field of study, environmental law deals with the rules, relationships, systems and processes by which environmental protection is achieved. This subject grounds students in an introduction to the foundations of environmental law at the international, federal, state and local government levels. It introduces students to the nature and conceptual notions of environmental law with a view to enabling them to undertake more specialised courses in environmental law, either at the undergraduate or postgraduate level, such as water law and policy, international environmental law and international trade law and the environment. Topics covered in the subject include:

- the philosophy of environmental law
- international environmental law and domestic implementation of multinational environmental agreements
- constitutional support for environmental actions
- legislative framework at the federal, state and local government levels
- principles of ESD and courts interpretation of these principles
- the Environmental Protection and Biodiversity Conservation Act 2000 (Cwth)
- NSW pollution legislation, the Protection of the Environment Operations Act 1997
- system of regulation and management of natural resources in NSW
- case studies of current environmental issues
- environmental institutions and resolution of environmental disputes.

76025 International Organisations

6cp

Requisite(s): 70115 Perspectives on Law AND 70120 Legal Method and Research

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

The proliferation of intergovernmental and non-governmental organisations is one indicator of the internationalisation of social life and the interdependence of states in the early 21st century. This subject examines the principal legal issues concerning organisations composed of states. These include the legal status and powers of organisations, membership and participation, norm-creation, dispute settlement, enforcement of decisions, peace and security activities and finally the organisations' privileges and immunities as well as their legal status and powers under national law.

At the same time, the subject addresses real-world problems such as the creation of international criminal courts, the 'succession' of Russia to the USSR's seat on the UN Security Council, the response to the break-up of Yugoslavia, the jurisdictional issues in the Lockerbie-case, the possibility of judicial review of acts of the UN Security Council, the success of WTO dispute settlement, NATO action against Serbia in 1999, the military intervention in Afghanistan and Iraq in the aftermath of 9/11 and the UN administration of Kosovo and East Timor.

Primary consideration is given to the development of the United Nations. Other universal organisations such as ILO, the Bretton Woods institutions, WTO or ICAO, as well as regional ones such as the Council of Europe, the EU and others are also dealt with. This subject does not try to provide a comprehensive picture of all of these organisations, rather it aims at helping students understand the common legal problems faced by international institutions.

76027 Competition Law

6ср

Requisite(s): 70211 Contracts AND 70311 Torts

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject provides a comprehensive, in-depth and engaging examination of the economic and legal principles of competition law (also known as antitrust law or restrictive trade practices law) in Australia. It examines statute law, Part IV of the *Competition and*

Consumer Act 2010 (Cwlth) (CCA) (formerly Part IV of the *Trade Practices Act* 1974 (Cwlth) (TPA)), the decisions of the common law Courts in interpreting the Act, as well as some international treaties on antitrust law enforcement, of which Australia is a party. Current issues and recent cases on competition laws and policies in Australia are also examined.

The subject covers the economic functioning of markets, market power and competition; the relationship between antitrust-related statute law, common law and economics; the evolution and objectives of Australian competition law and the administration and enforcement of competition law, both nationally and internationally.

The subject also covers:

- an overview of the evolution of competition law, including the reasons for the competition law, the economic functioning of markets, market power and competition, the relationship between economics and competition laws, and the legislative feature of the Australian competition law
- an in-depth examination of major anti-competitive statutory conduct in Part IV of the CCA, including mergers/acquisitions, misuse of market power, exclusionary conduct, monopolistic agreements/arrangements, exclusive dealing, and resale price maintenance
- examination of the administration and enforcement of completion law in Australia, including the roles of the Australian Competition and Consumer Commission, the Australian Competition Tribunal and the Courts. It includes also authorisation and notification regimes, remedies for private litigants and other related matters
- examination of major international treaties on antitrust law enforcement, of which Australia is a party, and major international antitrust cases in which Australia is involved.

Typical availability

Spring semester, City campus

76030 Genetics and the Law

6ср

Requisite(s): 70115 Perspectives on Law AND 70120 Legal Method and Research

There are also course requisites for this subject. See access conditions.

This subject examines the scope and limitations of existing regulation of genetic technologies with respect to humans. It also considers recent scientific and technological innovations in the area of human genetics and the role and effectiveness of law in managing these new developments. The role of law as a means to control both the development of new genetic technologies and the utilisation of existing technologies is also evaluated. This includes a specific focus on individual decision-making versus responsibility for genetic risk, individual versus group rights, genetic privacy, genetic discrimination, reproductive autonomy, and ownership and control of genetic information and research developments. Specific issues covered include regulatory limits on the use of genetic screening of adults, children and newborns; prenatal genetic testing and genetic testing of adults and children; the regulation of genetic registers, protecting genetic information privacy and the problem of familial information; measures to control genetic discrimination in employment and insurance; the regulation of genetic research through the NHMRC guidelines and other means; the regulation of genetics in medical research including gene therapy, inheritable genetic modification, stem cell research and human somatic cell nuclear transfer (cloning technologies); and the establishment of biobanks and the concept of genomic property.

76033 Animal Law and Policy in Australia

6cp

Requisite(s): 70115 Perspectives on Law AND 70120 Legal Method and Research

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject examines the effectiveness of existing regulation in Australia with respect to animal welfare. Topics covered include: consideration of animals in the context of morality, science and the law; the historical development of animal law as well as an overview of animal regulation in Australia; the prevention of cruelty; and the legal status of animals. The material is presented against the backdrop of the animal welfare and rights debate, encouraging students to consider and evaluate whether the current regime fosters

accountability and ethical standards. In order to appraise Australia's regime more effectively, the subject also includes consideration of two topics at international and comparative levels. The first relates to advances in animal welfare introduced by the European Union, and the second relates to the impact on animal welfare by the rules of the international trade law regime, as typified by the World Trade Organization. The subject is designed to provide students with a sound understanding of the fundamentals of animal law including its application to companion animals, farm animals, wild animals and animals in laboratories.

76034 Law of Slavery and Human Trafficking

6ср

Requisite(s): 70616 Australian Constitutional Law AND 70120 Legal Method and Research AND 70115 Perspectives on Law These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Slavery and human trafficking are transnational crimes. This subject comprehensively explains and evaluates international and domestic responses to slavery and human trafficking within an international law and human rights framework. While the subject addresses international law, it does so with an appreciation of the practical application of the law. The subject draws students to a critical evaluation of the state's responsibility to protect and support, and develop effective criminal justice responses. Areas covered include: the legal definitions; the international legal framework; the intersection between migrant worker exploitation, slavery and trafficking; the gender implications of slavery; trafficking and refugee law; and trafficking as a crime against humanity. State responsibility at international law is reviewed to develop a sound knowledge of the state's obligations to protect and support as well as to promote the application of effective remedies. An effective domestic and international criminal justice response is critical in the development of a framework to prevent trafficking and ensure prosecution of transnational crimes. The dimension of slavery and trafficking – the link between such transnational crimes, economic opportunities, substandard working conditions and migration - is explored. Vulnerability to trafficking, the issues of demand and the supply chain, and corruption are addressed, as well as compliance standards, monitoring mechanisms and the role of civil society. Finally, the course concludes with consideration of a body of international literature which is critical to the implementation of anti-trafficking measures.

At the end of the course, students are expected to have a deep understanding of the principles of international law and their application within the Australian domestic context. Students also gain sophisticated insight and understanding of the application of international law through a comprehensive evaluation of selected areas of law.

76036 International Trade Law and the Environment

6cp; distance

Requisite(s): 70115 Perspectives on Law AND 70120 Legal Method and Research

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

The trade and environment debate conceals the problematic relationship between two legitimate interests of the international community. This subject introduces students to the significant interface between international trade liberalisation and the environmental imperative of ecologically sustainable development.

Initially the subject provides an overview of the frameworks of international trade law and environmental law and an insight into the philosophical underpinnings of both institutions. The subject considers the important role of developing countries in shaping the trade/environment debate.

The subject also considers the obligations imposed by the World Trade Organization (WTO) including the Agreements on Food Safety Standards, Technical Barriers to Trade and the Agreement on Trade Related Aspects of Intellectual Property Rights (TRIPS). The scope and operation of environmental exceptions that have been the subject of recent trade environment disputes in the WTO provide valuable insights into the area. The position of multilateral environmental agreements and the WTO is considered along with the serious implications for developing countries.

Particular specialty areas of concern are covered including ecolabelling, invasive species and intellectual property issues.

Upon completion of this subject students should be able to understand and analyse the current relationship between trade and environment, reflect in an informed manner on the future of the protection of the environment in the multilateral trade and investment regime and be able to critically assess the prospects for future harmonisation of global free trade regimes and ESD principles.

76037 Advanced Criminal Law

6cp

Requisite(s): (60 credit points of completed study in C04148 Master of Law and Legal Practice AND (70217 Criminal Law OR 70218 Criminal Law))

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject critically examines the major forms of crime which affect society today. In analysing such crime and society's response to it, the subject begins with an examination of the principles around which criminal laws are constructed and are said to operate. In this regard, the subject focuses not only on the law itself but also on its structures and institutions of control. Particular emphasis is placed on current law and order politics and the effect this has had on criminal law. To a certain extent the subject is also comparative, focusing in particular on crimes and social responses which are global in nature.

76038 Law and Mental Health

6cn

Requisite(s): 70311 Torts

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

This subject is designed to give students an introduction and overview of the interface between the disciplines of psychiatry and law. It examines how the empirical research and theories of psychiatry intersect with the application of legal principles and practices. As a result of successfully completing this subject, students should be able to translate personal and/or social issues concerning the study of mental illness into the practice of mental health law, and evaluate the efficacy of different perspectives in relation to contemporary debates about mental illness. Students should also demonstrate successful teamwork, involving the ability to participate in collaborative learning activities face-to-face as well as the development of independent learning skills.

76039 Jessup International Moot

6cp; availability: by invitation only

Requisite(s): 60 credit points of completed study in C04148 Master of Law and Legal Practice

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

 $This \, elective \, encourages \, participation \, in \, the \, Jessup \, International \, Moot.$ The moot is organised by the Association of Student International Law Societies, which operates under the auspices of the American Society of International Law in Washington. The workload involved is particularly demanding: the problems circulated are on complex and current issues of international law. Detailed research into both international and comparative law is essential to prepare complex pleadings for both sides with a maximum size prescribed. The work involved is certainly no less than that for a large research project. The memorials are assessed by memorial judges, often including distinguished teachers of international law. In addition, there is the opportunity to present oral submissions in the four preliminary rounds. The top eight teams move on to the final rounds. Because of the rules of the Jessup Moot, no assessment is available until after the conclusion of the Australian finals of the Jessup Moot each year. Further information about the mooting competitions that UTS: Law is involved in is available at:

www.law.uts.edu.au/students/current.html

76040 Research Thesis

6cp; availability: all students in LLB and LLB combined programs, and who are in line to receive their law degree with Honours Requisite(s): 70120 Legal Method and Research OR 70105 Legal Research

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject comprises the research and writing of a supervised thesis on an approved topic in law. The thesis is of a length within the range 8000 to 12,000 words. Undertaking this subject provides an opportunity for undergraduate law students to further develop and refine their legal research and writing skills, as well as explore and analyse a topic of law of their own choosing.

In most cases, the research thesis extends and develops research done in one, or more, of the elective subjects already undertaken. But in appropriate circumstances, a candidate may undertake a new topic.

It is a requirement under UTS: Law honours rules that this subject must be undertaken before a student can be awarded an undergraduate law degree with honours. Undergraduate students who are not in line to receive their law degree with honours are not normally approved to enrol in this subject. Students should consult the honours (see page 97) rules in the UTS: Handbook for information about requirements for the award of honours at graduation (note: from 1 January 2010 marks received for law exchange subjects are not included in any determination of marks either for application to undertake a research thesis or for the final award of the LLB with honours).

Typical availability

Autumn semester, City campus Spring semester, City campus

Note(s)

This subject was formerly called Research Project 4.

76041 Climate Law and Carbon Markets

6cr

Requisite(s): 70115 Perspectives on Law AND 70120 Legal Method and Research

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject examines climate change, which is one of the most pressing environmental problems of our era. It is a major business issue that is affecting law, policy and corporate behaviour. The Intergovernmental Panel on Climate Change (IPCC) has said that to avoid irreversible harm to the planet, we must stabilise greenhouse gas emissions, and this will involve a significant and rapid reduction in 'business as usual'. It will involve unprecedented cooperation at the international level as well as innovative national responses. This subject examines the potential role of the international and policy communities as well as the legal and business communities in confronting climate law. It analyses the existing and emerging legal rules and frameworks, both internationally and in Australia, the impacts of these on business and the response from industry. It critically evaluates the incentives for firms to comply and over-comply with environmental laws and participate in voluntary programs, and examines the role of business in adaptation measures and climate justice issues.

76042 Electronic Communications Content Regulation

6cp

Requisite(s): 70617 Administrative Law

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject explores the laws that affect participants in Australia's communications industries. Telecommunications, broadcasting and the print media have been the traditional focus of this subject; but the blurring of the boundaries of these media, in particular the exponential growth of the Internet, now requires a much broader approach. The subject is divided equally between the laws which affect the content (words, sounds and pictures) published/transmitted in these media, and the laws which affect the conduct of the corporations providing

communication services. The wide powers given to the ACCC to prevent anti-competitive conduct in a market which, until recently, Telstra dominated through a statutory monopoly, are examined. The *Broadcasting Service Act* 1992 (Cwlth), in particular electronic media censorship, and the complex provisions known as 'cross-media' rules are considered, as is the role of the Australian Broadcasting Authority, and industry self-regulation schemes.

76043 Building and Construction Law

6cn

Requisite(s): 70517 Equity and Trusts

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject examines the legal and commercial relationships that typically are brought into existence during residential and commercial building and construction projects. It examines the roles of the various project participants such as clients, project managers, design and engineering professionals, cost consultants, contractors and subcontractors with particular reference to their contractual roles and responsibilities. The subject canvases the various ways in which projects are procured with reference to various forms of contract and the risks associated with each procurement method. Students are also made aware of the various ways in which the practical and legal risks can be managed through effective risk distribution and contract drafting. Some aspects of the legislative framework within which both the residential and commercial sector operates will be considered together with examples of various practical applications. Suitable dispute resolution processes are explained together with the use of expert evidence in the litigation of building and construction disputes.

Typical availability

Autumn semester, City campus Spring semester, City campus

76045 Medicine and Law

6ср

Requisite(s): 70311 Torts

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subjects deals with the aspects of law relevant to health care. There are many issues that can arise as health law is an ever evolving and diverse area. It is subject to both local and overseas influences and regulation is challenging. When studying health law, many areas must be considered, such as: human rights, ethical practice, the advancement of medical technology, social policy, governance and the many vested interests. The subject examines the issues that confront health-care professionals and their patients and peers, in particular in the context of continuing systemic and resource problems. This includes the handling of complaints against health-care practitioners, the regulation of the various health professions, the outcome of parliamentary inquiries and the history and findings of the various royal commissions. Other important areas such as medical negligence, consent to treatment, access to and ownership of medical records, privacy and confidentiality, euthanasia, wrongful birth, wrongful life and abortion, complementary and alternative medicine, organ donation, public health law issues such as tobacco, alcohol and obesity are examined and discussed.

76047 Advanced Contracts

6ср

Requisite(s): (60 credit points of completed study in C04148 Master of Law and Legal Practice AND 70211 Contracts AND (70516 Equity and Trusts OR 70517 Equity and Trusts))

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject focuses on how contract law assists in the negotiation and enforcement of agreements, as well as the resolution of disputes arising out of agreements. It deals with selected areas of practical relevance and legal difficulty in the application of principles of contract law to various transactions (electronic transactions, uncertainty, the exercise of judicial discretion to fill gaps in agreements, implied terms,

good faith, breach and termination of contracts); the intervention of equity (estoppel, penalties, restitution, unconscionability); legislative intervention (*Competition and Consumer Act 2010* (Cwlth) (including schedule 2, Australian Consumer Law), *Fair Trading Act 1987* (NSW), *Contracts Review Act 1980* (NSW)); and the relationship between tort law and contract law.

76048 Citizenship and Immigration Law

6cr

Requisite(s): 70617 Administrative Law

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject promotes an analytic examination of major legal and policy issues in Australia. The subject deals with the development of a distinct Australian citizenship and Australian immigration law. A primary focus is on the analysis of constitutional law issues, the legislative framework, policy responses and examination of international law principles. Recent developments in Australian nationality and citizenship law are evaluated within the context of acquisition of Australian citizenship, passport control and the statutory concept of entry to Australia. Australian migration law is about the control of those who are not Australian citizens. This subject examines the legal and policy framework controlling Australian immigration including the development of the universal visa system, the operation of the Migration Act 1958 and Migration Regulations 1994, the distinction between lawful and unlawful non-citizens, visa acquisition and cancellation, the controversial character and deportation provisions and administrative and judicial review of adverse citizenship and immigration decisions. Specific themes include an analysis of the migration program, immigration detention, skilled and temporary visa entry, the national skill shortage, comparative guest worker schemes, humanitarian considerations, ministerial discretion, refugee visas, irregular migration, global trends, the status of migrant workers, people smuggling and human trafficking. The statutory scheme established to regulate migration agents is also reviewed. This subject aims to provide an understanding of:

- the historical development of citizenship and immigration law in Australia
- the effectiveness and fairness of Australian migration legislation and policy
- the legislative schemes: primarily the Migration Act and Migration Regulations, the *Australian Citizenship Act* 1973, relevant policy and case law
- the major permanent visa programs and temporary entry visas
- · visa refusal, cancellation and review
- acquisition, grant, loss and deprivation of Australian citizenship
- the operation of the Migration Agents Registration Authority.

76050 Commercial Trade and Transport Law

6ср

Requisite(s): 70211 Contracts AND 70317 Real Property There are also course requisites for this subject. See access

This subject examines the various sources of law that govern and impact upon the trade and transport of goods to and from Australia. The first part covers commercial maritime law. Topics examined include an overview of international trade processes; Australia's trade and transport industry; the international and Australian sources of law that regulate commercial shipping activities; maritime law concepts on the ownership, financing and arrest of ships; maritime transport documentation including bills of lading and charter parties; sources of liability; liability limitation; and marine insurance. The second part covers commercial aviation law. Topics examined include the international and Australian sources of law regulating the carriage of goods by air and aviation insurance. The subject concludes by examining recent international developments relating to the multimodal transport of goods.

Typical availability

76052 Dispute Resolution Advocacy

6cp

Requisite(s): 70516c Equity and Trusts OR 70517 Equity and Trusts These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject deals with the jurisprudence of dispute resolution, and the theory, dynamics and essential characteristics of the major dispute resolution processes, so that effective strategies for resolving a wide range of disputes can be formulated. There is a two-day intensive weekend component in the course for negotiation and mediation exercises and simulations. The subject's emphasis is on the role of lawyers in dispute resolution processes; advising clients on, and preparing clients for, suitable dispute resolution processes; the institutionalising of dispute resolution processes; the nature of disputes and the theoretical, ethical and practical issues.

Typical availability

Autumn semester, City campus

76053 Industrial Law

6cr

Requisite(s): 70616 Australian Constitutional Law AND 70311 Torts These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject examines collective aspects of Australian work law with a principal focus on the federal legislative collective work relations system. Industrial law is an important component of studies in the legal regulation of commerce. Students are introduced to the key aspects of law which determine the rights, entitlements and responsibilities governing the relationship between employers, on the one hand, and groups of workers and their trade unions on the other. Both practical and theoretical perspectives on industrial law are examined, and where appropriate, comparison of Australian industrial law with relevant international standards and law in overseas jurisdictions is made. Topics include: the history and constitutional basis of Australian industrial law; international standards and Australian industrial law; the safety net of minimum terms and conditions; agreement-making; collective bargaining; industrial action; freedom of association; transfer of business; and information, consultation and decision-making rights.

76055 Mining Law and Regulation

6cp

Requisite(s): 70417 Corporate Law AND 70317 Real Property There are also course requisites for this subject. See access conditions.

This subject examines the various Australian laws and regulations that govern and impact upon investment in the mining industry. Topics examined include: the history, development and current status of mining regulation in Australia; key mining law concepts – such as the ownership of minerals, mining tenements, mining claims, and the regimes for the payment of royalties; the State and Territory licensing regimes governing mineral exploration and extraction; and the laws governing investment across the life cycle of mining operations (exploration, set up of mining operations, extraction of minerals, the sale and export of minerals, and the sale of mining assets). This includes the relevant provisions of the *Corporations Act* 2001 (Cwlth) relating to corporate fundraising (Ch 6D) and mergers and acquisitions (Ch 6); the *Foreign Acquisitions and Takeovers Act* 1975 (Cwlth); the ASX Listing Rules, and the JORC Code for the Reporting of Mineral Resources and Ore Reserves. The subject also examines the use of joint venture structures in the mining industry.

Other issues examined include native title, environmental law considerations, infrastructure access, the regimes for the onshore and offshore extraction of petroleum and gas, and the legal framework for dispute resolution. The subject concludes by briefly examining some of the current issues impacting on the Australian mining industry such as carbon taxing and trading, and the proposed Mining Resources Rent Tax.

The subject involves a comparative consideration of the laws across the Australian states and territories and is not limited to New South Wales.

Typical availability

Autumn semester, City campus Spring semester, City campus

76056 Intellectual Property Commercialisation Overview

6ср

Requisite(s): 78025 Intellectual Property: Law and Policy These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

This subject aims to provide a comprehensive survey of much of the law and some of the business and economics of commercialising and licensing Intellectual Property (IP) rights. The course is interdisciplinary as it explores the business and economic aspects of IP licensing and investment in IP development in the context of a detailed legal framework for IP licensing and investment. It includes consideration of relevant IP laws, competition law, compulsory and voluntary licensing, contract and consumer laws, personal property security (PPS) law, foreign investment laws, and selected issues in international practice. Moreover, the course involves practical skills training in drafting and negotiating licenses as well as practice focused exercises that will give students a better sense of the deal making process in licensing transactions both in Australia and abroad.

This subject includes three parts. Part I explores the business and economic aspects of IP commercialisation and licensing, including the connection of IP and economic development, the scope of a license, how licensors make money, and how business people estimate the economic value of IP and licensing rights. Part II discusses legal considerations in IP commercialisation and licensing, including relevant IP law in both international and domestic levels, competition law, laws related to licensing, IP valuation and securitisation, and selected issues in international practice, including jurisdiction and law enforcement. Part III involves practice or 'skills' training in negotiating and drafting licenses and getting a 'sense of the deal' in licensing transactions.

Typical availability

Autumn semester, City campus Spring semester, City campus

76063 Media Law

6ср

Requisite(s): 70311 Torts

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject looks at legal regulation of media content. Throughout the subject, students analyse laws that restrict what the media can publish or distribute. Topics include freedom of speech, defamation, contempt, hate speech and vilification, obscenity and pornography, sedition and the regulation of the internet. Through close examination of cases and literature, students are required to critically consider the nature of power, democracy and liberalism, as they relate to law and the mass media.

76066 Children and the Law

6cp

Requisite(s): ((70217 Criminal Law OR 70218 Criminal Law) AND 70311 Torts AND 70616 Australian Constitutional Law) These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This elective subject is designed to enhance undergraduate studies in core law subjects as they relate to children; in particular constitutional law, criminal law, contracts, torts and the law of evidence. It also complements elective studies in family law and succession. The subject has been designed to combine both a theoretical and a vocational approach to the study of these issues and not only benefits students interested in these issues, but also those students considering a career in legal practice and/or the delivery of children's legal services.

The emphasis is on issues such as child development theory, children's rights, juvenile justice, care and protection, education rights and responsibilities, and the legal representation of children. Issues such as adoption, employment, property ownership and succession issues, civil liability, and medical procedures and treatment may be covered

in assessment options. This is not a strictly 'black letter' subject; the present law in New South Wales is considered as well as the historical development of laws relating to children, proposed reforms, and comparative material from other jurisdictions. Material from other disciplines, such as criminology, sociology, and developing brain research is also incorporated, as appropriate.

76068 Indigenous Peoples and the Law

6cp

Requisite(s): ((70120 Legal Method and Research OR 70105 Legal Research)) OR (70110 Introduction to Law AND 76006c Public International Law)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

The relationship between Indigenous peoples and the law goes to the foundation of Australia's legal and political identity. This subject considers a range of historical and current issues between Indigenous peoples and the law. Competition for land ownership has defined and driven race relations in Australia. This subject examines the historical dispossession of Indigenous people with reference to how this has impacted on current legal relations and debates. Aboriginal and Torres Strait Islander peoples' dispossession by law and war, together with the Mabo decision, is evaluated. Land rights legislation, native title legislation and subsequent common law developments are also considered. Indigenous Australians are also the most incarcerated people in the world.

Considering this, their relations with the criminal justice system with particular reference to community police relations is discussed. Also, the policies of dispersal of communities and the forced removal of children from their families are considered, with particular reference to current impacts in areas such as welfare law, juvenile justice and family law. The issue of self determination is also considered in depth. Between 1972 and 1995 all federal governments had a policy of self determination with regard to Indigenous peoples. The meanings and implications of this policy are examined in the context of self determination policies in comparable countries such as Canada and the United States. Consideration is given to the formation and role of Indigenous corporations, Australian and Canadian models of self government, the Aboriginal and Torres Strait Islander Commission (ATSIC) and international standards and developing norms with respect to self determination. In light of the Australian Government's decision in 2004 to abolish ATSIC, the shift from policies of self determination to 'practical reconciliation' is also evaluated.

76069 Community Justice Studies

6ср

Requisite(s): 70617 Administrative Law

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

Community Justice Studies fosters vital legal skills. The subject is taught in two parts. First, students review contemporary literature about the practice of public law within a social justice and community context. Key areas include the ethics of practice, identification of areas of legal need in the community and access to justice. Second, students choose to engage in a public law or community activity from a broad range of options. For example, students are encouraged to engage in practice-based learning and may elect to further their experience through a relevant work placement. Students may also prepare community legal education for community groups. Students in this elective research, develop and deliver plain language presentations or short courses about legal issues for communities. Community legal education focuses on practical law, affecting members of communities in their daily lives, including consumer protection law, tenancy law, health law, domestic violence, dispute resolution, apprehended violence orders, succession, immigration law and other areas. Research is a critical skill and this subject allows students to develop policy, analytical and legal skills by completing a research publication such as a law reform submission or submission to a parliamentary committee. The subject introduces students to the dynamics of law reform and community engagement and fosters an understanding of the practice of public or community-based law by giving students an experience and direct knowledge of the law in practice.

Typical availability

Autumn semester, City campus Summer session, City campus

76070 Biomedical Law and Bioethics

6cn

Requisite(s): 70120 Legal Method and Research OR 70105 Legal Research

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject analyses the effectiveness of law in regulating new medical developments. The subject examines the impact that emerging biomedical technologies have on society and explores legal solutions that deal with the challenges presented by such technologies. A diverse and wide range of biomedical issues are considered, such as genes, cloning, euthanasia, medical experimentation and research, reproductive technology and surrogacy.

76074 Australian Civil Liberties Law

6ср

Requisite(s): ((70217 Criminal Law OR 70218 Criminal Law) AND 70616 Australian Constitutional Law)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject aims to acquaint students with case and statute law relevant to the protection of civil liberties in Australia. It explores the relationship and dynamic between the individual and the state in a legal and political framework. It examines the institutions (at a Commonwealth and state level) and organisations established to protect civil liberties and legal issues associated with their operation. Students become acquainted with current legal issues in the protection of civil liberties in Australia and research issues using Australian and comparative legal material and non-legal materials. Topics are discussed in an informal but considered way.

76075 Contemporary Legal Studies 1

6c

For subject description, contact UTS: Law.

76076 Contemporary Legal Studies 2

6cp

For subject description, contact UTS: Law.

76080 Finance Law

6ср

Requisite(s): 70417 Corporate Law AND 70517 Equity and Trusts AND 70327 Commercial Law

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

This subject considers the legal framework within which commercial enterprises raise debt finance. Various forms of secured and unsecured finance are considered, including project and asset financing arrangements and securitisation. Methods for protecting unsecured loans are also covered including negative pledge lending, guarantees and debt subordination agreements. The subject provides a detailed examination of the new *Personal Property Securities Act* 2009 (Cwlth). Key aspects of tax and insolvency law as well as cross border issues are also discussed.

76081 Gender, Law and Sexuality

6ср

Requisite(s): ((70120 Legal Method and Research OR 70105 Legal Research)) OR (70110 Introduction to Law AND 76006c Public International Law)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject explores legal issues regarding sexuality and gender in a cross-doctrinal and interdisciplinary context. The subject introduces students to legal scholarship that takes a feminist perspective and

considers the multitude of ways in which law constructs and regulates individuals and families by reference to their gender and sexuality. In doing so, the subject traverses and re-traverses various legal doctrinal areas, such as criminal law, international law, family law, anti-discrimination law and so on. However, the focus is not on the legal rules as such, rather the purpose of the subject is to provide a solid theoretical foundation that enables students to understand links between various legal doctrines and practices that have contributed to inequality.

76082 International Regulation of Financial Institutions

6cn

Requisite(s): 70417 Corporate Law

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Undergraduate

Although the activities of financial institutions (FIs) are frequently international in nature, governments have traditionally viewed FIs and their regulations as a national matter. During the recent Global Financial Crisis (GFC) the financial markets of the world came to a standstill and liquidity virtually vanished. Government intervention by a number of nations eventually prevented a total collapse. Thus, the GFC forced recognition of its international dimension and of the interconnectedness of all financial markets and most major FIs.

This subject deals with the nature of the proposals adopted to prevent a subsequent GFC. A number of steps have been taken, but the US enactment of the *Dodd-Frank Act* (DFA), in particular, may be viewed as a template for developing an international FI regulatory regime. The subject is designed to provide: an analysis of the GFC and its causes as well as the world economy out of which it grew; a description of the international regime following the DFA and actions taken by other significant economies; a brief description of the ways in which hortatory declarations are implemented by domestic action; insight into the vitally important Basel Capital Accords; and treatment of the equally important international/domestic accounting requirements.

Typical availability

Spring semester, City campus

76112 Conflict of Laws

6ср

Requisite(s): 70311 Torts AND 70616 Australian Constitutional Law There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject examines the interaction of two or more legal systems, specifically focusing on the international jurisdiction of the Australian courts, the recognition and enforcement of foreign judgments and decrees, and the problem of choice of law as it arises with respect to areas such as marriage, matrimonial causes, contract, torts, inter vivos property transactions and succession.

The subject also deals with choice-of-law issues as they arise between the Australian states.

76115 Insolvency

6ср

Requisite(s): 70120 Legal Method and Research

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Undergraduate and Postgraduate

This subject provides an introduction into the protection and regulation of insolvent individuals and corporations. The subject aims to discuss insolvency within the social context and impact of insolvency law. Students examine the legal procedure involved in insolvency law (such as bankruptcy petitions, lodging proofs of debt and distribution of insolvent estates) as well as the impact of insolvency upon stakeholders such as employees, unsecured creditors, and individual and corporate debtors.

Both individual and corporate insolvency are examined. All aspects of personal and corporate insolvency will be discussed but the subject places particular emphasis on discussing powers of insolvency administrators, voluntary administration, liquidation and the rights of creditors.

76212 Revenue Law

6cr

Requisite(s): ((70417 Corporate Law AND 70617 Administrative Law) OR 70327 Commercial Law)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

In this subject students examine the legal principles that relate to revenue law in Australia. Topics covered include the structure and sources of tax law in Australia; tax policy and tax reform; income - concepts of income, income from labour, property and business, statutory extensions to the income base; deductions - general and specific deductions, substantiation; capital gains tax; fringe benefits tax; tax accounting; tax administration; tax avoidance and ethics.

76516 Family Law

6cn

Requisite(s): 70616 Australian Constitutional Law AND 70317c Real Property

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This elective subject introduces undergraduate students to the principles that govern the laws, rights and obligations of parties in parenting and/or interpersonal relationship disputes. The legal recognition and regulation of different types of domestic relationships and families, including married, de facto (same-sex and opposite-sex) and other domestic relationships is considered. The subject covers four main areas:

- the historical and current development of family law, including constitutional and jurisdictional issues; and principal relief (divorce and nullity)
- children and parental responsibility (parenting disputes)
- spousal maintenance and child support (family support)
- claims and agreements in relation to property (property settlement).

The subject combines both a theoretical and a vocational approach to the study of these issues, which not only benefits students interested in these issues, but also those students considering a career in legal practice and/or the delivery of family law-related services. Emphasis is also given to the practical and social policy issues in each of these areas, including the impact of family violence and the growing awareness of children's rights.

76517 Succession

6ср

Requisite(s): 70516 Equity and Trusts OR 70517 Equity and Trusts These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject takes both a theoretical and practical approach to the study of the law of wills. The formal requirements for a valid will are considered, as well as the circumstances where those requirements may be dispensed with by the Court, such as death bed or suicide notes which purport to pass property upon death.

The legislative framework for the law of succession in NSW is considered in detail, including the consequences of the failure to have made a will or where a Court determines that a will was invalid, for example where the will-maker (testator) was suffering from a dementing type illness at the time the will was made.

There is a particular focus upon the tensioning between the concept of freedom of testamentary disposition and the provisions of Chapter 3 of the *Succession Act* which permit certain classes of eligible person to make a claim to part of an estate even if cut out of a will by a displeased testator. This focus upon the themes of testamentary freedom, forced succession and familiar responsibility invite students to consider what is meant by 'family', including blended families and the status of adopted, IVF and surrogate children in the scheme of succession to property in NSW.

76521 Intellectual Property and Traditional Knowledge

6ср

Requisite(s): 70516 Equity and Trusts OR 70517 Equity and Trusts These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject considers the nature of traditional knowledge, how intellectual property in this area is protected under the Australian legal framework, and the development of strategies for its protection. The subject includes an overview of the international treaty framework, relevant Australian legislation and concerns for Australian Indigenous peoples such as appropriation of Indigenous arts and culture, language, spirituality, biodiversity, biotechnology, medicinal knowledge, film and music.

76703 Indigenous Peoples, the Environment and Property

6cr

Requisite(s): [70317 Real Property OR [70110 Introduction to Law

AND 76006c Public International Law])

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject examines the relationship of Aboriginal and Torres Strait Islander customary rights and the development of Indigenous land rights. The subject examines developments in land rights legislation, the recognition of native title and legislative and common law developments in land rights and native title. Topics include the evidence of Aboriginal and Torres Strait Islander customs and traditional law; statutory recognition of aspects of customary law including traditional interests in land or items of cultural heritage, traditional hunting, fishing and gathering rights; issues as to the admissibility of evidence pertinent to the veracity of Aboriginal and Torres Strait Islander customs and traditional law; legal proceedings relating to Aboriginal land claims; assertion of common law title to land; legal proceedings relating to Aboriginal land claims, the effect of the decision of the High Court in Mabo v Queensland (No 2) 1992, the Native Title Act 1993 (Cwlth), amendments to the Native Title Act 1993 (Cwlth) and recent developments.

76801 Exchange Subject 1

6ср

Requisite(s): 70516 Equity and Trusts OR 70517 Equity and Trusts These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

International exchange offers students the option to complete part of their study in another country and receive credit towards their degree at UTS. UTS: Law participates in the UTS international exchange program that is administered by UTS: International Studies. Under the program, law students have the opportunity to undertake three or four law options at an exchange partner university. Applicants for exchange must have their study at the exchange partner university approved by UTS: Law's exchange director. The subject studied at the exchange partner university should have relevance to a student's course of study, and be taught and assessed in an acceptable format. Subjects of an international or comparative nature are preferred. Further information is available at:

www.uts.edu.au/international/exchange

Typical availability

Autumn semester, City campus

Note(s)

Enrolment in additional international exchange subjects requires enrolment in additional exchange subject numbers: 76802, 76803, 76804.

76802 Exchange Subject 2

6ср

Requisite(s): 70516 Equity and Trusts OR 70517 Equity and Trusts These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

International exchange offers students the option to complete part of their study in another country and receive credit towards their degree at UTS. UTS: Law participates in the UTS international exchange program that is administered by UTS: International Studies. Under the program, law students have the opportunity to undertake three or four law elective subjects at an exchange partner university. Applicants for exchange must have their study at the exchange partner university approved by UTS: Law's exchange director. The subject studied at the exchange partner university should have relevance to a student's course of study, and be taught and assessed in an acceptable format. Subjects of an international or comparative nature are preferred. Further information is available from:

www.uts.edu.au/international/exchange

Typical availability

Autumn semester, City campus Spring semester, City campus

Note(s)

Enrolment in additional international exchange subjects require enrolment in additional exchange subject numbers: 76801, 76803, 76804.

76803 Exchange Subject 3

6ср

Requisite(s): 70516 Equity and Trusts OR 70517 Equity and Trusts These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

International exchange offers students the option to complete part of their study in another country and receive credit towards their degree at UTS. UTS: Law participates in the UTS international exchange program that is administered by UTS: International Studies. Under the program, law students have the opportunity to undertake three or four law elective subjects at an exchange partner university. Applicants for exchange must have their study at the exchange partner university approved by UTS: Law's exchange director. The subject studied at the exchange partner university should have relevance to a student's course of study, and be taught and assessed in an acceptable format. Subjects of an international or comparative nature are preferred. Further information is available from:

www.uts.edu.au/international/exchange

Typical availability

Autumn semester, City campus

Note(s)

Enrolment in additional international exchange subjects require enrolment in additional exchange subject numbers: 76801, 76802, 76804.

76804 Exchange Subject 4

6ср

Requisite(s): 70516 Equity and Trusts OR 70517 Equity and Trusts These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Undergraduate and Postgraduate

International exchange offers students the option to complete part of their study in another country and receive credit towards their degree at UTS. UTS: Law participates in the UTS international exchange program that is administered by UTS: International Studies. Under the program, law students have the opportunity to undertake three or four law elective subjects at an exchange partner university. Applicants for exchange must have their study at the exchange partner university approved by UTS: Law's exchange director. The subject studied at the exchange partner university should have relevance to a student's course of study, and be taught and assessed in an acceptable format.

Subjects of an international or comparative nature are preferred. Further information is available from:

www.uts.edu.au/international/exchange

Typical availability

Autumn semester, City campus Spring semester, City campus

Note(s)

Enrolment in additional international exchange subjects requires enrolment in additional exchange subject numbers: 76801, 76802, 76803.

76900 Moot

6cp; availability: by invitation only Undergraduate and Postgraduate

UTS: Law offers students the opportunity to participate in a variety of mooting competitions, both within Australia and overseas. Students enrol in this subject in cases where participation in a mooting team is counted as credit towards their degree. UTS: Law calls for expressions of interest from students to participate in a variety of moot competitions.

76901 Vis Arbitral Moot

6cp; availability: by invitation only Undergraduate and Postgraduate

The Willem C Vis International Commercial Arbitration Moot is an international moot that takes place every April in Vienna. Named in honour of Professor Willem Vis, a world-recognised expert in international commercial transactions and dispute settlement procedures, this moot is an acknowledgment of the business community's marked preference for resolving international commercial disputes by arbitration. This method of dispute resolution is offered as the clinical tool to train law students through two crucial phases: the writing of memorandums for claimant and respondent, and the hearing of oral argument based upon the memorandums. The forensic and written exercises require determining questions of contract - flowing from a transaction relating to the sale or purchase of goods under the United Nations Convention on Contracts for the International Sale of Goods and other uniform international commercial law - in the context of an arbitration of a dispute under specific arbitration rules. There are currently 79 law schools from 30 countries that send teams to Vienna. It is an excellent opportunity for students to learn an extremely valuable commercial skill, and a rare chance to meet and to form valuable professional friendships with a range of law students from around the world. Further information is available at:

www.cisg.law.pace.edu/vis.html

76902 Law and Literature

6ср

Requisite(s): 70120 Legal Method and Research AND 70115 Perspectives on Law

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

This subject approaches important questions from jurisprudence, philosophy and legal theory through a consideration of law's relationship to literature. Lectures relate key cases of the last hundred years to key works of literature, indicating ways in which we might think of the relationship between law and literature. Students engage in a rigorous process of reading and discussion that includes some of the most fascinating and thought provoking literary works of the last century, including works by Franz Kafka, Toni Morrison, Truman Capote and Harper Lee. Using these texts students will think about questions of justice related to central problems and traumas of recent times: the Holocaust, the death penalty, slavery and the Stolen Generations.

Students develop important skills in critical thinking and writing as part of these investigations, and their own deep responses to the following questions. What is justice, and how do law and literature provide different answers to justice? What is the law's relationship to violence? How does the law regulate the individual's relationship to their community? How are moral questions addressed by the law? In what ways can it be said that literature judges the law, and what might we do with these judgments?

76903 International Commercial Transactions

6cp

Requisite(s): 70327 Commercial Law

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject provides an overview of international business transactions and the framework for international regulation of commercial transactions. Furthermore, the subject provides an overview of international trade organisations (e.g. WTO, EU) and the uniform law applicable to international sale of goods (CISG).

Other key themes in the subject include aspects of the international regulation of trade in goods: WTO; an overview of licensing transactions and licensing into the EU; an overview of foreign direct investment and issues of investing in Europe.

The subject also provides an introduction to dispute resolution issues; and an overview of trans-boundary dispute resolution.

76904 Price International Media Law Moot

6cp

The Monroe E. Price International Media Law Moot aims to expand knowledge in international media law and policy.

Students will develop expertise in arguing a case before an international bench of judges from different legal systems and backgrounds.

Participants in the international rounds operate in a world where a Universal Court of Human Rights has been established to ensure the citizens of the United Nations are enjoying the rights enshrined in the Universal Declaration of Human Rights. In this world, the Universal Court of Human Rights substitutes all jurisdictions of all other regional courts and becomes the final adjudicator when all national remedies have been exhausted.

Students participating in the moot gain an understanding of issues of international human rights, US constitutional law and the law of various nations as they impact on freedom of speech, privacy and regulation of media content.

The international rounds are held at Oxford University and involve teams from law schools in Europe, Asia, the Middle East and the US. UTS: Law calls for expressions of interest from students in July each

Typical availability

Autumn semester, City campus Spring semester, City campus

77688 Doctoral Dissertation (SJD)

Оср

Postgraduate

This subject develops theoretical understandings and practical applications of research across the discipline of law and related fields. Emphasis is placed on currency in legal research and the application of appropriate research methodologies. Further information is available from:

Faculty research officer telephone +61 2 9514 3753 fax +61 2 9514 3400 email law.research@uts.edu.au www.law.uts.edu.au

77696 PhD Thesis: Law

Оср

This subject develops theoretical understandings and practical applications of research across the discipline of law and related fields. It explores the traditional boundaries of legal research within the development and application of empirical methodologies. Emphasis is placed upon currency in legal research, the application of quantitative and qualitative methodologies to legal research and refining research skills in interdisciplinary areas with application to legal research. Further information is available from:

Research officer telephone +61 2 9514 3753 fax +61 2 9514 3400 email law.research@uts.edu.au www.law.uts.edu.au

77697 Higher Degree Research Seminar

8ср

This subject is designed to prepare higher degree research students in law for undertaking and writing a research thesis. Through a series of seminars and workshops, students are provided with a thorough grounding in the components of an effective research strategy and positioned to produce a written research proposal directed towards preparation for their Candidature Assessment at the end of stage one.

77698 Thesis (Law)

Оср

This subject develops theoretical understandings and practical applications of research across the discipline of law and related fields. Emphasis is placed on currency in legal research and the application of appropriate research methodologies. Further information is available from:

Faculty research officer telephone +61 2 9514 3753 fax +61 2 9514 3400 email law.research@uts.edu.au www.law.uts.edu.au

77701 International Economic Law (PG)

6cp

Requisite(s): ((70115 Perspectives on Law AND 70120 Legal Method and Research) OR 77885c Legal Process and Legal Research OR 60 credit points of completed study in C04148 Master of Law and Legal Practice)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

Increasing globalisation of commercial and social engagements is creating a greater need for lawyers to understand the nature and extent of global legal regulation and, in the commercial context, the operation of various domestic and transnational laws in relation to international trade. This subject is designed to help students develop an understanding of the law governing the international economy and relations between participants in that economy. The concept of international economic law is examined. Topics include specific resource issues such as the common heritage; international legal regulation of investment, finance and trade; relevant institutions such as the International Monetary Fund, the World Trade Organization; and the relationship between national and international economic law involving such concepts as extraterritoriality and sovereign immunity.

77704 European Union Law

6cp

Requisite(s): (70616c Australian Constitutional Law OR 77885c Legal Process and Legal Research OR (70110 Introduction to Law AND 76006c Public International Law))

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject deals with the laws and institutions of this supra-rational organisation. Topics discussed include the activities of the European institutions; the political and economic origins of the EU and its institutional structures (with emphasis on the European Court of Justice); the interrelationship between community law and the law of the member states; and the free movement of goods, workers, capital and services.

The subject concentrates on the emerging transnational protection of social and economic rights and the jurisprudence of the European Court of Justice.

77715 Banking Law

6cp

Requisite(s): ((70327c Commercial Law OR 70318c Personal Property)) OR 77885c Legal Process and Legal Research OR (70115 Perspectives on Law AND 70120 Legal Method and Research) These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject concentrates on relations between banking institutions and their customers. Additional topics examined are drawn from the following: the regulatory framework within which banking institutions operate and the activities of banking institutions including cheques, bills of exchange, foreign currency transactions and secured and unsecured lending.

77716 International Trade Law

6cn

Requisite(s): 70616c Australian Constitutional Law OR 77885c Legal Process and Legal Research

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Postgraduate

The rules of the World Trade Organization (WTO) underpin the conduct of international trade in about 150 countries and have direct relevance for governments, businesses and individuals. This subject covers a brief introduction of the WTO followed by a more detailed analysis of private international trade transactions.

The subject primarily focuses on the Australian application of trade rules and domestic and international laws governing international transactions

On completion of this subject, students have developed an understanding of the basic legal principles underpinning the multilateral trading system and an understanding of the application of the law to international transactions.

Typical availability

Autumn semester, City campus Spring semester, City campus

77724 International Banking and Finance Law

6ср

Requisite(s): ((70120 Legal Method and Research AND 70115 Perspectives on Law) OR 77885c Legal Process and Legal Research OR 60 credit points of completed study in C04148 Master of Law and Legal Practice)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject is important for students wishing to understand the transnational nature of corporate finance and regulation, and the central place of banks and other financial intermediaries in the globalisation of commerce. The subject is an advanced study of types of cross-border finance, regulation of banking between countries and regions, foreign exchange and derivative markets, and international financial and banking policy. Case studies cover the US, European Union, East Asia and emerging markets, with a focus on whether globalisation of banking and finance has beneficial or detrimental social consequences and whether convergence to a single international financial system is desirable or even possible.

Topics covered in the subject include:

- international banking/finance systems
- US securities/banking markets: international aspects
- the Bank for International Settlements, Basel Accord and capital adequacy
- East Asia: Japanese and Chinese banking/capital markets
- risk control: foreign exchange, hedging, derivatives, operational risk
- emerging markets and the debt crisis

- privatisation and the IMF/World Bank
- Europe: Monetary Union and securities/banking markets
- convergence and the globalisation of banking and finance.

This is a semi-intensive subject offered on four Saturdays during the semester.

777251 Research Project 1 (PG)

6cp; availability: must be completed by Master of Legal Studies, Master of International Law, Master of Dispute Resolution, Master of Law and Legal Practice; candidates should have completed at least 24 credit points (60 credit points for Master of Law and Legal Practice) and maintained an average grade of 75 per cent or greater, and Master of Laws (only for LLM students enrolled in 2007 and prior)

Requisite(s): 60 credit points of completed study in C04148 Master of Law and Legal Practice

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

Candidates must research and write a paper of approximately 12,000-15,000 words at a standard suitable for publication on a topic approved by UTS: Law. In most cases, the research project extends and develops research done in one or more of the elective subjects already undertaken, but in appropriate circumstances a candidate may undertake a new topic. Students are not permitted to enrol in the research project until written approval has been obtained from the subject coordinator.

The research project is completed over two consecutive semesters. Candidates enrol in this subject in the first semester of enrolment and 777252 Research Project 2 in the following semester. A final grade is not recorded against this subject until completion of 777252 Research Project 2.

777252 Research Project 2

6cp; availability: must be completed by Master of Legal Studies, Master of International Law, Master of Dispute Resolution, Master of Law and Legal Practice; candidates should have completed at least 24 credit points (60 credit points for Master of Law and Legal Practice) and maintained an average grade of 75 per cent or greater, and Master of Laws (only for LLM students enrolled in 2007 and prior)

Requisite(s): 60 credit points of completed study in C04148 Master of Law and Legal Practice

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: 777251 Research Project 1 (PG)

Candidates must research and write a paper of approximately 12,000-15,000 words at a standard suitable for publication on a topic approved by UTS: Law. In most cases, the research project extends and develops research done in one or more of the elective subjects already undertaken, but in appropriate circumstances a candidate may undertake a new topic. Students are not permitted to enrol in the research project until written approval has been obtained from the subject coordinator.

The research project is completed over two consecutive semesters. Candidates enrol in 777251 Research Project 1 (PG) in the first semester of enrolment and this subject in the following semester. A final grade is not recorded against 777251 Research Project 1 (PG) until completion of this subject.

77734 Law and Medicine

6ср

Postgraduate

This subject deals with the aspects of law relevant to health care. There are many issues that can arise as health law is an ever evolving and diverse area. It is subject to both local and overseas influences and regulation is challenging. When studying health law, many areas must be considered, such as: human rights, ethical practice, the advancement of medical technology, social policy, governance and the many vested interests. The subject examines the issues that confront health-care professionals and their patients and peers, in particular

in the context of continuing systemic and resource problems. This includes the handling of complaints against health-care practitioners, the regulation of the various health professions, the outcome of parliamentary inquiries and the history and findings of the various royal commissions. Other important areas such as medical negligence, consent to treatment, access to and ownership of medical records, privacy and confidentiality, euthanasia, wrongful birth, wrongful life and abortion, complementary and alternative medicine, organ donation, public health law issues such as tobacco, alcohol and obesity are examined and discussed.

77740 Research Paper

6cp; availability: Master of Laws, Master of Law and Legal Practice, Master of International Law, Master of Industrial Property, Master of Dispute Resolution, Master of Legal Studies, Graduate Diploma in Legal Studies, Graduate Certificate in International Law, Graduate Certificate in Dispute Resolution; candidates should have completed at least 24 credit points (60 credit points for Master of Law and Legal Practice) and maintained an average grade of at least 65 per cent Requisite(s): 60 credit points of completed study in C04148 Master of Law and Legal Practice OR 77896 Legal Process and Intellectual Property Overview OR 77905 Preparing for Intellectual Property Practice OR 70717 Evidence and Criminal Procedure

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

Candidates must research and write a paper of approximately 8000-12,000 words at a standard suitable for publication on a topic approved by UTS: Law. In most cases, the research paper extends and develops research done in one or more of the elective subjects already undertaken, but in appropriate circumstances a candidate may undertake a new topic. Students are not permitted to enrol in the research paper until written approval has been obtained from the subject coordinator. The application form and written proposal must be submitted by the Friday of week 12 of the preceding semester. Thus for students undertaking the paper in the Autumn semester, this is towards the end of October of the preceding year. For students undertaking the paper in the Spring semester, this is towards the end of May of that same year. Further information about the application procedure and proposal is available from:

www.law.uts.edu.au/research/coursework

Note(s)

This research paper may be used toward partial fulfilment of the award of honours for Juris Doctor (C04236) (see page 354) students only.

77745 Negotiation

6ср

Requisite(s): 60 credit points of completed study in C04148 Master of Law and Legal Practice AND 79771c Dispute Resolution These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

conditions.

Postgraduate

This subject is taught in a four-day intensive block which is designed to provide an understanding of the theory and skills of negotiation. It covers the diverse approaches to negotiation, with a focus on principled negotiation as taught by the Harvard Law Faculty's Negotiation Project. This subject brings together the current theories and practice in negotiation skills and analysis with an emphasis on identifying effective negotiation strategies.

This subject covers topic areas that include:

- distributive and integrative bargaining
- principled negotiation theory and practice
- pre-negotiation analysis, preparation and participation
- the challenges of complex negotiations including agency and team issues, negotiating behaviour and communication issues
- coalition dynamics
- risk assessment
- · trust and good faith issues.

The assessment is centred on the opportunity to workshop and evaluate a chosen scenario developed in conjunction with a supporting critique of selected negotiation theories.

77746 Advanced Mediation

6cr

Requisite(s): 60 credit points of completed study in C04148 Master of Law and Legal Practice AND 79771 Dispute Resolution (PG) AND 78029 Mediation Practice

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject builds on the introductory theory and practice presented in the prerequisite subjects and draws on the expertise of experienced mediators. It concentrates on the micro-skills of mediation at an advanced level. And is designed to provide an in-depth understanding of skills, strategies and techniques used by experienced mediators and to explore a range of major mediation models. Topics included for study are:

- · micro-skills of mediation at an advanced level
- the skills and techniques used by experienced mediators
- a range of mediation models including co-mediation and the 'Understanding' model developed by Harvard Law School and the New York Centre for Mediation in Law
- the practice of narrative mediation and the concepts of externalising, deconstructing and careful listening

the practice of forgiveness as a strategy in a mediation context. The subject is taught in a three-day intensive mode with opportunities in selected exercises to develop reflective practice and understand the application of theory to mediation practice. Assessment includes a paper based on critiquing the theories and concepts explored in the course, a case study and a reflective journal.

77751 International Commercial Arbitration

6cr

Requisite(s): 60 credit points of completed study in C04148 Master of Law and Legal Practice AND 79771 Dispute Resolution These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject covers commercial arbitration in the international arena in-depth and includes the following topics:

- ad hoc arbitrations
- · relevant legislation and international conventions
- international institutional arbitration associations
- scope, formal requirements and validity of agreements to arbitrate
- · drafting in relation to ICSID arbitrations
- curial intervention
- compulsory reference of an international commercial dispute to arbitration in Australia
- award of damages in international arbitration
- sovereign immunity
- international standard construction contracts
- power of the international arbitral tribunal to deal with defaults, delaying tactics or refusal of a member to participate in the making of an award
- provisions for correcting an international commercial arbitration award
- recourse against award under the UNCITRAL model law
- recognition and enforcement of foreign arbitral award under the UNCITRAL model law and the New York Convention
- liability of the arbitrator for negligence and/or wilful neglect of duty.

77752 Commercial Arbitration (Domestic)

6ср

Requisite(s): 60 credit points of completed study in C04148 Master of Law and Legal Practice AND 79771 Dispute Resolution These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

Topics covered in this subject include the arbitration agreement and its scope; the arbitrator's jurisdiction; reference by the court to a referee or arbitrator; the inherent jurisdiction of the court to interfere in arbitral

proceedings; agreement binding on the Crown; the appointment of arbitrators and other related matters; the umpire entering upon the reference; the distinction between an arbitration certificate, valuation, assessment, an exception clause, reference to arbitrator, or quasi-arbitrator; powers and duties of the Arbitration Tribunal; subpoenas; evidence; legal representation; amiable compositeur or ex aequo et bono; interim awards; specific performance; extension of ambit of arbitration proceedings; duties of parties; right of appeal; exclusion agreements; misconduct; remission of award; removal of umpire or arbitrator; sundry provisions; Scott v Avery clause; and foreign awards.

77760 Family Dispute Resolution

6cr

Requisite(s): 60 credit points of completed study in C04148 Master of Law and Legal Practice AND 79771c Dispute Resolution (PG) These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject provides instruction in the theoretical and practical aspects of the use of non-adversarial techniques for resolving family disputes. Different approaches and skills are presented together with a critical evaluation of the use of such techniques. Less adversarial approaches to trials relating to disputes over children and the impact of new legislation is considered in the context of the new family law framework. The subject covers such topics as:

- the nature of family disputes
- the legal system and the new family law framework for the resolution of family disputes
- the less adversarial approach to trials in the Family Court of Australia
- dispute resolution processes in relation to financial aspects of family disputes
- children's issues in family disputes
- the effects of domestic violence and the power dynamic in family disputes
- ethical issues in conducting family dispute resolution processes
- developments in dispute resolution practice including collaborative law practice and compulsory community based services

Students are introduced to the legal, psychological and social aspects of family disputes through formal information giving and also through experiential teaching techniques. They are expected to research in the area to further their understanding of this complex and challenging area of law and social policy. Students may choose their area of research for a written paper and seminar presentation.

Note(s)

This subject was formerly called Interpersonal Conflict Resolution.

77761 Dispute Resolution in Commerce

6cp

Requisite(s): 79771c Dispute Resolution (PG) AND 60 credit points of completed study in C04148 Master of Law and Legal Practice These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject provides an overview of dispute management and complaints handling systems, together with further consideration of the developing body of dispute resolution and negotiation theory and practice in the commercial context.

There is an increasing demand for the development of dispute resolution systems that avoid an adversarial approach in commercial environments where delay, high legal costs and limited possible outcomes are being perceived as counterproductive in the highly competitive commercial environment. Increasingly there have been legislative responses for providing both processes and process providers for resolving and settling commercial disputes. These developments are also studied in the context of changing corporate structures and cultures and the demands for effective, accessible, cost efficient and ethical methods for dealing with commercial disputes.

77767 Taxation Administration

6cp

Requisite(s): 60 credit points of completed study in C04148 Master of Law and Legal Practice

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

Access to timely and relevant tax-related information is crucial to the Australian Taxation Office's attempts to correctly assess taxpayers and to taxpayers' attempts to resist assessments. In this subject students critically analyse the rationale for, and structure of, the current tax administration system, and then proceed to a detailed analysis of the key strategic elements of that system including tax audits, self-assessment, objections and appeals, and collection and recovery of unpaid tax. Alternatives for reform are also examined.

77783 International Commercial Dispute Resolution

6cp

Requisite(s): 70616 Australian Constitutional Law AND 60 credit points of completed study in C04148 Master of Law and Legal Practice

These requisites may not apply to students in certain courses. See access conditions.

Undergraduate and Postgraduate

This subject covers negotiation in international commercial disputes, cross-cultural commercial negotiations, negotiating with Japan and a Middle-Eastern country, the role of dispute resolution centres, international commercial mediation, arbitration as contract, drafting and analysing arbitration agreements, transnational aspects of arbitration, international arbitration law, UNCITRAL initiatives on international commercial arbitration, statutory regulation of international commercial arbitration in Australia, enforcement of arbitral wards, international commercial litigation, enforcement of international commercial judgments and institutions for international commercial dispute resolution.

77792 Crisis Negotiation

6ср

Requisite(s): 79771c Dispute Resolution (PG) AND 60 credit points of completed study in C04148 Master of Law and Legal Practice These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The subject provides a theoretical overview of, and instruction in, the process of crisis negotiation. The aim of the subject is to develop the students' skills in negotiating crisis situations and in dealing with hard-bargainers and 'dirty tricks'. It also addresses the use of negotiation in critical incidents such as crisis management in the corporate sector and the use of the process in counter-terrorism.

The topics included in this subject are:

- overview and understanding of crisis negotiation skills and techniques
- psychiatric and psychological considerations
- risk and crisis management as part of the preparation
- key factors in crisis negotiation
- face-to-face crisis negotiations
- the stages of crisis negotiations, the preparation and the planning
- · team approach and use of communication techniques
- dealing with an aggressive person
- choosing the right negotiator
- briefing and debriefing a critical incident
- third person in a critical incident
- strategic planning.

77794 International Environmental Law

6ср

Requisite(s): ((70110 Introduction to Law AND 76006c Public International Law) OR (60 credit points of completed study in C04148 Master of Law and Legal Practice AND 70616 Australian Constitutional Law) OR 77885 Legal Process and Legal Research) These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject introduces students to international law relating to conservation and management of the environment. Particular areas that may be considered include the precautionary principle, sustainable development, marine pollution, climate change, conservation of biological diversity, marine pollution, trade in hazardous substances, climate change, conservation and biological diversity, protection of world heritage. The impact of international environmental law on domestic legal systems is also considered, including questions of domestic incorporation of principles of international and civil law.

77796 Taxation of Business Entities

6cr

Requisite(s): 60 credit points of completed study in C04148 Master of Law and Legal Practice

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject provides a theoretical and practical overview of the taxation of partnerships and trusts and the taxation of partners and beneficiaries in respect of their interests in those entities. The topics include the calculation of net income or losses of partnerships and trusts and the allocation of net income/losses to partners and net income to beneficiaries. The impact of variations in partnership and trust interests and the application of the capital gains tax provisions to dealings with these entities are also considered.

77800 International Commercial Dispute Resolution

8ср

Requisite(s): 78100c Postgraduate Legal Research AND 78136 Dispute Resolution

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject covers negotiation in international commercial disputes, cross-cultural commercial negotiations, negotiating with Japan and a Middle-Eastern country, the role of dispute resolution centres, international commercial mediation, arbitration as contract, drafting and analysing arbitration agreements, transnational aspects of arbitration, international arbitration law, UNCITRAL initiatives on international commercial arbitration, statutory regulation of international commercial arbitration in Australia, enforcement of arbitral wards, international commercial litigation, enforcement of international commercial judgments and institutions for international commercial dispute resolution.

77850 Psychology and Dispute Resolution

6cp

Requisite(s): 79771c Dispute Resolution (PG) AND 60 credit points of completed study in C04148 Master of Law and Legal Practice These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

conditions.

Postgraduate

This subject is an introduction to key concepts in psychology that have relevance for dispute resolution practise. A main focus of this subject is the application of psychological concepts to disputes and conflict situations in order to understand what is going on and to start to learn to harness new skills and paradigms to work more effectively with ongoing conflict and within the dispute resolution process.

It is presented in an intensive program of three full-day sessions on campus plus a day of seminar presentations. These four day sessions are supplemented by readings and research in an area of the subject that interests the student.

During the full-day sessions each psychological concept is explored using the following format:

- theory: past and current
- research: evidence for and against the theory
- application of the concept to dispute resolution
- practice: exercises, homework, role-play
- discussion: as a student / practitioner how can I apply this?; what is its value?; what have I learnt?
- future directions:
 - how is the concept evolving?; what are the implications for the practice of dispute resolution?
 - as a student/practitioner: where do I go from here?; what action can I take?

77867 Workplace Dispute Resolution

6ср

Requisite(s): 79771c Dispute Resolution AND 60 credit points of completed study in C04148 Master of Law and Legal Practice These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject explores the applications of dispute resolution theory and practical skills in the workplace. It explores the causes of conflict within the workplace setting and some legislative requirements for dealing with workplace disputes. The relevance of a range of dispute resolution processes and the possible challenges to their implementation are explored. Impediments to changing the dispute resolution culture in the workplace are identified and dispute resolution models and the design of systems for implementation in both the private and public sectors are studied. The subject covers the following topics:

- analysis of workplace conflict and its sources
- the legal, political and historical contexts within which workplace conflict has been managed and how it is changing
- the existing dispute resolution cultures in Australian workplaces
- the types of disputes within the workplace, including grievances and management disputes, and the dispute resolution processes that are applicable
- the theory of the role of dispute resolution processes in effecting behavioural change in the workplace
- the theory shaping mediation techniques for resolving workplace disputes
- designing, implementing and evaluating a dispute resolution system for a workplace
- the relationship between organisational change and dispute resolution processes
- the difference in managing disputes in the public and private
- the negotiation dynamic of enterprise and employment contract bargaining.

77885 Legal Process and Legal Research

6cp; online and on-campus components

In this subject students are introduced to the common law and its place in the Australian legal environment. The skills of legal research, case analysis, statutory interpretation, legal problem solving and critical analysis – which are essential to the study and practice of the law – are also developed in the course of students' learning.

Students begin their inquiry by considering primary and secondary sources of the common law, the development of common law, courts and lawyers, and the spread and reception of common law. They then examine contract law in the common law, public law and the common law, and business transactions in the common law.

77889 Trade Marks Law

6cp; offered either by distance, requiring no attendance, or oncampus

Requisite(s): (77896c Legal Process and Intellectual Property Overview OR (70115 Perspectives on Law AND 70120 Legal Method and Research) OR 60 credit points of completed study in C04148 Master of Law and Legal Practice OR 77905c Preparing for Intellectual Property Practice)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject provides an understanding of the principles of trade marks and the trade mark system in Australia. Topics covered include passing off and unfair competition, registrability issues, comparison of trade marks and assessment of deceptive similarity, ownership and authorship of trade marks, requirements of use in relation to trade marks, grounds of opposition, and infringement and post-registration maintenance of trade marks.

Note(s

This subject is accredited by the Professional Standards Board as fulfilling part of the qualifications for registration as a Patent Attorney or Trade Mark Attorney in Australia.

77890 Trade Marks Practice

6cp; offered by distance requiring no on-campus attendance Requisite(s): 60 credit points of completed study in C04148 Master of Law and Legal Practice AND 77889c Trade Marks Law These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

conditions. Postgraduate

This subject concentrates on the ability to advise and to handle the interests of a client in prosecution and maintenance of trademark applications, including advice on the desirability of seeking trademark protection and provision of alternative protection in Australia and other countries. Topics covered include classification systems, searching, types of application and registration, Trade Marks Office practice and procedure, removal for non-use, rectification, registration of security interests, border controls, exploitation, misuse and criminal sanctions, and international issues.

Note(s)

This subject is accredited by the Professional Standards Board as fulfilling part of the qualifications for registration as a Patent Attorney or Trade Mark Attorney in Australia.

77891 Patent Systems

6cp; offered by distance requiring no on-campus attendance Requisite(s): 77898 Patent Law

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject concentrates on the ability to handle the interests of a client in prosecution and maintenance of a patent application, including advice on the desirability of seeking patent protection and provision of alternative protection in Australia and other countries. Topics covered include: types of application; Patent Office practice; amendment; opposition; re-examination; maintenance; extension of term; extension of time; revocation; treaties and conventions; searching; assignment; licensing; compulsory licenses; Crown use; restrictions on exploitation; circuit layout legislation and practice; plant protection legislation and practice; patentability in other countries (particularly with reference to New Zealand, the United States, the European Union, the People's Republic of China and Japan); and innovation patents.

Note(s)

This subject is accredited by the Professional Standards Board as fulfilling part of the qualifications for registration as a Patent Attorney in Australia.

77892 Professional Conduct (Intellectual Property)

6cp; offered wholly online, requiring no on-campus attendance Requisite(s): 77896c Legal Process and Intellectual Property Overview

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject provides an understanding of the rights, privileges and responsibilities of a patent or trade marks attorney. Topics covered include: conflict of interest; privilege; confidentiality; professional liability and negligence; code of conduct; maintenance of rights and monitoring systems; and fiduciary obligations to clients.

Typical availability

Spring semester, City campus

Note(s)

This subject is accredited by the Professional Standards Board as fulfilling part of the qualifications for registration as a Patent Attorney or Trade Mark Attorney in Australia.

77893 Designs Law and Practice

6cp; offered wholly online requiring no on-campus attendance Requisite(s): [77885c Legal Process and Legal Research OR (70115 Perspectives on Law AND 70120 Legal Method and Research) OR 77896 Legal Process and Intellectual Property Overview OR 60 credit points of completed study in C04148 Master of Law and Legal Practice OR 77905c Preparing for Intellectual Property Practice) These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject concentrates on the ability to advise and to handle the interests of a client in prosecution and maintenance of a design application, including advice on the desirability of seeking design protection and provision of alternative protection in Australia and overseas. Topics covered include registrability, newness, registration procedure, maintenance, office practice, third-party objection, infringement, expunction, copyright, and international aspects of design practice.

Note(s)

This subject is accredited by the Professional Standards Board as fulfilling part of the qualifications for registration as a Patent Attorney in Australia

77894 Drafting of Patent Specifications

6cp; offered wholly online requiring no on-campus attendance Requisite(s): 77898 Patent Law

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

On completion of this subject, candidates should have acquired ability to obtain relevant information about an invention and from that, given the prior art, draft a patent specification to accompany a provisional application, a standard complete application, an international application or an innovation patent application. In particular, candidates should be able to draft claims that define an invention that is novel over the given prior art and, arguably, includes an inventive step. The fair basis of the claims are also considered in light of the given description of the invention. Various common practice based aspects of drafting of patent specifications is also considered.

Note(s)

This subject is accredited by the Professional Standards Board as fulfilling part of the qualifications for registration as a Patent Attorney in Australia.

77895 Interpretation and Validity of Patent Specifications

6cp; offered either wholly online requiring no on-campus attendance, or on-campus

Requisite(s): 77898 Patent Law

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

On completion of this subject, students have acquired an ability to express an understanding of a patent specification and what it covers for the purpose of advising on infringement validity over given prior art, s 40 of the *Patents Act 1990* and other grounds of revocation and amendment.

Note(s)

This subject is accredited by the Professional Standards Board as fulfilling part of the qualifications for registration as a Patent Attorney in Australia.

77896 Legal Process and Intellectual Property Overview

6cp; offered wholly online and requires no on-campus attendance Postgraduate

This introductory subject provides non-law graduates with an understanding of the Australian legal system and how intellectual property rights may be protected.

Topics covered include parliament and the courts, appeal and review systems under the Australian legal system, the doctrine of precedent and principles of statutory interpretation.

The subject also provides students with an introduction to patents, trademarks, designs copyright, circuit layouts, plant breeders' rights, confidential information and trade secrets, trade practices and anticompetitive practices, and international intellectual property treaties.

Note(s)

This subject is accredited by the Professional Standards Board as fulfilling part of the qualifications for registration as a Patent Attorney or Trade Mark Attorney in Australia.

77898 Patent Law

6cp; offered wholly online and requires no on-campus attendance Requisite(s): [77885c Legal Process and Legal Research OR [70115 Perspectives on Law AND 70120 Legal Method and Research] OR 77896c Legal Process and Intellectual Property Overview OR 60 credit points of completed study in C04148 Master of Law and Legal Practice OR 77905c Preparing for Intellectual Property Practice] These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject provides an understanding of the principles of patents and the patent system in Australia. Topics covered include subject matter, s 40 of the *Patents Act 1990* (specifications), infringement, inventorship, ownership and breach of confidence.

Note(s

This subject is accredited by the Professional Standards Board as fulfilling part of the qualifications for registration as a Patent Attorney in Australia.

77900 Goods and Services Tax

6ср

Requisite(s): (60 credit points of completed study in C04148 Master of Law and Legal Practice AND [70516 Equity and Trusts OR 70517 Equity and Trusts)]

These requisites may not apply to students in certain courses. See access conditions.

Undergraduate and Postgraduate

The course canvasses some basic principles and associated legal issues and issues relating to matters such as administration, liability, supply, taxable supply, GST-free supplies, input tax credits, bad debts, anti-avoidance and comparable jurisdictions.

77901 Securities Markets Law

6cp

Requisite(s): 70417 Corporate Law OR 77885 Legal Process and Legal Research

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject builds on the compulsory company law subject by examining key issues in the Australian scheme for the regulation of markets for corporate securities. Topics include an introduction to corporate finance, regulation of major equity and debt capital transactions such as reductions, buy-backs and the raising of new capital through equity and debt issues. The subject has a particular focus on the role of disclosure in securities market regulation, including the regulation of continuous disclosure, misleading statements to the market and insider trading. The subject also provides an introduction to takeover regulation with an emphasis on the role of disclosure in takeovers and the regulation of takeover disputes.

77903 Copyright Law

6ср

Requisite(s): [77885c Legal Process and Legal Research OR (70115 Perspectives on Law AND 70120 Legal Method and Research) OR 60 credit points of completed study in C04148 Master of Law and Legal Practice OR 77896c Legal Process and Intellectual Property Overview OR 77905c Preparing for Intellectual Property Practice) These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject covers the principles of copyright, the development of case law and the structure and ambit of the legislation. Students are required to develop a good working knowledge of the *Copyright Act* 1968 (as amended), and associated regulations, and to have a sound knowledge of relevant case law.

77905 Preparing for Intellectual Property Practice

6ср

This subject provides students with an understanding of the:

- Australian legal system, courts and legislative processes
- protection of intellectual property rights by Australian and international legal systems
- principles involved in efficient and effective management, commercialisation and exploitation of intellectual property assets
- legal entities and processes used in licensing, franchising, assignment and securing intellectual property rights, and
- the rights, privileges and responsibilities of practising patent or trade marks attorneys towards their clients, the profession and the community.

When completed, this subject ensures that students satisfy the knowledge requirements prescribed by Regulation 20.8 and Parts 2 and 3 of Schedule 5 of the *Patent Regulations* 1991 (Cwlth).

77924 Superannuation and Retirement Planning

6ср

Requisite(s): 60 credit points of completed study in C04148 Master of Law and Legal Practice

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject concentrates on the taxation aspects of superannuation at the contribution stage, while superannuation money is held in a fund, and when benefits are paid. The subject deals with related topics such as the regulatory requirements of the *Superannuation Industry (Supervision) Act* 1993, the superannuation guarantee scheme and the interaction of GST and superannuation.

Note(s)

Students who have completed 77979 Retirement Planning (PG) are not permitted to enrol in this subject. This subject was formerly named Superannuation Law.

77930 Insurance Law

6ср

Postgraduate

This subject looks at insurance from the perspective of a business buying insurance. It begins with risk management and, in the context of the function of insurance in risk management, considers the design of an insurance program and how business buys and sells insurance. The subject looks at the public regulatory regime governing the insurance industry, including products and markets. The approach examines in some detail the private law principles governing the relationship between insurer and insured in particular, the pre-contract matters of disclosure, terms on the risk and claims, and the structure and documentation of a typical policy. There is a focus on the main insurance principles: duty of utmost good faith, insurable interest, indemnity, subrogation, risk, non-disclosure, misrepresentation and cancellation of cover. There also is material on the resolution of insurance disputes. The role of intermediaries, such as agents and brokers, is also examined. The subject concludes with case studies on the insurance market in crisis.

77935 International Business Law

6cr

Requisite(s): 60 credit points of completed study in C04148 Master of Law and Legal Practice

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject examines aspects of the legal environment of the conduct of business abroad, including: international anti-corruption laws and policies; international economic institutions; Australia and its major trading partners; aspects of the anti-trust legislation and incentives to export; fiscal aspects of trade; the protection of Australian industry; foreign direct investment law, policy and risk management; and the transnational corporation, including cross-border insolvency issues and international corporate social responsibility.

77938 Introduction to Taxation Law

6ср

Postgraduate

This subject acquaints students with Australian taxation law in a practical business environment. The focus of the syllabus is on the application of tax law concepts in a professional accounting setting. It aims to develop students' conceptual and analytical skills and an appreciation of the Australian tax system. It provides a general analysis of the current tax system and consideration of the many changes it is presently undergoing with an emphasis on the implications for the commercial world. The subject looks at the *Income Tax Assessment Act*, the Tax Law Reform Project and the New Tax System. Particular concepts to be considered include: taxable income, income, deductions, capital gains tax, trusts, partnerships, companies and shareholders, tax accounting, tax planning and anti-avoidance provisions, fringe benefits tax and goods and services tax.

77942 Legal Aspects of Contracts Administration

6ср

Postgraduate

This subject aims to provide students with an understanding of legal issues that arise when negotiating complex contracts, as well as the difficulties that can occur once such contracts are entered.

77945 Current Issues in Taxation

6ср

Requisite(s): 60 credit points of completed study in C04148 Master of Law and Legal Practice

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

conditions. Postgraduate

This subject is concerned with taxation practice. It is not intended to be prescriptive, and variations will be made by the lecturer to cater for the interests of students and to take account of current developments in revenue law. Topics covered include: recent amendments and case law; fundamentals of tax planning; advanced problems; partnerships; trusts; taxation and stamp duty problems in estate management; company distributions, losses, superannuation and employee benefits;

foreign source income and tax havens; alienation of income; legislative and judicial techniques to minimise tax avoidance; objections and appeals; and other revenue laws.

77947 Companies and Securities Law

6ср

Postgraduate

This subject explores company law in its applied context, addressing the needs of business practitioners and professionals such as accountants. The subject comprises four main sections. The first examines the principal provisions affecting the formation and operation of companies. The second concerns the main roles, responsibilities and duties of corporate directors, officers and other employees. The third section considers the protection of shareholders including in the process of corporate fundraising through the issue of new share capital; the section also looks at measures to protect creditors through provisions concerning the maintenance of share capital. The final section contains an introduction to securities regulation and deals with other major events in the corporate lifecycle such as external administration and takeovers.

Specific topics covered in the subject include:

- the framework of Australian corporations legislation and the role of the Australian Securities and Investments Commission
- the process of company registration and its consequences; the range of legal forms of association available for the conduct of business enterprise
- the corporate constitution
- the company's liability in contract and under criminal law
- the allocation of responsibility between shareholders, directors and company officers
- directors' and officers' duties and liabilities
- minority shareholder protection and remedies
- the regulation of major equity capital transactions such as capital reductions, share buy-backs and dividend payments
- an introduction to the legal structure of securities market regulation
- corporate fundraising prospectus disclosure obligations and liabilities
- external administration of failing companies voluntary administration, receivership, liquidation and winding up
- an introduction to takeovers law.

The subject seeks to:

- provide an overview of corporate law in Australia
- highlight the roles, responsibilities and duties of key personnel involved in corporations
- develop skills in identifying, analysing and understanding corporate legal problems, and
- build an appreciation of the commercial implications of the legal framework in which corporations operate.

77953 International Taxation Law

6ср

Requisite(s): 60 credit points of completed study in C04148 Master of Law and Legal Practice

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

A comprehensive explanation of the important issues within the international environment of business is provided. The subject places emphasis on the more important taxation issues, and responds to new issues as they arise.

77976 World Trade Organisation Law and Practice

6ср

Requisite(s): (77885c Legal Process and Legal Research OR (70115 Perspectives on Law AND 70120 Legal Method and Research) OR (70616 Australian Constitutional Law AND 60 credit points of completed study in C04148 Master of Law and Legal Practice)) These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This is a specialist subject on the World Trade Organization (WTO). Students develop an understanding of the basic legal principles underpinning the multilateral trading system; the three pillars of

the multilateral trading system, namely the General Agreement on Tariffs and Trade, General Agreement on Trade in Services and the Agreement on Trade-related Aspects of Intellectual Property Rights; the dispute settlement mechanism of the WTO; and the institutional structure and the decision-making process of the WTO.

Note(s)

LLB students require a minimum weighted average mark (WAM) of 65 per cent to undertake this subject (this requirement may be reviewed in future). If a student enrols with a WAM of less than 65 per cent they will be withdrawn from the subject after the last date to add subjects and consequently will not be able to enrol in an alternative subject in that semester.

77980 Estate Planning and Trusts

6ср

Postgraduate

This subject gives an introduction to the law of wills and estates and explores the efficient utilisation of same to achieve beneficial estate planning. Presently, succession law in Australia varies on a state by state basis – this poses additional challenges for those working with all but the simplest testamentary dispositions.

78008 Law of the Sea

6cp

conditions.

Requisite(s): (77885c Legal Process and Legal Research OR (70616 Australian Constitutional Law AND 60 credit points of completed study in C04148 Master of Law and Legal Practice) OR (70110 Introduction to Law AND 76006c Public International Law)) These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

Undergraduate and Postgraduate

The Law of the Sea (LOS) is one of the most diverse and interesting areas of international law. This subjects examines in detail not only the status of the LOS today, but also its history and development which can be traced back to around 1650 and which has traditionally reflected shipping and navigation interests. The LOS has today been codified and is contained in the 1982 United Nations Convention on the Law of the Sea (UNCLOS), a treaty that clearly represents one of the greatest achievements of international law making. The UNCLOS now contains many additional and dynamic areas of international law such as delineation of various maritime boundaries, including those for archipelagic states; pollution from various sources of marine pollution including land-based sources; exploitation of valuable resources such as high seas fisheries, the minerals of the continental shelf beyond national jurisdiction and of the deep seabed; marine scientific research; as well as dispute resolution.

78010 International Criminal Law

6ср

Requisite(s): (70120 Legal Method and Research AND 70115
Perspectives on Law) OR 77885c Legal Process and Legal Research
OR (70616 Australian Constitutional Law AND 60 credit points of
completed study in C04148 Master of Law and Legal Practice)
These requisites may not apply to students in certain courses.
There are also course requisites for this subject. See access
conditions.

Postgraduate

This subject examines international criminal law from both theoretical and practical perspectives. The subject commences by dealing with the framework of international law and its ability to try the crimes of aggression, war crimes, crimes against humanity, genocide, torture and terrorism. It then examines the theoretical bases for the establishment of international criminal court and tribunals including the permanent International Criminal Court and the crimes that can be prosecuted before the Court. The subject also deals with principles of criminal culpability in international criminal law, as well as possible defences, and judicial procedures to be applied.

78011 International Sale of Goods

6cn

Requisite(s): (70120 Legal Method and Research AND 70115 Perspectives on Law) OR 77885 Legal Process and Legal Research OR (60 credit points of completed study in C04148 Master of Law and Legal Practice AND (70318 Personal Property OR 70327 Commercial Law))

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject examines certain practical, theoretical and methodological issues concerning the proper interpretation of the provisions of the UN Convention on Contracts for the International Sale of Goods 1980 (CISG). The CISG is the uniform sales law of countries that account for two-thirds of total world trade. However, the enactment of a uniform law text carries no guarantee of its subsequent uniform application in practice. This subject provides a comparative analysis of the main provisions of the CISG and the UNIDROIT Principles of International Commercial Contracts 1994 and the Principles of European Contract Law 1998, in order to determine whether consideration of such general principles of international commercial law could aid in the proper interpretation and application of the CISG as uniform international sales law - a positive step towards substantive legal uniformity.

78013 Refugee Law and Practice

6ср

Requisite(s): 70616c Australian Constitutional Law AND 70617c Administrative Law

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject surveys contemporary legal issues in refugee protection both within Australia and internationally. Focusing initially on the 1951 Convention Relating to the Status of Refugees and the 1967 Protocol, this subject explores the key controversies in interpreting the refugee definition and extent of international protection afforded to refugees. In reviewing exclusion mechanisms in the international context, we consider the impact of terrorism on asylum procedures and eligibility, as well as issues involved in processing child soldiers.

This international law background provides a framework for considering the implementation of the Refugee Convention in Australian domestic law. We proceed to examine Australian constitutional power with respect to 'aliens' and the relevant provisions of the Commonwealth *Migration Act 1958*, focusing particularly on the procedures for decision-making in Australian refugee law, including merits review before the RRT and judicial review of administrative decisions. In this context, time is spent considering special issues which arise in working with refugee clients. Specific case studies in the domestic context include the detention and offshore interception of asylum seekers, as well as the overlap between refugee law and Australian responses to trafficking in persons. The subject concludes by considering proposals to reformulate the international refugee protection regime.

78015 Global Aspects of Intellectual Property Law

6ср

Requisite(s): (60 credit points of completed study in C04148 Master of Law and Legal Practice OR 77896 Legal Process and Intellectual Property Overview OR (70115 Perspectives on Law AND 70120 Legal Method and Research) OR 77885 Legal Process and Legal Research OR 77905 Preparing for Intellectual Property Practice) These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject considers the international framework of intellectual property law. Topics covered include the international institutions dealing with intellectual property (the World Trade Organization, World Intellectual Property Organization, International Union for the Protection of New Varieties of Plants and the United Nations), particularly considering their treaties and dispute mechanisms; bilateralism and the future of multilateralism in international intellectual property including the Australia-US Free Trade Agreement; and emerging issues likely to affect international intellectual property over the coming years - health and access to pharmaceuticals, access to and protection of genetic resources and

biodiversity, protection of traditional knowledge, the possibility of harmonisation and the digital agenda.

78016 International Humanitarian Law

6cp

Requisite(s): (70115 Perspectives on Law AND 70120 Legal Method and Research) OR 77885c Legal Process and Legal Research OR 60 credit points of completed study in C04148 Master of Law and Legal Practice OR (70110 Introduction to Law AND 76006c Public International Law)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

This subject examines all the major areas of international humanitarian law. It covers the traditional topics of the laws of armed conflict and the laws in war, in addition to considering more recently emerged fields such as refugee law, peacekeeping operations and international crimes. The subject aims to situate each of these areas within the historical, philosophical and political contexts in which they have, and continue to be, developed. Moreover, there is an emphasis on the analysis of international humanitarian law through issues that have arisen by virtue of recent events, such as the proliferation of internal conflicts and the reaction to international terrorism.

78021 Contemporary Issues in Constitutional Law

6cp; mixed mode, including field trips to the High Court, guest lectures from practitioners and judicial officers and opportunities for students to negotiate assessment tasks with the lecturer Requisite(s): 60 credit points of completed study in C04148 Master of Law and Legal Practice AND 70616 Australian Constitutional Law These requisites may not apply to students in certain courses. See access conditions.

Undergraduate and Postgraduate

This subject focuses on how constitutional law is made, commencing with consideration of the practical dimensions of access to constitutional justice, followed by a detailed consideration of the jurisdictional and procedural pathways to the High Court, and then consideration of contemporary trends in judicial law-making. The subject has a practical aspect, focusing on recent decisions of the High Court and what these decisions tell us about constitutional law-making, and a theoretical aspect, as the subject attempts to connect these decisions and the dynamics of their development to broader themes in comparative constitutional jurisprudence.

Note(s)

LLB students require a minimum weighted average mark (WAM) of 65 per cent to undertake this subject (this requirement may be reviewed in future). If a student enrols with a WAM of less than 65 per cent they will be withdrawn from the subject after the last date to add subjects and consequently will not be able to enrol in an alternative subject in that semester.

78023 International Trade Law and the Environment

6cp; distance

Requisite(s): ((70115 Perspectives on Law AND 70120 Legal Method and Research) OR 77885 Legal Process and Legal Research OR 60 credit points of completed study in C04148 Master of Law and Legal Practice)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The trade and environment debate conceals the problematic relationship between two legitimate interests of the international community. This subject introduces students to the significant interface between international trade liberalisation and the environmental imperative of ecologically sustainable development.

Initially the subject provides an overview of the frameworks of international trade law and environmental law and an insight into the philosophical underpinnings of both institutions. The subject considers the important role of developing countries in shaping the trade/environment debate.

The subject considers the obligations imposed by the World Trade Organization (WTO) including the Agreements on Food Safety Standards, Technical Barriers to Trade and the Agreement on Trade Related Aspects of Intellectual Property Rights (TRIPS). The scope

and operation of environmental exceptions that have been the subject of recent trade environment disputes in the WTO provide valuable insights into the area. The position of multilateral environmental agreements and the WTO is considered along with the serious implications for developing countries.

Particular specialty areas of concern are covered including ecolabelling, invasive species and intellectual property issues.

Upon completion of this subject students should be able to understand and analyse the current relationship between trade and environment, reflect in an informed manner on the future of the protection of the environment in the multilateral trade and investment regime and be able to critically assess the prospects for future harmonisation of global free trade regimes and ESD principles.

78025 Intellectual Property: Law and Policy

6ср

Requisite(s): 70120 Legal Method and Research OR 70105 Legal Research

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Undergraduate and Postgraduate

This subject provides an introduction and overview of the legal principles of intellectual property law and the policy issues which inform the development of this law in Australia. It is designed as an introductory survey subject for graduates, practicing lawyers and students completing their first law degrees. Classes consider the historical development of intellectual property subject matters, the international framework setting standards including the WIPO, WTO, and AUSTFA and the different forms of intellectual property including copyright, designs, patent, plant breeders protection, trade marks law, passing-off and related actions, moral rights and performers protection.

78026 Business and Law in China

6cp

Requisite(s): (77885 Legal Process and Legal Research OR (60 credit points of completed study in C04148 Master of Law and Legal Practice AND 70211 Contracts))

These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

With China's emergence as a new economic superpower, and with ever-deepening business ties between Australia and China, it is crucial that students gain an up-to-date understanding of Chinese business law and an awareness of major differences between Australian and Chinese legal and business cultures. This subject focuses on areas of Chinese law that are most relevant for foreign businesses and for law firms with a China practice. Topic areas covered include:

- Chinese legal culture/business culture
- challenges of doing business in China politics, bureaucracy, corruption, personal connections
- Chinese business enterprise law state-owned enterprises, companies limited by shares, township and village enterprises, private entrepreneurs, foreign-invested enterprises
- pitfalls surrounding contracts and business transactions with Chinese enterprises
- foreign investment regime in China
- Chinese banking/finance system and capital markets
- business dispute resolution and litigation.

Note(s)

- This subject was formerly called Chinese Corporate Commercial Law.
- Students who have completed an introductory subject in Chinese law need not attend the first class but are welcome to attend if they wish.

78029 Mediation Practice

6cp

Requisite(s): 79771c Dispute Resolution AND 60 credit points of completed study in C04148 Master of Law and Legal Practice These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject studies the philosophy, theory and practice of mediation as a dominant generic dispute resolution process. It considers the roles of all parties in the mediation process and the legal, ethical and normative framework in which the process is provided. The subject looks at the selection criteria for mediation, both by private parties and by curial reference, and the institutionalisation of mediation by courts and public bodies. Also covered are the stages in the mediation process and the skills required for competent mediation practice. Mediation practice is the frame for the following topics:

- the development of mediation practice and philosophies in the Australian context
- the mediation process and the roles of the participants
- critical appreciation of the trend to institutionalise mediation
- the legal, ethical and normative issues that relate to mediation practice
- critical appraisal of the current debates surrounding training, accreditation and accountability of mediators.

This subject is taught in intensive mode with an emphasis on the use of simulations to explore theory. The prime assessment is a research paper selected from a list of current issues and the secondary is a case study presented in a seminar format.

Note(s)

Students who completed 79771 Dispute Resolution before Autumn 2006 should not enrol in this subject. This subject was previously taught as part of 79771 Dispute Resolution.

78030 Criminal Sentencing Law

6cp

Requisite(s): 70218 Criminal Law

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

The law of sentencing is without doubt one of the most interesting aspects of criminal law. It is also a critical element of the criminal justice system in New South Wales. This subject begins with a brief revision of how the criminal justice system works. It then plunges into the purpose and science of sentencing, and factors that the court may take into account when exercising its discretion in the sentencing exercise. The subject covers sentencing in the local, district and supreme courts. Students are given a practical idea of what actually happens, how the law is actually applied and what is expected of lawyers, prosecutors and judges during the sentencing exercise.

78036 Technology, Law and the Future of Entertainment

6cp

Requisite(s): 60 credit points of completed study in C04148 Master of Law and Legal Practice

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions

Postgraduate

This subject considers the future of innovation in the entertainment industries: arts, film broadcasting, music, gaming and telecommunications.

Innovation and technological convergence creates opportunities for new and enhanced leisure and social activities. These developments raise controversies in the industries, affecting old media regulation, intellectual property laws, cultural policy, content regulation, competition and innovation policy.

Topics considered include regulation via national law reform, international treaties, industry bodies, industry standards, opinion makers, and technologies of control (digital rights management DRM, surveillance, tracking).

78039 Wickedness and Vice

6cr

Requisite(s): (70311 Torts OR (70110 Introduction to Law AND 76006c Public International Law))

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

The legal system organises and expresses multiple meanings. This subject considers the structure of wickedness and vice it communicates. The approach taken is consistent with traditional jurisprudential concerns such as natural law theory and positivism, and theorising about the criminal legal system as a system of blaming. The subject introduces students to various jurisprudential and general philosophical accounts of the legal system's approach to wickedness and vice. These theories are applied to specific issues, including questions about our duty to obey, the regulation of morality, the malice of the law and the characterisation of terrorism. This subject is particularly timely, given increasing international reliance on a 'discourse of evil'. Theory is essential to the law. Theory gives us a way of thinking about issues differently. This is particularly important when a legal problem appears to be insurmountable. Theory offers the possibility of imagining the world differently.

78040 The Law and Education

6ср

Requisite(s): [70113 Legal Process and History AND 70105 Legal Research] OR [70115 Perspectives on Law AND 70120 Legal Method and Research]

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate and Postgraduate

The object of this subject is to examine the law as it applies to compulsory and higher education today. It is designed to encourage thought and excite debate in the many areas where the law currently impacts upon both education sectors. The subject begins by outlining the legal framework for the provision of education and the governance and management of schools and universities. It then considers many of the legal issues which arise in education today in a wide range of areas such as tort, contract and consumer law, administrative law and human rights law. Current issues are examined comparatively with jurisdictions such as the United States, the United Kingdom, Canada and New Zealand.

78041 New Families, New Technologies

6ср

Postgraduate

This subject explores the multiple legal dimensions regulating families formed with the assistance of reproductive technologies. These dimensions include health and legal regulations governing the provision of reproductive technologies, ethical practice and contractual rights of individuals during treatment, direct legal regulation of practices such as surrogacy and the parental status of children.

While this subject complements subjects such as the biomedical law subjects and 77734 Law and Medicine, its focus is firmly on the recipients rather than the providers of new reproductive technologies. The subject's approach centers family formation and recognition of family relationships formed through non-traditional means. Adoption and international adoption are also considered for this reason.

The main focus is on current Australian law, but international comparative material and future Australian reform options are also discussed.

78042 Environmental Planning and Development Law

6ср

Requisite(s): 70617 Administrative Law

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Undergraduate and Postgraduate

This subject introduces students to the basic rules of environmental planning and development law in New South Wales. The primary focus is on the 'development control and assessment process' in NSW, which is part of the system of statutory environmental planning contained in the *Environmental Planning and Assessment Act* 1979.

In addition to the Environmental Planning and Assessment Act 1979, other legislation is covered as well including, but not limited to, the Local Government Act 1993, the Land and Environment Court Act 1979, the Environment Protection and Biodiversity Conservation Act 1999, the Protection of the Environment Operations Act 1997, the Rivers and Foreshores Improvement Act 1948, the National Parks and Wildlife Act 1974, the Heritage Act 1977, the Threatened Species Conservation Act 1995 and the Water Management Act 2000.

The subject covers the following topic areas: the making of environmental planning instruments, the meaning of development, the different categories of development, the development control process, development applications and development consents, existing use rights, part 3A major development, part 4A certificates, part 5 environmental assessment, enforcement of environmental planning laws, the powers of NSW local councils and decision-making by councils.

In order to properly understand and appreciate the law in relation to environmental planning and the development control and assessment process, it is essential that students gain an understanding of the institutions, legal principles, thought-forms, constructs and techniques of local government in NSW. Accordingly, the subject also includes such fundamental topic areas as the legal nature and role of NSW councils, their organisational structure, the roles and functions of the various 'players', decision-making mechanisms (including the conduct of meetings), delegations, sub-delegations and authorisations.

78100 Postgraduate Legal Research

8ср

Requisite(s): 75420c Ethics and Professional Conduct These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject develops theoretical understandings and practical applications of research across the discipline of law and related fields. It explores the traditional boundaries of legal research within the development and application of empirical methodologies. Emphasis is placed upon currency in legal research; the application of quantitative and qualitative methodologies to legal research and refining research skills in interdisciplinary areas with application to legal research.

Typical availability

Autumn semester, City campus Spring semester, City campus

78101 Postgraduate Legal Research

6ср

Postgraduate

This subject develops theoretical understandings and practical applications of research across the discipline of law and related fields. It explores the traditional boundaries of legal research within the development and application of empirical methodologies. Emphasis is placed upon currency in legal research; the application of quantitative and qualitative methodologies to legal research and refining research skills in interdisciplinary areas with application to legal research.

Typical availability

Autumn semester, City campus Spring semester, City campus

78102 LLM Project by Research

8ср

Requisite(s): 78100c Postgraduate Legal Research OR 70717 Evidence and Criminal Procedure

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject comprises the research and writing of a supervised thesis on an approved topic in law. The thesis is between 8000-12,000 words providing an opportunity for postgraduate law students to further develop and refine their legal research and writing skills as well as explore and analyse a topic of law of their own choosing at a high level to produce a superior quality piece of academic work. In most cases, the thesis extends and develops research done in one or more of the electives already undertaken, but in appropriate circumstances a candidate may undertake a new topic.

While LLM students may undertake this subject as a law option subject, it is not necessary under the honours rules that LLM students complete the LLM Project by Research for the award of honours to be conferred. LLM students may qualify for the award of honours if they have received a percentage mark of at least 80 per cent in all subjects. Enrolment in this subject for LLM students is generally appropriate for students in their final semester of study.

Typical availability

Autumn semester, City campus Spring semester, City campus

78103 Common Law Legal Traditions

8cr

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

Postgraduate

This intensive subject provides the bridge between the civil law and the common law. It is a comprehensive subject aimed at lawyers from countries with civil or dual civil and common law legal systems. It opens with expert tuition and practical exercises in the research skills and methodology of the common law. The topics covered include primary and secondary sources of the common law; the development of the common law; courts and lawyers; the spread and reception of the common law; law finding in the common law; contract law in the common law; public law and the common law; and business transactions in the common law.

Typical availability

Autumn semester, City campus Spring semester, City campus

Note(s)

- 1. Requires Faculty of Law approval.
- 2. Eligible students must enrol in their first semester of study.

78104 Genetics and the Law

8cr

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject examines the scope and limitations of existing regulation of genetic technologies with respect to humans. It also considers recent scientific and technological innovations in the area of human genetics and the role and effectiveness of law in managing these new developments. The role of law as a means to control both the development of new genetic technologies and the utilisation of existing technologies is also evaluated. This includes a specific focus on individual decision-making versus responsibility for genetic risk; individual versus group rights; genetic privacy; genetic discrimination; reproductive autonomy; and ownership and control of genetic information and research developments. Specific issues covered include regulatory limits on the use of genetic screening of adults, children and newborns; prenatal genetic testing and genetic testing of adults and children; the regulation of genetic registers, protecting genetic information privacy and the problem of familial information; measures to control genetic discrimination in employment and insurance; the regulation of genetic research through the NHMRC guidelines and other means; the regulation of genetics in medical research including gene therapy, inheritable genetic modification, stem cell research and human somatic cell nuclear transfer (cloning technologies); and the establishment of biobanks and the concept of genomic property.

78105 Genetics and the Law

6ср

Postgraduate

This subject examines the scope and limitations of existing regulation of genetic technologies with respect to humans. It also considers recent scientific and technological innovations in the area of human genetics and the role and effectiveness of law in managing these new developments. The role of law as a means to control both the development of new genetic technologies and the utilisation

of existing technologies is also evaluated. This includes a specific focus on individual decision-making versus responsibility for genetic risk, individual versus group rights, genetic privacy, genetic discrimination, reproductive autonomy, and ownership and control of genetic information and research developments. Specific issues covered include regulatory limits on the use of genetic screening of adults, children and newborns; prenatal genetic testing and genetic testing of adults and children; the regulation of genetic registers, protecting genetic information privacy and the problem of familial information; measures to control genetic discrimination in employment and insurance; the regulation of genetic research through the NHMRC guidelines and other means; the regulation of genetics in medical research including gene therapy, inheritable genetic modification, stem cell research and human somatic cell nuclear transfer (cloning technologies); and the establishment of biobanks and the concept of genomic property.

78106 Climate Law and Carbon Markets

8cr

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Postgraduate

This subject examines climate change, which is one of the most pressing environmental problems of our generation. It is a major business issue that is affecting law, policy and corporate behaviour. The Intergovernmental Panel on Climate Change has said that to avoid irreversible harm to the planet, greenhouse gas emissions must be stabilised, and this will involve a significant and rapid reduction in 'business as usual' reductions. This will involve unprecedented cooperation at the international level as well as innovative national responses.

This subject examines the potential role of the international and policy communities as well as the legal and business communities in confronting climate law. It analyses the existing and emerging legal rules and frameworks, both internationally and in Australia, the impacts of these on business and the response from industry. It critically evaluates the incentives for firms to comply and over-comply with environmental laws and participate in voluntary programs and examines the role of business in adaptation measures and climate justice issues.

78107 Climate Law and Carbon Markets

6cp

Postgraduate

This subject examines climate change, which is one of the most pressing environmental problems of our generation. It is a major business issue that is affecting law, policy and corporate behaviour. The Intergovernmental Panel on Climate Change has said that to avoid irreversible harm to the planet, greenhouse gas emissions must be stabilised, and this will involve a significant and rapid reduction in 'business as usual' reductions. This will involve unprecedented cooperation at the international level as well as innovative national responses.

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78108 Globalisation and International Economic Law

8ср

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject is designed to critically examine the phenomenon of globalisation, and the related changes currently underway in contemporary international economic law. A particular focus of the subject is on the role of international economic law institutions, such as the World Trade Organization, International Monetary Fund and the World Bank, as they grapple with the many new issues that

globalisation has thrust onto their agendas. How is globalisation changing the nature of international law, international society and global governance?

This subject undertakes a multidisciplinary examination of the phenomenon of globalisation and the associated transformation underway in contemporary international economic law.

The subject employs tools and perspectives from a variety of the disciplines which have been used to examine globalisation, such as economics, political theory, moral philosophy and sociology. These tools are used to consider issues such as the changing nature of international and global society (and what, if any, is the difference between the two); pressure on traditional concepts of boundaries, citizenship and nationality; the problem of inequality in the global distribution of resources; challenges to sovereignty and emerging forms of global governance; and how existing and new international institutions can better manage this emerging global social policy agenda.

78109 Globalisation and International Economic Law

6cp

Postgraduate

This subject is designed to critically examine the phenomenon of globalisation, and the related changes currently underway in contemporary international economic law. A particular focus of the subject is on the role of international economic law institutions, such as the World Trade Organization, International Monetary Fund and the World Bank, as they grapple with the many new issues that globalisation has thrust onto their agendas. How is globalisation changing the nature of international law, international society and global governance?

This subject undertakes a multidisciplinary examination of the phenomenon of globalisation and the associated transformation underway in contemporary international economic law.

The subject employs tools and perspectives from a variety of the disciplines which have been used to examine globalisation, such as economics, political theory, moral philosophy and sociology. These tools are used to consider issues such as the changing nature of international and global society (and what, if any, is the difference between the two); pressure on traditional concepts of boundaries, citizenship and nationality; the problem of inequality in the global distribution of resources; challenges to sovereignty and emerging forms of global governance; and how existing and new international institutions can better manage this emerging global social policy agenda.

78110 Banking and Finance Law

8cp

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The subject deals with the key legal and structuring issues which typically arise where a financier provides large amounts of secured or unsecured financial accommodation to a multi-national corporate group. Certain issues are illustrated by reference to standard industry documentation used domestically and internationally. The aim of the subject is to alert the student to the problems which may arise in this area of practice and at the same time provide a sound foundation for advising in more specific forms of financial accommodation such as project and structured finance. It is also intended that the skills acquired in the subject are transferable to other jurisdictions which have key financial centres.

Typical availability

Spring semester, City campus

78111 Banking and Finance Law

6ср

Postgraduate

The subject deals with the key legal and structuring issues which typically arise where a financier provides large amounts of secured or unsecured financial accommodation to a multi-national corporate group. Certain issues are illustrated by reference to standard industry documentation used domestically and internationally. The aim of the subject is to alert the student to the problems which may arise in this area of practice and at the same time provide a sound foundation for advising in more specific forms of financial accommodation such as project and structured finance. It is also intended that the skills acquired in the course are transferable to other jurisdictions which have key financial centres.

Typical availability

Spring semester, City campus

78112 Securities Regulation

8cp

Requisite(s): 78100c Postgraduate Legal Research

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject examines key issues in the law and regulation relating to securities within Australia. It begins by developing an understanding of the nature of securities as a form of corporate fundraising, and then briefly examines how their issuance and trading is regulated within Australia. The regulatory roles of ASIC and ASX in relation to the issuance and trading of securities are then examined. From the basis of this foundational knowledge, the course is structured into three parts.

Part 1 examines the regulation of securities offerings, including the objectives and focus of Australia's investor protection laws, the documentation and procedural requirements for securities offerings, and the liability issues that might arise from deficient disclosure. Part 1 concludes with an examination of the continuous disclosure requirements applying to entities that are listed on Australia's financial markets.

Part 2 undertakes an overview of the regulation of significant transactions involving securities, including share reductions, share buy-backs, self-acquisitions and payments of dividends. It then undertakes an overview of the regulation of merger and acquisition activity within Australia.

Part 3 focuses on the regulation of financial markets within Australia upon which securities are traded, and the various forms of prohibited conduct involving dealings in securities, including insider trading, market manipulation and short selling.

The subject draws upon recent and current case studies relating to the issuance of, and dealing in, securities both within Australia and overseas to further develop students' knowledge of the various topics examined. Throughout the subject, the significance of several key themes are reinforced, including the importance of timely and accurate disclosure, responsible handling of confidential information, and the potential consequences that might follow from illegal conduct. The subject also develops an appreciation of the commercial considerations that drive and influence significant transactions involving securities, and the various factors which impact upon the operation of financial markets.

Typical availability

Spring semester, City campus

78113 Securities Regulation

6ср

Postgraduate

This subject examines key issues in the law and regulation relating to securities within Australia. It begins by developing an understanding of the nature of securities as a form of corporate fundraising and then briefly examines how their issuance and trading is regulated within Australia. The regulatory roles of ASIC and ASX in relation to the issuance and trading of securities are then examined. From the basis of this foundational knowledge, the subject is structured into three parts.

Part 1 examines the regulation of securities offerings, including the objectives and focus of Australia's investor protection laws, the documentation and procedural requirements for securities offerings, and the liability issues that might arise from deficient disclosure. Part 1 concludes with an examination of the continuous disclosure requirements applying to entities that are listed on Australia's financial markets.

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The subject draws upon recent and current case studies relating to the issuance of, and dealing in, securities both within Australia and overseas to further develop students' knowledge of the various topics examined. Throughout the subject, the significance of several key themes are reinforced, including the importance of timely and accurate disclosure, responsible handling of confidential information, and the potential consequences that might follow from illegal conduct. The subject also develops an appreciation of the commercial considerations that drive and influence significant transactions involving securities, and the various factors which impact upon the operation of financial markets.

Typical availability

Spring semester, City campus

78114 Financial Analysis for the Transactional Lawyer

8cr

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject is designed to provide the knowledge and skills required to enable a transactional lawyer to engage in a corporate finance (CF) transaction. The subject begins with a review of basic CF terminology and the varieties of CF transactions. With that introduction, the subject turns to its primary focus, a command of the basic principles of finance and the related formulae which a client will use in structuring a CF transaction. The subject does not enable a student to serve as an investment banker. Rather, it is designed to enable the transactional lawyer to carry on a dialog with a CF client, and other affected parties, so as effectively to integrate legal factors into the complex of considerations involved in both the structure and effectuation of a CF transaction. The financial analysis skills acquired enable the lawyer to bridge the gap between the valuation concepts which lie at the heart of any CF transaction and the legal categories through which that analysis is effectuated. Only when such a financial analysis is melded with the applicable company and securities regulatory analysis, can the attorney be able to provide the CF documentation which is the lawyer's responsibility.

Typical availability

Spring semester, City campus

78115 Financial Analysis for the Transactional Lawyer

6ср

Postgraduate

This subject is designed to provide the knowledge and skills required to enable a transactional lawyer to engage in a corporate finance (CF) transaction. The subject begins with a review of basic CF terminology and the varieties of CF transactions. With that introduction, the subject turns to its primary focus, a command of the basic principles of finance and the related formulae which a client will use in structuring a CF transaction. The subject does not enable a student to serve as an investment banker. Rather, it is designed to enable the transactional lawyer to carry on a dialog with a CF client, and other affected parties, so as effectively to integrate legal factors into the complex of considerations involved in both the structure and effectuation of a CF transaction. The financial analysis skills acquired enable the lawyer to bridge the gap between the valuation concepts which lie at the heart of any CF transaction and the legal categories through which that analysis is effectuated. Only when such a financial analysis is melded with the applicable company and securities regulatory analysis, cna the attorney be able to provide the CF documentation which is the lawyer's responsibility.

Typical availability

Spring semester, City campus

78116 International Regulation of Financial Institutions

8ср

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

Although the activities of financial institutions (FIs) are frequently international in nature, governments have traditionally viewed FIs and their regulations as a national matter. During the recent Global Financial Crisis (GFC) the financial markets of the world came to a standstill and liquidity virtually vanished. Government intervention by a number of nations eventually prevented a total collapse. Thus,

the GFC forced recognition of its international dimension and of the interconnectedness of all financial markets and most major FIs.

This subject deals with the nature of the proposals adopted to prevent a subsequent GFC. A number of steps have been taken, but the US enactment of the *Dodd-Frank Act* (DFA), in particular, may be viewed as a template for developing an international FI regulatory regime. The subject is designed to provide: an analysis of the GFC and its causes as well as the world economy out of which it grew; a description of the international regime following the DFA and actions taken by other significant economies; a brief description of the ways in which hortatory declarations are implemented by domestic action; insight into the vitally important Basel Capital Accords; and treatment of the equally important international/domestic accounting requirements.

Typical availability

Spring semester, City campus

78117 International Regulation of Financial Institutions

6cn

Although the activities of financial institutions (FIs) are frequently international in nature, governments have traditionally viewed FIs and their regulations as a national matter. In late 2007, as the US real estate bubble started unravelling, a general recognition arose of those debt securities that were relied on for payout; so began the spiral of the Global Financial Crisis (GFC). The situation worsened when Lehman Brothers, a global financial services firm, failed and the US Government did not take action to rescue it. The financial markets of the world came to a standstill and liquidity virtually vanished. Only massive government intervention by a number of nations eventually prevented a total collapse. Thus, the GFC forced recognition of its international dimension and of the interconnectedness of all financial markets and most major FIs.

This subject deals with the nature of the proposals adopted to prevent a subsequent crisis. A number of steps have been taken, but the US enactment of the Dodd-Frank Act (DFA), in particular, may be viewed as a template for developing an international FI regulatory regime. The subject is designed to provide: an analysis of the GFC and its causes as well as the world economy out of which it grew; a description of the international regime following the DFA and actions taken by other significant economies; a brief description of the ways in which hortatory declarations are implemented by domestic action; insight into the vitally important Basel Capital Accords; and treatment of the equally important international/domestic accounting requirements.

78118 Business and Law in China

8cn

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

With China's emergence as a new economic superpower, and with ever-deepening business ties between Australia and China, it is crucial that students gain an up-to-date understanding of Chinese business law and an awareness of the major differences between Australian and Chinese legal and business cultures. This subject adopts a case-based, problem-solving approach to focus on the areas of:

- current legal system and legal/business culture of China
- Chinese investment law environment and how it differs from Australia
- corporate structures and the status of business corporations in China since China's accession to the World Trade Organization
- the legal environment for foreign entities doing business in and with China, potential risks and case studies
- China's WTO compliance and Australia-China Free Trade Agreement – case studies.

The subject is important for students wishing to understand the interactions between law, business, politics and culture in China today. Students develop practical and research skills that assist them in understanding the business environment in China in contrast to that of Australia.

Typical availability

78119 Commercial Arbitration (Domestic)

8cp

Requisite(s): 78100c Postgraduate Legal Research

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject examines the practice of arbitration from both a practical and theoretical perspective. It deals comprehensively with domestic commercial arbitration subject to the *Commercial Arbitration Act* 1984 including the jurisdiction, powers and role of the arbitrator, how the arbitration is to be conducted and the award presented and enforced.

This is a comprehensive coverage of this area suitable for any student contemplating participation in arbitrations, either as a legal representative or as an arbitrator.

Typical availability

Autumn semester, City campus Spring semester, City campus

78121 Corporate Insolvency

8cp

Requisite(s): 78100c Postgraduate Legal Research

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

conditions.

Postgraduate

This subject aims to provide students with a detailed and practical understanding of the various insolvency and restructuring options that are available to companies in financial distress. The discussion of corporate insolvency laws is placed within the broader commercial and social context of business failure, including the impact of insolvency on secured and unsecured creditors, employees and tort victims. In particular, this subject discusses the range of formal and informal debt restructuring techniques that may be used to assist a company in financial distress. Where relevant, the subject materials provide a comparison between Australia's corporate insolvency and restructuring laws and corresponding laws in Europe, North America and Asia.

Typical availability

Autumn semester, City campus Spring semester, City campus

78122 Corporate Insolvency

6ср

Postgraduate

This subject aims to provide students with a detailed and practical understanding of the various insolvency and restructuring options that are available to companies in financial distress. The discussion of corporate insolvency laws is placed within the broader commercial and social context of business failure, including the impact of insolvency on secured and unsecured creditors, employees and tort victims. In particular, this subject discusses the range of formal and informal debt restructuring techniques that may be used to assist a company in financial distress. Where relevant, the subject materials provide a comparison between Australia's corporate insolvency and restructuring laws and corresponding laws in Europe, North America and Asia.

Typical availability

Autumn semester, City campus Spring semester, City campus

78123 Deceptive Trade Practices

8ср

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject examines deceptive trade practices law in Australia, including the meaning of trade and commerce, the meaning of misleading or deceptive conduct, and the remedies available where there has been misleading or deceptive conduct.

Typical availability

Autumn semester, City campus Spring semester, City campus

78124 Dispute Resolution in Commerce

8ср

Requisite(s): 78100c Postgraduate Legal Research

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject provides an overview of dispute management and complaints handling systems, together with further consideration of the developing body of dispute resolution and negotiation theory and practice in the commercial context.

There is an increasing demand for the development of dispute resolution systems that avoid an adversarial approach in commercial environments where delay, high legal costs and limited possible outcomes are being perceived as counterproductive in the highly competitive commercial environment. Increasingly there have been legislative responses for providing both processes and process providers for resolving and settling commercial disputes. These developments are also studied in the context of changing corporate structures and cultures and the demands for effective, accessible, cost efficient and ethical methods for dealing with commercial disputes.

Typical availability

Autumn semester, City campus Spring semester, City campus

78125 Corporate Governance

8cn

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject deals with topics of central importance to the governance of the large, especially the publicly-held, business corporation. As a field of study, corporate governance deals with the rules, relationships, systems and processes within a corporation by which authority is allocated and its exercise reviewed and controlled. Corporate governance provides a framework which shapes the dealings and relationships between directors, managers, shareholders and others with a stake in the corporation's success. In this subject, topics are studied from a comparative perspective that takes account of developments in the principal markets and legal systems.

Typical availability

Autumn semester, City campus Spring semester, City campus

78126 Corporate Governance

6ср

Postgraduate

This subject deals with topics of central importance to the governance of the large, especially the publicly-held, business corporation. As a field of study, corporate governance deals with the rules, relationships, systems and processes within a corporation by which authority is allocated and its exercise reviewed and controlled. Corporate governance provides a framework which shapes the dealings and relationships between directors, managers, shareholders and others with a stake in the corporation's success. In this subject, topics are studied from a comparative perspective that takes account of developments in the principal markets and legal systems.

Typical availability

78127 Advanced Mediation

8cp

Requisite(s): 78100c Postgraduate Legal Research AND 78136 Dispute Resolution

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject builds on the introductory theory and practice presented in 79771 Dispute Resolution and 78029 Mediation Practice. This subject provides an overview and examination of a range of innovative mediation processes that have recently been developed to demonstrate the wide theoretical bases underpinning the development and application of mediation practice. Mediation models including narrative, transformative, relational, holistic, insight and bio-ethical are studied as well as culturally significant models that have been developed. The philosophies, theories and practice attaching to these models is also examined in the context of the diversity of their originating disciplines, including psychology, anthropology, sociology, theology and contemporary community norms.

Typical availability

Autumn semester, City campus Spring semester, City campus

78128 Child Law in Australia

8ср

Requisite(s): 78100c Postgraduate Legal Research AND 78136 Dispute Resolution

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject enhances and builds upon law studies as they relate to children; in particular, constitutional law, criminal law, contracts, torts and the law of evidence. The subject includes issues ranging from children's rights, child development theory, care and protection (including fostering), preschool and school education, civil liability, juvenile justice, legal representation, access to medical treatment and procedures. The present law in New South Wales is considered as well as the historical development of laws relating to children, proposed reforms and comparative material from other jurisdictions. The subject combines both a theoretical and a vocational approach to the study of these issues and is not only of benefit to students interested in these issues, but also to those students considering a career, or enhancing their career, in legal practice and/or the delivery of children's legal services.

Typical availability

Autumn semester, City campus Spring semester, City campus

78129 Child Law in Australia

6ср

Postgraduate

This subject enhances and builds upon law studies as they relate to children; in particular, constitutional law, criminal law, contracts, torts and the law of evidence. The subject includes issues ranging from children's rights, child development theory, care and protection (including fostering), preschool and school education, civil liability, juvenile justice, legal representation, access to medical treatment and procedures. The present law in New South Wales is considered as well as the historical development of laws relating to children, proposed reforms, and comparative material from other jurisdictions. The subject combines both a theoretical and a vocational approach to the study of these issues and is not only of benefit to students interested in these issues, but also to those students considering a career, or enhancing their career, in legal practice and/or the delivery of children's legal services.

Typical availability

Autumn semester, City campus Spring semester, City campus

78130 Complex Parenting Disputes

8ср

Requisite(s): 78100c Postgraduate Legal Research AND 78136 Dispute Resolution

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject addresses issues arising in complex children's cases in family law through a series of detailed case studies. It addresses disputes and intractable conflict in areas of:

- health and medical decision-making where the parents or parent and child have divergent views
- claims involving non-parents
- · sexual and physical abuse allegations
- · impaired parenting capacity
- care and protection proceedings.

The subject is of interest to anyone practising in the areas of family law and child protection. The main focus is on current Australian law, but international comparative material and future Australian reform options are also discussed.

Typical availability

Autumn semester, City campus Spring semester, City campus

78131 Complex Parenting Disputes

6ср

Postgraduate

This subject addresses issues arising in complex children's cases in family law through a series of detailed case studies. It addresses disputes and intractable conflict in areas of:

- health and medical decision-making where the parents or parent and child have divergent views
- claims involving non-parents
- sexual and physical abuse allegations
- · impaired parenting capacity
- · care and protection proceedings.

The subject is of interest to anyone practising in the areas of family law and child protection. The main focus is on current Australian law, but international comparative material and future Australian reform options are also discussed.

Typical availability

Autumn semester, City campus Spring semester, City campus

78132 Complex Financial and Property Disputes (in Family Law)

8ср

Requisite(s): 78100c Postgraduate Legal Research AND 78136 Dispute Resolution

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject builds upon previous study and/or practice in family law. It aims to develop an advanced understanding of the forms of proprietary relief which are available to resolve complex property disputes arising from relationship breakdown. Apart from considering recent legislative reform and judicial decisions, the subject considers various topics including financial agreements, late applications, superannuation, third parties, creditors and bankruptcy, setting aside orders, enforcement and the implications of revenue law. The subject also aims to encourage students to think critically, reflexively and creatively about the resolution of these complex issues.

Typical availability

78133 Complex Financial and Property Disputes (in Family Law)

6ср

Requisite(s): C04143 Master of Laws OR C02027 Doctor of Juridical Science OR C04148 Master of Law and Legal Practice OR C04147 Master of Legal Studies OR C07074 Graduate Diploma in Legal Studies

Postgraduate

This subject builds upon previous study and/or practice in family law. It aims to develop an advanced understanding of the forms of proprietary relief which are available to resolve complex property disputes arising from relationship breakdown. Apart from considering recent legislative reform and judicial decisions, the subject considers various topics including financial agreements, late applications, superannuation, third parties, creditors and bankruptcy, setting aside orders, enforcement and the implications of revenue law. The subject also aims to encourage students to think critically, reflexively and creatively about the resolution of these complex issues.

Typical availability

Autumn semester, City campus Spring semester, City campus

78134 Current Issues in Family Law

8cp

Requisite(s): 78100c Postgraduate Legal Research AND 78136 Dispute Resolution

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject builds upon previous study and/or practice in family law. It aims to develop a broader understanding of family law in its social context, including an understanding of the processes of law reform and policy development. The course content reflects current issues and developments in key areas such as relationship recognition, parenting disputes and child protection, financial support and property division. It also considers dispute resolution options, the financing of litigation and any relevant changes to the Family Law Rules and the delivery of related services. Overall, the subject encourages students to think critically and reflexively about current policy arguments, legal issues and the practice of family law.

Typical availability

Autumn semester, City campus Spring semester, City campus

78135 Current Issues in Family Law

6ср

Postgraduate

This subject builds upon previous study and/or practice in family law. It aims to develop a broader understanding of family law in its social context, including an understanding of the processes of law reform and policy development. The course content reflects current issues and developments in key areas such as relationship recognition, parenting disputes and child protection, financial support and property division. It also considers dispute resolution options, the financing of litigation and any relevant changes to the Family Law Rules and the delivery of related services. Overall, the subject encourages students to think critically and reflexively about current policy arguments, legal issues and the practice of family law.

Typical availability

Autumn semester, City campus Spring semester, City campus

78136 Dispute Resolution

8ср

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject is an introduction to the philosophy, theory and practice of dispute resolution, an area of increasing importance in all professions, business, and government. The new legal advocacy is based on the principles and processes studied in this subject.

The subject content reflects the changes in the many state and federal jurisdictions necessary to integrate a range of voluntary and compulsory dispute resolution processes with adversarial proceedings. The subject also covers the development and application of an ever-widening range of private and public situations dispute resolution processes required under legislation or government and professional requirements.

This emerging practice of professional dispute resolution is examined both within and outside the legal profession. Overall, the subject encourages students to think critically and reflexively about this emerging area of practice, the legal, professional and policy issues, and to learn the core practical skills.

Typical availability

Autumn semester, City campus Spring semester, City campus

78137 Facilitation

8cn

Requisite(s): 78100c Postgraduate Legal Research AND 78136 Dispute Resolution

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Postgraduate

This subject covers the range of facilitative processes and techniques applied to the resolution of disputes in both the public and private arenas. Students are introduced to the extensive scholarship, strategies and skills that are required for the resolution of disputes using consultative, consensus-seeking and restorative processes with the assistance of a facilitator. The subject focuses on the use of these processes in the resolution of a broad range of multi-party disputes where mediation and conciliation processes are not indicated. The subject examines the design and use of these processes in:

- the public arena, such as environmental and other multi-party disputes involving governmental and quasi-governmental, social and community concerns
- the juvenile and adult criminal justice system
- family and civil law systems, such as in the resolution of family welfare disputes and multi-party family or community-based disputes
- schools and other educational organisations and other institutions where the needs of community behaviour require disciplinary systems that are both restorative and educational.

In addition, the subject examines, generally, where a process, required to address concerns of parties to a dispute, is able to provide a satisfying and effective outcome that also has the possibility of being transformative for the participants and for the community. In particular, the subject involves students in the critical study of the scholarship, the philosophy and values, the skills and the issues arising out of the application of these facilitative processes.

Typical availability

Autumn semester, City campus Spring semester, City campus

78138 Facilitation

6ср

Requisite(s): 79771 Dispute Resolution

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject covers the range of facilitative processes and techniques applied to the resolution of disputes in both the public and private arenas. Students are introduced to the extensive scholarship, strategies and skills that are required for the resolution of disputes using consultative, consensus-seeking and restorative processes with the assistance of a facilitator. The subject focuses on the use of these processes in the resolution of a broad range of multi-party disputes where mediation and conciliation processes are not indicated. The subject examines the design and use of these processes in:

- the public arena, such as environmental and other multi-party disputes involving governmental and quasi-governmental, social and community concerns
- the juvenile and adult criminal justice system

- family and civil law systems, such as in the resolution of family welfare disputes and multi-party family or community-based disputes
- schools and other educational organisations and other institutions where the needs of community behaviour require disciplinary systems that are both restorative and educational.

In addition, the subject examines, generally, where a process, required to address concerns of parties to a dispute, is able to provide a satisfying and effective outcome that also has the possibility of being transformative for the participants and for the community. In particular, the subject involves students in the critical study of the scholarship, the philosophy and values, the skills and the issues arising out of the application of these facilitative processes.

Typical availability

Autumn semester, City campus Spring semester, City campus

78139 Family Dispute Resolution

8ср

Requisite(s): 78100c Postgraduate Legal Research AND 78136 Dispute Resolution

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject is an introduction to the theory and practice of the emerging family law framework that is supported by new legislation and developing practice in family dispute resolution.

This subject studies the evolving alternatives to adjudication of family law matters and the demand for new dispute resolution systems and processes to avoid an adversarial approach to family disputes. The influence of the social sciences in this field and the growing body of research that examines the negative impact of protracted litigation on families, and in particular, children, is examined.

As well as the legislative and theoretical aspects of family dispute resolution, this subject comprehensively explores the combination of voluntary and compulsory dispute resolution processes, supported by government policy and legislation, in this new family law framework. The quality and complementary aspects voluntary and compulsory approaches are also examined in terms of the accessibility and effectiveness of the new family law framework.

This subject also examines the emerging practice of collaborative law and the impact this will have on modern legal advocacy and professional practice.

Typical availability

Autumn semester, City campus Spring semester, City campus

78140 International and Comparative Family Law

8ср

Requisite(s): 78100c Postgraduate Legal Research AND 78136 Dispute Resolution

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject explores issues in family law from an international and comparative perspective. It examines the legal relationship among children, families and the state, with special emphasis on the United Nations Convention of the Rights of the Child 1989 and other human rights documents that govern the role of government and the law in family life. The course compares and contrasts Australian family law with one or more international jurisdictions (e.g. the United States, the United Kingdom, New Zealand and Canada) on a number of issues including relationships (formation and recognition), parenting and parenting disputes, and financial disputes following relationship breakdown. The subject specifically examines how international treaties (such as the Hague Conventions) have shaped the development of family law.

Typical availability

Autumn semester, City campus Spring semester, City campus

78141 International and Comparative Family Law

6ср

Postgraduate

This subject explores issues in family law from an international and comparative perspective. It examines the legal relationship among children, families and the state, with special emphasis on the United Nations Convention of the Rights of the Child 1989 and other human rights documents that govern the role of government and the law in family life. The course compares and contrasts Australian family law with one or more international jurisdictions (e.g. the United States, the United Kingdom, New Zealand and Canada) on a number of issues including relationships (formation and recognition), parenting and parenting disputes, and financial disputes following relationship breakdown. The subject specifically examines how international treaties (such as the Hague Conventions) have shaped the development of family law.

Typical availability

Autumn semester, City campus Spring semester, City campus

78142 New Families, New Technologies

8cn

Requisite(s): 78100c Postgraduate Legal Research AND 78136 Dispute Resolution

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject explores laws that regulate and impact upon 'new families'; those formed through non-normative means. It primarily focuses on legal issues for families formed with the assistance of reproductive technologies, but also examines surrogacy and adoption, using a family law perspective. The issues include:

- health policy and legal regulations governing the provision of reproductive technologies
- the rights of prospective parents and gamete donors during treatment
- direct legal regulation of practices such as surrogacy
- the parental status of children born through assisted reproductive technologies, and
- domestic and international law, government policy and practice around adoption (in particular, inter-country adoption).

While this subject complements subjects such as BioMedical Law and Law and Medicine, its focus is firmly on the recipients rather than the providers of new reproductive technologies. The approach centres family formation and examines avenues for legal recognition of family relationships formed through non-traditional means. Adoption and international adoption is also considered for this reason. The main focus is on current Australian law, but international comparative material and future Australian reform options is also discussed.

Typical availability

Autumn semester, City campus Spring semester, City campus

78143 Psychology and Dispute Resolution

8ср

Requisite(s): 78100c Postgraduate Legal Research AND 78136 Dispute Resolution

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject is an introduction to key concepts in psychology that have relevance for dispute resolution practise. A main focus of this subject is the application of psychological concepts to disputes and conflict situations in order to understand what is going on and to start to learn to harness new skills and paradigms to work more effectively with ongoing conflict and within the dispute resolution process.

It is presented in an intensive program of three full-day sessions on campus plus a day of seminar presentations. These four day sessions are supplemented by readings and research in an area of the subject that interests the student.

During the full-day sessions each psychological concept is explored using the following format:

- theory: past and current
- research: evidence for and against the theory
- application of the concept to dispute resolution
- · practice: exercises, homework, role-play
- discussion: as a student / practitioner how can I apply this?; what is its value?; what have I learnt?
- future directions:
 - how is the concept evolving?; what are the implications for the practice of dispute resolution?
 - as a student/practitioner: where do I go from here?; what action can I take?

Typical availability

Autumn semester, City campus Spring semester, City campus

78144 Contemporary Issues in Health Law

8cp

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject deals with current issues in health law. The area of health is dynamic and ever evolving and the law must recognise the rapid developments and impact of new technologies, treatments and consider the future impact of current policies. Class discussion focuses on the need for regulation; the current systems in place; the responses to the ethical and legal dilemmas that may arise and the contribution that the law makes. Topics include the rapid advancement and future direction of medical technology; neuroscience and law; public health issues such as obesity, alcohol, pandemics; aged care and tobacco; responses to emergencies; drug policy and the effects on the health system; the pharmaceutical industry; International perspectives; discrimination and access to treatment; e-health and the cosmetic surgery industry.

Typical availability

Autumn semester, City campus Spring semester, City campus

78145 Contemporary Issues in Health Law

6ср

Postgraduate

This subject deals with current issues in health law. The area of health is dynamic and ever evolving and the law must recognise the rapid developments and impact of new technologies, treatments and consider the future impact of current policies. Class discussion focuses on the need for regulation; the current systems in place; the responses to the ethical and legal dilemmas that may arise and the contribution that the law makes. Topics include the rapid advancement and future direction of medical technology; neuroscience and law; public health issues such as obesity, alcohol, pandemics; aged care and tobacco; responses to emergencies; drug policy and the effects on the health system; the pharmaceutical industry; International perspectives; discrimination and access to treatment; e-health and the cosmetic surgery industry.

Typical availability

Autumn semester, City campus Spring semester, City campus

78146 Dilemmas in Biomedical Law

8ср

Requisite(s): [78100c Postgraduate Legal Research AND (C04236 Juris Doctor OR C04250 Juris Doctor Master of Business Administration))

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject provides an in-depth exploration of select current issues in the way in which the legal system responds to new biomedical developments. It is often assumed that law reform solves many of the dilemmas which society faces through technological advances in areas such as genetic testing and cloning. This subject examines such traditional assumptions as to the efficacy of legal regulation through an analysis of the strengths and limitations of differing regulatory choices. From hard law through to soft law, this subject uses the issues that arise in biomedical law and the principles of bioethics to examine policy choices and practical outcomes. In particular, the subject seeks to examine the impact which emerging medical developments may have on society, and to explore possible legal solutions to deal with the challenges presented by such innovations.

Typical availability

Autumn semester, City campus Spring semester, City campus

78147 Dilemmas in Biomedical Law

6ср

Postgraduate

This subject provides an in-depth exploration of select current issues in the way in which the legal system responds to new biomedical developments. It is often assumed that law reform solves many of the dilemmas which society faces through technological advances in areas such as genetic testing and cloning. This subject examines such traditional assumptions as to the efficacy of legal regulation through an analysis of the strengths and limitations of differing regulatory choices. From hard law through to soft law, this subject uses the issues that arise in biomedical law and the principles of bioethics to examine policy choices and practical outcomes. In particular, the subject seeks to examine the impact which emerging medical developments may have on society, and to explore possible legal solutions to deal with the challenges presented by such innovations.

Typical availability

Autumn semester, City campus Spring semester, City campus

78148 Law and Medicine

8ср

Requisite(s): 78100c Postgraduate Legal Research
These requisites may not apply to students in certain courses.
There are also course requisites for this subject. See access conditions.

Postgraduate

This subject deals with the interface between law and medicine. It provides a specialist examination of the issues which confront both health care providers and their patients in the context of continuing systemic and resource problems. These issues include the handling of complaints against health care professionals and the regulation of the professions, the duties of doctors and medical negligence, consent to treatment, access to medical records and confidentiality, and alternative or complementary medicine.

Typical availability

78149 Law and Mental Health

8cp

Requisite(s): 78100c Postgraduate Legal Research

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject is designed to give students an introduction and overview of the interface between the disciplines of psychiatry and law. It examines how the empirical research and theories of psychology intersect with the application of legal principles and practices. As a result of successfully completing this subject, students should be able to translate personal and/or social issues concerning the study of mental illness into the practice of mental health law. Furthermore, students should be able to evaluate the efficacy of different perspectives in relation to contemporary debates about mental illness. Students should also demonstrate successful teamwork, involving the ability to participate in collaborative learning activities, both face-to-face and also demonstrate the development of independent learning skills.

Typical availability

Autumn semester, City campus Spring semester, City campus

78150 Law and Mental Health

6ср

Postgraduate

This subject is designed to give students an introduction and overview of the interface between the disciplines of psychiatry and law. It examines how the empirical research and theories of psychology intersect with the application of legal principles and practices. As a result of successfully completing this subject, students should be able to translate personal and/or social issues concerning the study of mental illness into the practice of mental health law. Furthermore, students should be able to evaluate the efficacy of different perspectives in relation to contemporary debates about mental illness. Students should also demonstrate successful teamwork, involving the ability to participate in collaborative learning activities, both face-to-face and also demonstrate the development of independent learning skills.

Typical availability

Autumn semester, City campus Spring semester, City campus

78151 Human Rights Law

8ср

Requisite(s): 78100c Postgraduate Legal Research

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

International human rights law is a body of law with important substantive and procedural aspects in its application. As a body of law that is designed to oversee the treatment of individuals and groups by the state machinery, it has significant implications for all countries and calls for a systematic, scholarly analysis to ensure its proper understanding and practice. As a discipline, international human rights law is relevant not only to societies with oppressive regimes, but also to those with sophisticated, democratic institutions. International human rights norms impose obligations on the state by ensuring that it is accountable internationally for the treatment of persons both at the hands of government institutions and officials and through the acts of other private persons. The aim of this subject is to provide students with knowledge of, and interpretive skills in, international and regional human rights law by examining the concept and history of human rights, the supra-national institutions and mechanisms concerned with the promotion and protection of human rights, the substantive legal principles governing the interpretation and application of international and regional human rights laws, and the issues associated with their implementation in the domestic sphere.

Typical availability

Autumn semester, City campus Spring semester, City campus

78152 International Commercial Transactions

8ср

Requisite(s): 78100c Postgraduate Legal Research

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

conditions.

Postgraduate

This subject provides an overview of international business transactions and the framework for international regulation of commercial transactions. Furthermore, the subject provides an overview of international trade organisations (e.g. WTO, EU) and the uniform law applicable to international sale of goods (CISG).

Other key themes in the subject include aspects of the international regulation of trade in goods: WTO; an overview of licensing transactions and licensing into the EU; an overview of foreign direct investment and issues of investing in Europe.

The subject also provides an introduction to dispute resolution issues; and an overview of trans-boundary dispute resolution.

Typical availability

Autumn semester, City campus Spring semester, City campus

78153 International Commercial Transactions

6ср

Postgraduate

This subject provides an overview of international business transactions and the framework for international regulation of commercial transactions. Furthermore, the subject provides an overview of international trade organisations (e.g. WTO, EU) and the uniform law applicable to international sale of goods (CISG).

Other key themes in the subject include aspects of the international regulation of trade in goods: WTO; an overview of licensing transactions and licensing into the EU; an overview of foreign direct investment and issues of investing in Europe.

The subject also provides an introduction to dispute resolution issues; and an overview of trans-boundary dispute resolution.

Typical availability

Autumn semester, City campus Spring semester, City campus

78154 International Criminal Law

8cn

Requisite(s): 78100c Postgraduate Legal Research

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject examines international criminal law from both theoretical and practical perspectives. The subject commences by examining the historical and conceptual framework of international criminal law and justice, as well as the sources of international criminal law. It then examines the jurisdictional ability of international law to prosecute individuals responsible for war crimes, genocide, crimes against humanity, aggression, torture, and terrorism. The history of international criminal courts and tribunals is also examined including the theoretical bases for the establishment of the ad hoc international criminal tribunals, the International Criminal Court, and their temporal and subject matter jurisdiction. Following on, the subject examines key principles of international criminal justice including principles of criminal culpability, as well as possible exclusions and defences, and judicial procedures to be applied. The subject then examines the substantive law of war crimes, crimes against humanity, aggression, torture, and terrorism, including their scope both as treaty and customary crimes, as well as key prosecutions that have taken place concerning the respective crimes.

Typical availability

78155 International Environmental Law: Policy and Implementation

8ср

Requisite(s): 78100c Postgraduate Legal Research
These requisites may not apply to students in certain courses.
There are also course requisites for this subject. See access conditions.

Postgraduate

This subject addresses the nature, scope, structure and implementation of international environmental law. It introduces students to treaty law, soft law and customary international law relating to the protection, conservation and management of the world's environment. Concepts and principles that have been employed for environmental protection are examined. This subject gives special attention to contemporary environmental problems. These include global warming, ozone depletion, marine pollution, trans-boundary movements of hazardous wastes, biodiversity and trade and the environment. The role of the UN and and other multilateral organisations and the role of the international court of justice in formulating and developing international environmental law is highlighted. Selected domestic implementation is also explored.

Typical availability

Autumn semester, City campus Spring semester, City campus

78156 International Environmental Law: Policy and Implementation

6ср

Postgraduate

This subject addresses the nature, scope, structure and implementation of international environmental law. It introduces students to treaty law, soft law and customary international law relating to the protection, conservation and management of the world's environment. Concepts and principles that have been employed for environmental protection are examined. This subject gives special attention to contemporary environmental problems. These include global warming, ozone depletion, marine pollution, trans-boundary movements of hazardous wastes, biodiversity and trade and the environment. The role of the UN and and other multilateral organisations and the role of the international court of justice in formulating and developing international environmental law is highlighted. Selected domestic implementation is also explored.

Typical availability

Autumn semester, City campus Spring semester, City campus

78157 Private International Law

8ср

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject is an advanced study of private international law as it operates within the Commonwealth of Australia and in relation to overseas countries, with emphasis on issues of current relevance, and with reference to American and European law. In this context, governing doctrinal principles and leading cases on conflicting issues from private law, including torts, contracts, agency, marriage, divorce, inheritance and real property are discussed. Important rules laid down in international treaties, which have priority over national conflict of laws are addressed. In particular, current developments at the Hague Conference on Private International Law and in the European Union are examined. The foundation of private international law is also explored.

Typical availability

Autumn semester, City campus Spring semester, City campus

78158 Private International Law

6ср

Postgraduate

This subject is an advanced study of private international law as it operates within the Commonwealth of Australia and in relation to overseas countries, with emphasis on issues of current relevance, and with reference to American and European law. In this context, governing doctrinal principles and leading cases on conflicting issues from private law, including torts, contracts, agency, marriage, divorce, inheritance and real property are discussed. Important rules laid down in international treaties, which have priority over national conflict of laws are addressed. In particular, current developments at the Hague Conference on Private International Law and in the European Union are examined. The foundation of private international law is also explored.

Typical availability

Autumn semester, City campus Spring semester, City campus

78159 Rights and Obligations in the International Legal System

8cp

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This is a foundational subject in the LLM International Law program. The objective of the subject is to develop an advanced understanding of the basis and scope of the rights and obligations of states in the international legal system. While the design of the subject pays close attention to the theoretical foundations of international law, its substance emphases the problems in the practical application of the law and leads students to critically evaluate the limits of state obligations in the international legal system, and the role of the practitioner in the resolution of legal problems in the system. Through the use of specific topical issues, the subject aims at equipping the student with an in-depth understanding of the interface between domestic law and international law, and the relevance of international law rules to the practice of law in the domestic context. At the end of the subject, students are expected to have gained a full understanding of the principal theories in international law relating to the basis of obligation of states and how such theories in practice relate to the behaviour of states in international relations and in domestic law. Students also gain a high level of insight and understanding of the practical relevance and application of international law through the comprehensive analysis of selected topical events.

Typical availability

Autumn semester, City campus Spring semester, City campus

78160 Rights and Obligations in the International Legal System

6ср

Postgraduate

This is a foundational subject in the LLM International Law program. The objective of the subject is to develop an advanced understanding of the basis and scope of the rights and obligations of states in the international legal system. While the design of the subject pays close attention to the theoretical foundations of international law, its substance emphases the problems in the practical application of the law and leads students to critically evaluate the limits of state obligations in the international legal system, and the role of the practitioner in the resolution of legal problems in the system. Through the use of specific topical issues, the subject aims at equipping the student with an in-depth understanding of the interface between domestic law and international law, and the relevance of international law rules to the practice of law in the domestic context. At the end of the subject, students are expected to have gained a full understanding of the principal theories in international law relating to the basis of obligation of states and how such theories in practice relate to the behaviour of states in international relations and in domestic law. Students also gain a high level of insight and understanding of the practical relevance and application of international law through the comprehensive analysis of selected topical events.

Typical availability

Autumn semester, City campus Spring semester, City campus

78161 Global Governance and Social Justice

8cp

Requisite(s): 78100c Postgraduate Legal Research

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postaraduate

The subject examines aspects of international governance which advance social justice. Beginning with a discussion of the notion of social justice within an international context, the subject analyses the impact of international agreements in promoting the aims and objectives of social justice. The focus of the subject is on key structures and processes at the global level (especially the United Nations) and at regional levels (such as the European Union and ASEAN) and their interaction with nation states. It considers these issues in the broad context of economic and social governance as well as in more specific areas such as taxation and labour. Special attention is given to the role of civil society.

Typical availability

Autumn semester, City campus Spring semester, City campus

78162 Global Governance and Social Justice

6ср

Postgraduate

The subject examines aspects of international governance which advance social justice. Beginning with a discussion of the notion of social justice within an international context, the subject analyses the impact of international agreements in promoting the aims and objectives of social justice. The focus of the subject is on key structures and processes at the global level (especially the United Nations) and at regional levels (such as the European Union and ASEAN) and their interaction with nation states. It considers these issues in the broad context of economic and social governance as well as in more specific areas such as taxation and labour. Special attention is given to the role of civil society.

Typical availability

Autumn semester, City campus Spring semester, City campus

78163 Law and Regulation

8cp

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject explores the concept of regulation. As political, economic and social change occurs traditional methods of regulating the economy, preserving the environment, enhancing protections of rights/ensuring liability and providing social justice become less effective. This subject aims to examine the traditional aspects of regulation and juxtapose them against the new forms of regulation which may possibly create better avenues for outcomes. These new forms of regulation, sometimes terms 'new governance' expand across balancing national, international and supra-national coordination or enhancing the cooperation between public and private institutions. The aim of this subject is to build upon a traditional understanding of regulation and to begin to explore the institutions and techniques which are producing novel outcomes and practices.

Typical availability

Autumn semester, City campus Spring semester, City campus

78164 Law and Regulation

6ср

Postgraduate

This subject explores the concept of regulation. As political, economic and social change occurs traditional methods of regulating the economy, preserving the environment, enhancing protections of rights/ensuring liability and providing social justice become less effective. This subject aims to examine the traditional aspects of regulation and juxtapose them against the new forms of regulation which may possibly create better avenues for outcomes. These new forms of regulation, sometimes terms 'new governance' expand across balancing national, international and supra-national coordination or enhancing the cooperation between public and private institutions. The aim of this subject is to build upon a traditional understanding of regulation and to begin to explore the institutions and techniques which are producing novel outcomes and practices.

Typical availability

Autumn semester, City campus Spring semester, City campus

78165 Media and Entertainment Law and Regulation

8ср

Requisite(s): 78100c Postgraduate Legal Research OR 78203c Communications and Intellectual Property Law Overview These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject examines the legal and industry self-regulation of media and entertainment content. Students examine the policy and legal issues surrounding regulation of media and entertainment content (including arts, film, broadcasting, music, gaming, and telecommunications), particularly in light of developing media and communications technologies. Throughout the subject students analyse laws that restrict what can be expressed, exhibited, broadcast, published or distributed. Topics include freedom of speech, defamation, contempt, hate speech and vilification, obscenity and pornography, sedition, copyright, and the regulation of the internet.

Typical availability

Autumn semester, City campus Spring semester, City campus

78166 Media and Entertainment Law and Regulation

6ср

Postgraduate

This subject examines the legal and industry self-regulation of media and entertainment content. Students examine the policy and legal issues surrounding regulation of media and entertainment content (including arts, film, broadcasting, music, gaming, and telecommunications), particularly in light of developing media and communications technologies. Throughout the subject students analyse laws that restrict what can be expressed, exhibited, broadcast, published or distributed. Topics include freedom of speech, defamation, contempt, hate speech and vilification, obscenity and pornography, sedition, copyright, and the regulation of the internet.

Typical availability

Autumn semester, City campus Spring semester, City campus

78167 Perspectives on Regulation

8ct

Requisite(s): 78100c Postgraduate Legal Research
These requisites may not apply to students in certain courses.
There are also course requisites for this subject. See access conditions.

Postgraduate

This subject aims to offer the perspective of the 'regulator'. In particular it examines the strengths and weaknesses of regulatory technique from both a practical and theoretical perspective. The purpose of a subject such as this is to recognise the increasing role that the legal practitioner plays in applying and developing 'soft' or 'grey letter' law rather than the more traditional black letter law. This means that, for example, this subject offers a unique insight into the ability of mechanisms of external review such as ombudsman and

tribunals to achieve administrative justice. It compares and contrasts the impact and effect of regulatory institutions and discuss the role and function and impact of regulatory institutions and isolate and analyse the effectiveness of those institutions from the perspective of the regulator. Such discussion involves determining the regulatory interests of all relevant stakeholders.

Typical availability

Autumn semester, City campus Spring semester, City campus

78168 Perspectives on Regulation

6ср

Postgraduate

This subject aims to offer the perspective of the 'regulator'. In particular it examines the strengths and weaknesses of regulatory technique from both a practical and theoretical perspective. The purpose of a subject such as this is to recognise the increasing role that the legal practitioner plays in applying and developing 'soft' or 'grey letter' law rather than the more traditional black letter law. This means that, for example, this subject offers a unique insight into the ability of mechanisms of external review such as ombudsman and tribunals to achieve administrative justice. It compares and contrasts the impact and effect of regulatory institutions and discuss the role and function and impact of regulatory institutions and isolate and analyse the effectiveness of those institutions from the perspective of the regulator. Such discussion involves determining the regulatory interests of all relevant stakeholders.

Typical availability

Autumn semester, City campus Spring semester, City campus

78169 Regulatory Strategies and Compliance Principles

8cn

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Postgraduate

It is difficult to go for more than a week without reading newspaper reports concerning regulatory issues and animal welfare. Whether the stories relate to acts of cruelty to animals, the treatment of animals in laboratories, the labelling of eggs as free-range, or the shipment of live animals, interest in the plight of non-human animals is becoming increasingly important in our society. Over the last decade, this importance has been equalled by the steady growth of interest in animal law. It is a cutting edge area of the law, highlighted by the increasing number of universities that offer law courses in the subject and the growing number of academic journals devoted to animal law issues.

The subject is designed to provide students with a sound understanding of the fundamentals of regulatory theory and animal law as they apply to farm animals, however the principles learned in this subject apply to animal welfare issues in general. Topics covered include an introduction to regulatory theory and compliance, the difference between animal welfare and animal rights, animals as property, prevention of cruelty, codes of conduct in farming and developments on the international scene.

Typical availability

Autumn semester, City campus Spring semester, City campus

78170 Regulatory Strategies and Compliance Principles

6ср

Postgraduate

It is difficult to go for more than a week without reading newspaper reports concerning regulatory issues and animal welfare. Whether the stories relate to acts of cruelty to animals, the treatment of animals in laboratories, the labelling of eggs as free-range, or the shipment of live animals, interest in the plight of non-human animals is becoming increasingly important in our society. Over the last decade, this importance has been equalled by the steady growth of interest in animal law. It is a cutting edge area of the law, highlighted by the increasing number of universities that offer law courses in the subject and the growing number of academic journals devoted to animal law issues.

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Typical availability

Autumn semester, City campus Spring semester, City campus

78171 Crisis Negotiation

8cp

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject provides a theoretical overview of, and instruction in, the process of crisis negotiation. This subject aims to develop the student's skills in negotiating crisis situations and in dealing with a hard-bargainer and 'dirty tricks'. It also addresses the use of negotiation in critical incidents, such as crisis management in the corporate sector, up to the use of the process in counter terrorism. This subject builds on the subject content of 77745 Negotiation, in particular, knowledge of the negotiation process and communication techniques. The subject aims to give the student knowledge and practical skills in negotiation to deal peacefully with potentially volatile situations. The subject is designed for students that may be working in a profession that has exposure to these types of situations (e.g. front line counter staff, psychiatric nurses, community mediators, crisis team workers, social workers, ambulance officers, police officers) and those students interested in the specific application of the negotiation process in critical situations.

Typical availability

Autumn semester, City campus Spring semester, City campus

78172 Dispute Resolution in Civil Practice

8cn

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject explores court connected processes which incorporate dispute resolution processes into the court system. It draws on programs in courts in Australia and overseas. It addresses the impact of dispute resolution on the formal adversarial system, and examines the interface of the informal and formal systems, and the effect of the formal systems on the less formal dispute resolution processes.

Typical availability

Autumn semester, City campus Spring semester, City campus

78173 Dispute Resolution in Civil Practice

6ср

Requisite(s): 79771 Dispute Resolution

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject explores court connected processes which incorporate dispute resolution processes into the court system. It draws on programs in courts in Australia and overseas. It addresses the impact of dispute resolution on the formal adversarial system, and examines the interface of the informal and formal systems, and the effect of the formal systems on the less formal dispute resolution processes.

Typical availability

78174 Mediation Practice

8cp

Requisite(s): 78100c Postgraduate Legal Research

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject is an introduction to the philosophy, theory and practice of dispute resolution, an area of increasing importance in all professions, business, and government. The new legal advocacy is based on the principles and processes studied in this subject. The subject content reflects the changes in the many state and federal jurisdictions necessary to integrate a range of voluntary and compulsory dispute resolution processes with adversarial proceedings. The subject also covers the development and application of an ever-widening range of private and public situations dispute resolution processes required under legislation or government and professional requirements. This emerging practice of professional dispute resolution is examined both within and outside the legal profession. Overall, the subject encourages students to think critically and reflexively about this emerging area of practice, the legal, professional and policy issues, and to learn the core practical skills.

Typical availability

Autumn semester, City campus Spring semester, City campus

78175 Negotiation

8cp; intensive

Requisite(s): 78100c Postgraduate Legal Research

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject is taught in intensive mode and is designed to provide an understanding of the theory and skills of negotiation. It covers the diverse approaches to negotiation, with a focus on principled negotiation as taught by the Harvard Law Faculty's Negotiation Project. This subject brings together the current theories and practice in negotiation skills and analysis with an emphasis on identifying effective negotiation strategies.

Typical availability

Autumn semester, City campus Spring semester, City campus

78176 Workplace Dispute Resolution

8cc

Requisite(s): 78100c Postgraduate Legal Research

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject builds onto the introductory theory and practice presented in the subject Dispute Resolution. This subject studies the significant changes in the past decade of both public and private sector dispute resolution processes and conflict management cultures. The supporting legislation for these cultural changes is also studied in relation to the opportunities offered to disputing parties to find satisfying solutions from both their own and their workplace perspectives.

Typical availability

Autumn semester, City campus Spring semester, City campus

78177 Converging Media Industries: Regulatory Challenges

8cp

Requisite(s): 78100c Postgraduate Legal Research OR 78203c Communications and Intellectual Property Law Overview These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

Traditional approaches to broadcasting regulation are under threat as the media landscape changes. No longer is it possible to divide neatly the sector into print, television, and radio, and regulate accordingly. New forms of media delivery are changing not only how we access content but the very nature of the content. These changes produce regulatory inconsistencies and vacuums, and challenge traditional assumptions about broadcasting regulation. Interactive media, usergenerated content and social networking sites distort traditional media roles and blur the lines between public and private space.

This subject considers the variety of regulatory models and approaches used in media regulation and examines whether there is a continuing case for regulation of media; old and new. It also considers the type of regulatory approaches which might best fit the emerging media landscape. Where appropriate, the subject also makes use of a comparative analysis with particular reference to the United Kingdom, the European Union, and the United States.

Typical availability

Autumn semester, City campus Spring semester, City campus

78178 Telecommunications Law and Regulations

6cr

Postgraduate

Telecommunications Law and Regulations provides an introduction to the law and regulation governing the provision of communications services and the operation of communications networks in Australia by companies such as Telstra, Optus, Vodafone and NBN Co, the entity responsible for building and operating the Government's promised super fast National Broadband Network. The subject explores the policy objectives behind the rules and the regulatory framework developed to achieve those goals.

Typical availability

Autumn semester, City campus Spring semester, City campus

78179 Telecommunications Law and Regulations

8cp

Requisite(s): 78100c Postgraduate Legal Research OR 78203c Communications and Intellectual Property Law Overview These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Postgraduate

Telecommunications Law and Regulations provides an introduction to the law and regulation governing the provision of communications services and the operation of communications networks in Australia by companies such as Telstra, Optus, Vodafone and NBN Co, the entity responsible for building and operating the Government's promised super fast National Broadband Network. The subject explores the policy objectives behind the rules and the regulatory framework developed to achieve those goals.

Typical availability

Autumn semester, City campus Spring semester, City campus

78180 Converging Media Industries: Regulatory Challenges

6ср

Postgraduate

Traditional approaches to broadcasting regulation are under threat as the media landscape changes. No longer is it possible to divide neatly the sector into print, television, and radio, and regulate accordingly. New forms of media delivery are changing not only how we access content but the very nature of the content. These changes produce

regulatory inconsistencies and vacuums, and challenge traditional assumptions about broadcasting regulation. Interactive media, usergenerated content and social networking sites distort traditional media roles and blur the lines between public and private space.

This subject considers the variety of regulatory models and approaches used in media regulation and examines whether there is a continuing case for regulation of media; old and new. It also considers the type of regulatory approaches which might best fit the emerging media landscape. Where appropriate, the subject also makes use of a comparative analysis with particular reference to the United Kingdom, the European Union, and the United States.

Typical availability

Autumn semester, City campus Spring semester, City campus

78181 Deceptive Trade Practices

6ср

Postgraduate

This subject examines deceptive trade practices law in Australia, including the meaning of trade and commerce, the meaning of misleading or deceptive conduct, and the remedies available where there has been misleading or deceptive conduct.

Typical availability

Autumn semester, City campus Spring semester, City campus

78182 Human Rights Law

6ср

Postgraduate

International human rights law is a body of law with important substantive and procedural aspects in its application. As a body of law that is designed to oversee the treatment of individuals and groups by the state machinery, it has significant implications for all countries and calls for a systematic, scholarly analysis to ensure its proper understanding and practice. As a discipline, international human rights law is relevant not only to societies with oppressive regimes, but also to those with sophisticated, democratic institutions. International human rights norms impose obligations on the state by ensuring that it is accountable internationally for the treatment of persons both at the hands of government institutions and officials and through the acts of other private persons. The aim of this subject is to provide students with knowledge of, and interpretive skills in, international and regional human rights law by examining the concept and history of human rights, the supra-national institutions and mechanisms concerned with the promotion and protection of human rights, the substantive legal principles governing the interpretation and application of international and regional human rights laws, and the issues associated with their implementation in the domestic sphere.

Typical availability

Autumn semester, City campus Spring semester, City campus

78183 Global Aspects of Intellectual Property Law

8cp

Requisite(s): 78100c Postgraduate Legal Research OR 78203c Communications and Intellectual Property Law Overview These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject considers the international framework of intellectual property law. Topics covered include the international institutions dealing with intellectual property (the World Trade Organization, World Intellectual Property Organization, International Union for the Protection of New Varieties of Plants and the United Nations), particularly considering their treaties and dispute mechanisms, bilateralism and the future of multilateralism in international intellectual property including the Australia-US Free Trade Agreement and emerging issues likely to affect international intellectual property over the coming years - health and access to pharmaceuticals, access to and protection of genetic resources and biodiversity, protection of traditional knowledge, the possibility of harmonisation and the digital agenda.

78184 Intellectual Property: Law and Policy

6ср

Postgraduate

This subject provides a comprehensive, in-depth and engaging examination of the legal principles of intellectual property (IP) law and the policy issues which inform the development of this law in Australia. It is designed as an introductory survey subject for graduates, practicing lawyers and students completing their first law degrees.

Each class considers a different form of intellectual property including copyright; designs; patent and trade marks law; passing-off and related actions; moral rights and performer's protection; as well as a consideration of the proposed protection indigenous cultural property. In addition, this subject touches on how to deal in IP, globalisation of IP and emerging issues in IP.

78185 Intellectual Property: Law and Policy

8cn

Requisite(s): 78100c Postgraduate Legal Research OR 78203c Communications and Intellectual Property Law Overview These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject provides an introduction and overview of the legal principles of intellectual property law and the policy issues which inform the development of this law in Australia. It is designed as an introductory survey subject for graduates, practicing lawyers and students completing their first law degrees. Classes consider the historical development of intellectual property subject matters, the international framework setting standards including the WIPO, WTO, and AUSTFA and the different forms of intellectual property including copyright, designs, patent, plant breeders protection, trade marks law, passing-off and related actions, moral rights and performers protection.

78186 Intellectual Property and Traditional Knowledge

6cp

Requisite(s): 77905c Preparing for Intellectual Property Practice These requisites may not apply to students in certain courses. See access conditions.

Postgraduate

This subject considers the nature of traditional knowledge, how intellectual property in this area is protected under the Australian legal framework, and the development of strategies for its protection. The subject includes an overview of the international treaty framework, relevant Australian legislation and concerns for Australian Indigenous peoples such as appropriation of Indigenous arts and culture, language, spirituality, biodiversity, biotechnology, medicinal knowledge, film and music.

78187 Intellectual Property and Traditional Knowledge

8ср

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: students who have previously not completed a basic intellectual property subject are recommended to enrol in 78185 Intellectual Property: Law and Policy before this subject Postgraduate

This subject considers the nature of traditional knowledge, how intellectual property in this area is protected under the Australian legal framework, and the development of strategies for its protection. The subject includes an overview of the international treaty framework, relevant Australian legislation and concerns for Australian Indigenous peoples such as appropriation of Indigenous arts and culture, language, spirituality, biodiversity, biotechnology, medicinal knowledge, film and music.

78188 Intellectual Property Commercialisation

6cp

Requisite(s): 78184 Intellectual Property: Law and Policy OR 77896 Legal Process and Intellectual Property Overview OR 77905 Preparing for Intellectual Property Practice

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject covers much of the law and some of the business and economics of buying, selling and licensing intellectual property (IP). IP is a broad field, including patents, trade secrets, copyrights, semiconductor chip protection, trademarks, trade dress, Internet domain names, and rights of publicity.

Licensing of intellectual property takes many different forms in different types of businesses. Research and manufacturing businesses typically buy, sell and license technology, such as patents and trade secrets. They also may trade in copyrights (for example, in computer programs) and protected semiconductor chip designs. Multimedia licenses, such as those for films, video games, and multimedia websites, often involve a number of copyrighted properties, and virtually every business has a trademark or trade name that might or must be licensed and sometimes is sold (for example, in a merger or acquisition).

The subject discusses most, if not all, major types of businesses and their practices in buying, selling and licensing IP. It also touches on some of the basic principles of using IP as collateral or security for other transactions, for example, bank loans. No single subject, however, can cover all the nuances of law and practice affecting all of the industries that involve IP. This subject focuses primarily on technology licensing (of patentable inventions and trade secrets), but also discusses 'soft' IP, including such things as copyrights in literary and entertainment properties, websites and computer software and multimedia properties like video games.

The subject is interdisciplinary. About one-third of its substance explores the business and economic aspects of licensing, including the scope of a license, how licensors make money, and how business people estimate the economic value of IP and licensing rights. Another third discusses legal considerations in licensing, including relevant IP law, antitrust or competition law, involuntary licensing by operation of law, standing to sue and the problems of co-ownership, the problem of 'clearing' legal rights in IP, and selected issues in international practice, such as jurisdiction and enforcement. The final third involves practice or 'skills' training in drafting and negotiating licenses and getting a 'sense of the deal' in licensing transactions.

Much of the readings involve US law, with some European Union law included. Class discussion uses the readings as a spring board for discussing licensing in more general and international contexts, and students' using their own business and/or personal experience is encouraged.

78189 Intellectual Property Commercialisation

a28

Requisite(s): 78100c Postgraduate Legal Research OR 78203c Communications and Intellectual Property Law Overview These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject covers much of the law and some of the business and economics of buying, selling and licensing intellectual property (IP). IP is a broad field, including patents, trade secrets, copyrights, semiconductor chip protection, trademarks, trade dress, Internet domain names, and rights of publicity.

Licensing of intellectual property takes many different forms in different types of businesses. Research and manufacturing businesses typically buy, sell and license technology, such as patents and trade secrets. They also may trade in copyrights (for example, in computer programs) and protected semiconductor chip designs. Multimedia licenses, such as those for films, video games, and multimedia websites, often involve a number of copyrighted properties, and virtually every business has a trademark or trade name that might or must be licensed and sometimes is sold (for example, in a merger or acquisition).

The subject discusses most, if not all, major types of businesses and their practices in buying, selling and licensing IP. It also touches on some of the basic principles of using IP as collateral or security for other transactions, for example, bank loans. No single subject, however, can cover all the nuances of law and practice affecting all of the industries that involve IP. This subject focuses primarily on technology licensing (of patentable inventions and trade secrets), but also discusses 'soft' IP, including such things as copyrights in literary and entertainment properties, websites and computer software and multimedia properties like video games.

The subject is interdisciplinary. About one-third of its substance explores the business and economic aspects of licensing, including the scope of a license, how licensors make money, and how business people estimate the economic value of IP and licensing rights. Another third discusses legal considerations in licensing, including relevant IP law, antitrust or competition law, involuntary licensing by operation of law, standing to sue and the problems of co-ownership, the problem of 'clearing' legal rights in IP, and selected issues in international practice, such as jurisdiction and enforcement. The final third involves practice or 'skills' training in drafting and negotiating licenses and getting a 'sense of the deal' in licensing transactions.

Much of the readings involve US law, with some European Union law included. Class discussion uses the readings as a spring board for discussing licensing in more general and international contexts, and students' using their own business and/or personal experience is encouraged.

78190 Patent Law

8cr

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: students who have previously not completed a basic intellectual property subject are recommended to enrol in 78185 Intellectual Property: Law and Policy before this subject Postgraduate

This subject provides an understanding of the principles of patents and the patent system in Australia. Topics covered include subject matter, section 40 of the Patents Act 1990 (specifications), infringement, inventorship, ownership and breach of confidence. Patents have been the subject of much controversy in recent times. Biotechnology challenges our traditional distinction between nature and invention; the health demands of developing countries come into conflict with the private interest of patent owners; the use of traditional knowledge of indigenous communities in biodiscovery processes can complicate the availability of patent protection; US pharmaceutical companies demand a greater role in determining what drugs should be available under Australia's Pharmaceutical Benefits Scheme; the computer software industry demands patent protection to supplement their rights in copyright; and in a growing number of cases patents can be granted for 'business methods'. In this subject, students are introduced to the law of patents - what is patentable subject matter, what are the threshold requirements of patentability, what level of disclosure is required to justify the grant of the patentee's monopoly rights, the rights of the patent holder, exploitation of patent rights, and actions for infringement. In addition, special issues relating to biotechnology patents and the international context in which Australia's patent law operates are considered. There is some attention to plant varieties rights and the use of the action for breach of confidence to protect trade secrets.

78191 Patent Systems

8ср

Requisite(s): 78100c Postgraduate Legal Research AND 78190 Patent Law

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: students who have previously not completed a basic intellectual property subject are recommended to enrol in 78185 Intellectual Property: Law and Policy before this subject Postgraduate

The subject is designed to equip students with knowledge and skills appropriate to representing the interests of a client in the prosecution and maintenance of patent applications - including advising on the desirability of seeking patent protection and provision of alternative protection in Australia and other countries. Topics covered include types of patent applications; claiming priority; Patent Office practice; amendment practice; opposition; re-examination; the maintenance of patents and patent applications; extension of term; extension of time; revocation; treaties and conventions including the Patent Cooperation Treaty (PCT), the Paris Convention and the Budapest Treaty; searching;

assignment; licensing; compulsory licenses; Crown use; restrictions on exploitation; circuit layout legislation and practice; plant protection legislation and practice; patentability in other countries (particularly with reference to New Zealand, the United States, European Union, People's Republic of China, Japan); and petty patents.

78192 Trade Marks Law

8cp; offered either by distance, requiring no attendance, or oncampus

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject provides an understanding of the principles of trade marks and the trade mark system in Australia. Topics covered include passing off and unfair competition, registrability issues, comparison of trade marks and assessment of deceptive similarity, ownership and authorship of trade marks, requirements of use in relation to trade marks, grounds of opposition, and infringement and post-registration maintenance of trade marks.

78193 Trade Marks Practice

8ср

Requisite(s): 78100c Postgraduate Legal Research AND 78192c Trade Marks Law

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: students who have previously not completed a basic intellectual property subject are recommended to enrol in 78185 Intellectual Property: Law and Policy before this subject Postgraduate

This subject gives students an understanding of the practice and procedure in respect of trademarks in Australia and abroad, covering the filing of trademark applications and the examination, opposition and registration of them, as well as removal and cancellation. The subject also provides an overview of international treaties and conventions and of the trademark practice and procedure in foreign jurisdictions such as New Zealand, Canada, the United States, various South Pacific countries, selected countries of Asia and the European Union.

78194 Designs Law and Practice

8ср

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Recommended studies: students who have previously not completed a basic intellectual property subject are recommended to enrol in 78185 Intellectual Property: Law and Policy before this subject Postgraduate

This subject concentrates on the ability to advise and to handle the interests of a client in prosecution and maintenance of a design application, including advice on the desirability of seeking design protection and provision of alternative protection in Australia and overseas. Topics covered include registrability, newness, registration procedure, maintenance, office practice, third-party objection, infringement, expunction, copyright and international aspects of design practice.

78195 Copyright Law

8ср

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Recommended studies: students who have previously not completed a basic intellectual property subject are recommended to enrol in 78185 Intellectual Property: Law and Policy before this subject Postgraduate

This subject covers the principles of copyright, the development of case law and the structure and ambit of the legislation. Students are required to develop a good working knowledge of the *Copyright Act* 1968 (as amended), and associated regulations, and to have a sound knowledge of relevant case law.

78196 Insurance Law

8cp

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

This subject looks at insurance from the perspective of a business buying insurance. It begins with risk management and, in the context of the function of insurance in risk management, considers the design of an insurance program and how business buys and sells insurance. The subject looks at the public regulatory regime governing the insurance industry, including products and markets. The approach examines in some detail the private law principles governing the relationship between insurer and insured, in particular the pre-contract matters of disclosure, terms on the risk and claims, and the structure and documentation of a typical policy. There is a focus on the main insurance principles: duty of utmost good faith, insurable interest, indemnity, subrogation, risk, non-disclosure, misrepresentation and cancellation of cover. There is material on the resolution of insurance disputes. The role of intermediaries, such as agents and brokers, is also examined. The subject concludes with case studies on the insurance market in crisis.

78197 Corporate Finance Transactions 1

6ср

Postgraduate

One of the key characteristics of the business law practice is the wide range of relevant legal disciplines. A single finance transaction may involve subject matter considerations found in multiple law school courses. At the same time, the pace of practice is such as not to permit a leisurely review of each area. It is impossible to identify all the bodies of law which might pertain to business transactions generally. It is possible, however, to focus on the areas of paramount importance, and to develop legal skills of general applicability, for lawyers engaged in corporate finance.

This subject covers advanced contract law and advanced corporation/company law, thereby providing a set of skills characteristic of good 'lawyering'. In addition to providing these knowledge components, the subject develops the legal skills necessary to memorialise a corporate finance transaction in language which achieves the desired results.

The subject is designed to develop an understanding of:

- how to analyse a client's need for capital, the type of capital infusion called for and potential sources
- how that analysis informs and governs the drafting of the relevant documents
- some of the substantive law relevant to corporate finance
- approaches to some of the problems posed by a corporate finance transaction and, particularly, by the economics of the proposed deal, and
- the way in which a transaction germinates from financial need to executed documentation.

Among the methods utilised to achieve these ends are: a drafting exercise, and a related negotiating exercise.

78198 Corporate Finance Transactions 1

8ср

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

One of the key characteristics of the business law practice is the wide range of relevant legal disciplines. A single finance transaction may involve subject matter considerations found in multiple law school courses. At the same time, the pace of practice is such as not to permit a leisurely review of each area. It is impossible to identify all the bodies of law which might pertain to business transactions generally. It is possible, however, to focus on the areas of paramount importance, and to develop legal skills of general applicability, for lawyers engaged in corporate finance.

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- how to analyse a client's need for capital, the type of capital infusion called for and potential sources
- how that analysis informs and governs the drafting of the relevant documents
- some of the substantive law relevant to corporate finance
- approaches to some of the problems posed by a corporate finance transaction and, particularly, by the economics of the proposed deal, and
- the way in which a transaction germinates from financial need to executed documentation.

Among the methods utilised to achieve these ends are: a drafting exercise, and a related negotiating exercise.

78199 Corporate Finance Transactions 2

6cr

Requisite(s): 78197 Corporate Finance Transactions 1
These requisites may not apply to students in certain courses.
There are also course requisites for this subject. See access conditions.

Postgraduate

One of the key characteristics of the business law practice is the wide range of relevant legal disciplines. A single finance transaction may involve subject matter considerations found in multiple law school courses. At the same time, the pace of practice is such as not to permit a leisurely review of each area. It is impossible to identify all the bodies of law which might pertain to business transactions generally. It is possible, however, to focus on the areas of paramount importance, and to develop legal skills of general applicability for lawyers engaged in corporate finance (CF).

This subject covers advanced contract law, advanced corporations/company law, and basic corporate finance principles, thereby providing a set of skills characteristic of good investment banking and good lawyering. In addition to providing these knowledge components, the subject develops the legal skills necessary to memorialise a CF transaction in language which achieves the desired results. The subject also covers aspects, vital to a CF lawyer, of the global financial crisis (GFC) and of ethical issues which face the CF lawyer.

The subject is designed to develop an understanding of:

- how to analyse a client's need for capital, the type of capital infusion called for and potential sources
- how that analysis informs and governs the drafting of the relevant documents
- some of the substantive law relevant to CF
- approaches to some of the problems posed by a CF transaction and, particularly, by the economics of the proposed deal
- some tools of financial analysis, and
- the way in which a transaction germinates from financial need to executed documentation.

Among the methods utilised to achieve these ends are: a drafting exercise, and a related negotiating exercise. There is a mid-term examination of the material covered in the syllabus in Article VIII, Financial Analysis.

78200 Corporate Finance Transactions 2

8ср

Requisite(s): 78100c Postgraduate Legal Research AND 78198 Corporate Finance Transactions 1

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

One of the key characteristics of the business law practice is the wide range of relevant legal disciplines. A single finance transaction may involve subject matter considerations found in multiple law school courses. At the same time, the pace of practice is such as not to permit a leisurely review of each area. It is impossible to identify all the bodies of law which might pertain to business transactions generally. It is possible, however, to focus on the areas of paramount importance, and to develop legal skills of general applicability for lawyers engaged in corporate finance (CF).

This subject covers advanced contract law, advanced corporations/company law, and basic corporate finance principles, thereby providing a set of skills characteristic of good investment banking and good 'lawyering'. In addition to providing these knowledge components, the subject develops the legal skills necessary to memorialise a CF transaction in language which achieves the desired

results. The subject also covers aspects, vital to a CF lawyer, of the global financial crisis (GFC) and of ethical issues which face the CF lawyer.

The subject is designed to develop an understanding of:

- how to analyse a client's need for capital, the type of capital infusion called for and potential sources
- how that analysis informs and governs the drafting of the relevant documents
- some of the substantive law relevant to CF
- approaches to some of the problems posed by a CF transaction and, particularly, by the economics of the proposed deal
- some tools of financial analysis, and
- the way in which a transaction germinates from financial need to executed documentation.

Among the methods utilised to achieve these ends are: a drafting exercise, and a related negotiating exercise. There is a mid-term examination of the material covered in the syllabus in Article VIII, Financial Analysis.

78201 International Development Law

6cr

Postgraduate

This subject aims at training international aid workers, NGO and international aid agency personnel and specialist legal practitioners for development. The subject focuses on a systematic study and analysis of the principles of development in developing, emerging, post-conflict and transitional economies. It examines the right to development and the role of international development assistance, legal aspects of international aid management, good governance and public accountability, principles of capacity development, human rights and community justice issues in the development process.

The subject explores the normative goals of economic development and the role of international law in facilitating development. The foundation of the subject is that international law as reflected in human rights and a strong commitment to international standards for the rule of law is an essential pre-condition for economic and social development and for achieving human security.

The subject is practical in orientation. However, it also involves studies and critical appreciation of social, gender and moral theories that underpin concepts in international law and impact on development.

78202 International Development Law

8ср

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

conditions. Postgraduate

This subject aims at training international aid workers, NGO and international aid agency personnel and specialist legal practitioners for development. The subject focuses on a systematic study and analysis of the principles of development in developing, emerging, post-conflict and transitional economies. It examines the right to development and the role of international development assistance, legal aspects of international aid management, good governance and public accountability, principles of capacity development, human rights and community justice issues in the development process.

The subject explores the normative goals of economic development and the role of international law in facilitating development. The foundation of the subject is that international law as reflected in human rights and a strong commitment to international standards for the rule of law is an essential pre-condition for economic and social development and for achieving human security.

The subject is practical in orientation. However, it also involves studies and critical appreciation of social, gender and moral theories that underpin concepts in international law and impact on development.

78203 Communications and Intellectual Property Law Overview

8cp

This foundational subject provides non-law graduates with an overview of the key legal areas relevant to the communications law program. It introduces the key current legal principles and topics generally covered by the areas of media law, broadcasting and telecommunications law, and intellectual property law, providing students with a foundational knowledge to enable them to pursue the more specialised subjects offered in the program.

The subject is compulsory for non-law graduates and recommended for law graduates who do not have a background in media, communications, or IP law. Law graduates considering enrolling in this subject who are not enrolled in the Master of Communications Law (C04242) (see page 365) or Graduate Certificate in Communications Law (C11217) (see page 461) are advised that this subject is not suitable if they already have a background in media, communications, and /or IP law. The subject also includes a component on the Australian legal system and legal method designed for non-law graduates.

78204 Legal Perspectives on the Internet

8cr

Requisite(s): 78100c Postgraduate Legal Research OR 78203c Communications and Intellectual Property Law Overview These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

This subject covers a range of legal issues which face challenges because of the internet's ubiquity and global reach. It enables students to see the interplay of media law, communications law, and intellectual property as legal and regulatory solutions are sought for online situations and the impact on freedom of expression.

78205 Regulatory Issues in the Broadband Environment

8ср

Requisite(s): 78100c Postgraduate Legal Research OR 78203c Communications and Intellectual Property Law Overview These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

This subject provides students with an awareness of the legal and regulatory problems which may arise as broadband, and in Australia, the National Broadband Network, become more firmly established as a viable alternative platform for traditional media-type content. The subject is dynamic so that topics are built around current case-studies or contemporary issues. Each case study or issue provides an opportunity for students to assess the legal implications posed and to reflect on potential solutions. At each issue, the subject examines the impact it would have on established media and communications, and/or intellectual property, policy and legal principles.

78206 International Organisations

6ср

Requisite(s): ((70115 Perspectives on Law AND 70120 Legal Method and Research) OR 77885c Legal Process and Legal Research OR 60 credit points of completed study in C04148 Master of Law and Legal Practice)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

The proliferation of intergovernmental and non-governmental organisations is one indicator of the internationalisation of social life and the interdependence of states in the early 21st century. This subject examines the principal legal issues concerning organisations composed of states. These include the legal status and powers of organisations, membership and participation, norm-creation, dispute settlement, enforcement of decisions, peace and security activities and finally the organisations' privileges and immunities as well as their legal status and powers under national law.

At the same time, the subject addresses real-world problems such as the creation of international criminal courts, the 'succession' of Russia to the USSR's seat on the UN Security Council, the response to the break-up of Yugoslavia, the jurisdictional issues in the Lockerbie-case, the possibility of judicial review of acts of the UN Security Council, the success of WTO dispute settlement, NATO action against Serbia in 1999, the military intervention in Afghanistan and Iraq in the aftermath of 9/11 and the UN administration of Kosovo and East Timor.

Primary consideration is given to the development of the United Nations. Other universal organisations such as ILO, the Bretton Woods institutions, WTO or ICAO, as well as regional ones such as the Council of Europe, the EU and others are also dealt with. This subject does not try to provide a comprehensive picture of all of these organisations, rather it aims at helping students understand the common legal problems faced by international institutions.

78207 International Organisations

8cp

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

The proliferation of intergovernmental and non-governmental organisations is one indicator of the internationalisation of social life and the interdependence of states in the early 21st century. This subject examines the principal legal issues concerning organisations composed of states. These include the legal status and powers of organisations, membership and participation, norm-creation, dispute settlement, enforcement of decisions, peace and security activities and finally the organisations' privileges and immunities as well as their legal status and powers under national law.

At the same time, the subject addresses real-world problems such as the creation of international criminal courts, the 'succession' of Russia to the USSR's seat on the UN Security Council, the response to the break-up of Yugoslavia, the jurisdictional issues in the Lockerbie-case, the possibility of judicial review of acts of the UN Security Council, the success of WTO dispute settlement, NATO action against Serbia in 1999, the military intervention in Afghanistan and Iraq in the aftermath of 9/11 and the UN administration of Kosovo and East Timor.

Primary consideration is given to the development of the United Nations. Other universal organisations such as ILO, the Bretton Woods institutions, WTO or ICAO, as well as regional ones such as the Council of Europe, the EU and others are also dealt with. This subject does not try to provide a comprehensive picture of all of these organisations, rather it aims at helping students understand the common legal problems faced by international institutions.

78208 Taxation of Commercial Enterprises

8cp

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

The Australian legal framework allows for commercial enterprises to be structured in a number of ways. Correspondingly, the Australian taxation system provides for different taxation treatment for different commercial enterprise structures. This subject assumes that students have undertaken at least an undergraduate taxation subject, with the content in this subject building upon that knowledge. The subject examines the taxation provisions applying to the most common of the commercial enterprise structures, being sole traders, companies, partnerships and trusts. The subject additionally examines the restrictions and limitations that operate to prevent taxpayers exploiting these different tax treatments to avoid a taxation liability.

78209 Taxation of Commercial Enterprises

6cp

Requisite(s): 76212 Revenue Law OR 60 credit points of completed study in C04148 Master of Law and Legal Practice These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

The Australian legal framework allows for commercial enterprises to be structured in a number of ways. Correspondingly, the Australian taxation system provides for different taxation treatment for different commercial enterprise structures. This subject assumes that students have undertaken at least an undergraduate taxation subject, with the content in this subject building upon that knowledge. The subject examines the taxation provisions applying to the most common of the commercial enterprise structures, being sole traders, companies, partnerships and trusts. The subject additionally examines the restrictions and limitations that operate to prevent taxpayers exploiting these different tax treatments to avoid a taxation liability.

78210 Law and Literature

6cp

Requisite(s): $60\,$ credit points of completed study in C04148 Master of Law and Legal Practice

These requisites may not apply to students in certain courses. See access conditions.

This subject approaches important questions from jurisprudence, philosophy and legal theory through a consideration of law's relationship to literature. Lectures relate key cases of the last hundred years to key works of literature, indicating ways in which we might

think of the relationship between law and literature. Students engage in a rigorous process of reading and discussion that includes some of the most fascinating and thought provoking literary works of the last century, including works by Franz Kafka, Toni Morrison, Truman Capote and Harper Lee. Using these texts students think about questions of justice related to central problems and traumas of recent times: the Holocaust, the death penalty, slavery and the Stolen Generations.

Students develop important skills in critical thinking and writing as part of these investigations, and their own deep responses to the following questions. What is justice, and how do law and literature provide different answers to justice? What is the law's relationship to violence? How does the law regulate the individual's relationship to their community? How are moral questions addressed by the law? In what ways can it be said that literature judges the law, and what might we do with these judgments?

Postgraduate students focus on a number of modules within the overall subject structure, but may attend and participate in all modules.

78211 Law and Literature

8cr

Requisite(s): 78100c Postgraduate Legal Research
These requisites may not apply to students in certain courses.
There are also course requisites for this subject. See access

This subject approaches important questions from jurisprudence, philosophy and legal theory through a consideration of law's relationship to literature. Lectures relate key cases of the last hundred years to key works of literature, indicating ways in which we might think of the relationship between law and literature. Students engage in a rigorous process of reading and discussion that includes some of the most fascinating and thought provoking literary works of the last century, including works by Franz Kafka, Toni Morrison, Truman Capote and Harper Lee. Using these texts, students think about questions of justice related to central problems and traumas of recent times: the Holocaust, the death penalty, slavery and the Stolen Generations.

Students develop important skills in critical thinking and writing as part of these investigations, and their own deep responses to the following questions. What is justice, and how do law and literature provide different answers to justice? What is the law's relationship to violence? How does the law regulate the individual's relationship to their community? How are moral questions addressed by the law? In what ways can it be said that literature judges the law, and what might we do with these judgments?

Postgraduate students focus on a number of modules within the overall subject structure, but may attend and participate in all modules.

78212 Communications and Technology: A Primer

6cp

Requisite(s): ((70115 Perspectives on Law AND 70120 Legal Method and Research) OR 77885 Legal Process and Legal Research) These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

There are also course requisites for this subject. See access conditions.

This subject provides an interdisciplinary overview of key aspects of the broader environment affecting policy and regulation of communications and technology. The subject is designed to:

- equip students with an understanding of the economic, security, legal and technological aspects which are integral to the development of policy and regulation
- give students the confidence to undertake other aspects of the elective program, and
- enhance their professional knowledge and effectiveness.

The subject draws upon expertise across a range of disciplines and is suitable for students from legal and other disciplinary backgrounds. Students are encouraged to bring their own professional and disciplinary experience to the discussions.

The subject is delivered by leading practitioners and policy advisors within the area.

78213 Communications and Technology: A Primer

8ср

Requisite(s): 78100c Postgraduate Legal Research OR 78203c Communications and Intellectual Property Law Overview These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

This subject provides an interdisciplinary overview of key aspects of the broader environment affecting policy and regulation of communications and technology. The subject is designed to:

- equip students with an understanding of the economic, security, legal and technological aspects which are integral to the development of policy and regulation
- give students the confidence to undertake other aspects of the elective program, and
- · enhance their professional knowledge and effectiveness.

The subject draws upon expertise across a range of disciplines and is suitable for students from legal and other disciplinary backgrounds. Students are encouraged to bring their own professional and disciplinary experience to the discussions.

The subject is delivered by leading practitioners and policy advisors within the area.

78214 Finance Law

6cp

Requisite(s): [78101c Postgraduate Legal Research OR (70115 Perspectives on Law AND 70120 Legal Method and Research]] These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject considers the legal framework within which commercial enterprises raise debt finance. Various forms of secured and unsecured finance are considered, including project and asset financing arrangements and securitisation. Methods for protecting unsecured loans are also covered including negative pledge lending, guarantees and debt subordination agreements. The subject also provides a detailed examination of the new *Personal Property Securities Act* 2009 (Cwlth). Key aspects of tax and insolvency law as well as cross border issues are also discussed.

78215 Finance Law

8ср

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject considers the legal framework within which commercial enterprises raise debt finance. Various forms of secured and unsecured finance are considered, including project and asset financing arrangements and securitisation. Methods for protecting unsecured loans are also covered including negative pledge lending, guarantees and debt subordination agreements. The subject also provides a detailed examination of the new *Personal Property Securities Act* 2009 (Cwlth). Key aspects of tax and insolvency law as well as cross border issues are also discussed.

78216 Competition Law in a Global Context

6cp

Requisite(s): ((78101 Postgraduate Legal Research OR 77885 Legal Process and Legal Research)) OR (70115 Perspectives on Law AND 70120 Legal Method and Research)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject provides a comprehensive and in-depth examination of the economic and legal principles of international competition law and policy, as well as the current enforcement regime of competition laws internationally. A comparative overview of the principles underlying competition regulation and policy in the United States, Europe, Australia, Japan and China is provided. Current issues and recent cases on global competition lawmaking and enforcement are also examined. The instructor does not assume students have had previous exposure to competition law in any of these jurisdictions, or to the study of economics.

The subject covers:

- an overview of international competition law and policy, including the reasons for examining competition law in a global context, and major theories and strategies for harmonising and enforcing competition laws internationally. Both convergence and divergence approaches are introduced.
- the major international bodies and treaties which deal with international competition rule-making and law enforcement, including existing and ongoing international efforts to cooperate in competition law and policy. Both advantages and limits of these authorities and international regulations are examined.
- a comparative overview of the principles underlying competition regulation and policy in the United States, Europe, Australia, Japan and China, including the economic and political backgrounds of different jurisdictions and the substantive laws and policies of each country. The main fields of competition law raising international concern are examined, such as: concentration; cartel and other horizontal restraints; vertical restraints; and other anti-competitive practices.
- some current issues on international competition law, including the nexus of intellectual property and competition; external enforcement (cartel); the interface between competition and trade policy, including national security / interest review regimes; and strategies for establishing a more balanced multi-level competition law system (moves to uniformity of competition laws internationally).

78217 Competition Law in a Global Context

8cr

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject provides a comprehensive and in-depth examination of the economic and legal principles of international competition law and policy, as well as the current enforcement regime of competition laws internationally. A comparative overview of the principles underlying competition regulation and policy in the United States, Europe, Australia, Japan and China is provided. Current issues and recent cases on global competition lawmaking and enforcement are also examined. The instructor does not assume students have had previous exposure to competition law in any of these jurisdictions, or to the study of economics.

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- an overview of international competition law and policy, including the reasons for examining competition law in a global context, and major theories and strategies for harmonising and enforcing competition laws internationally. Both convergence and divergence approaches are introduced.
- the major international bodies and treaties which deal with international competition rule-making and law enforcement, including existing and ongoing international efforts to cooperate in competition law and policy. Both advantages and limits of these authorities and international regulations are examined.
- a comparative overview of the principles underlying competition regulation and policy in the United States, Europe, Australia, Japan and China, including the economic and political backgrounds of different jurisdictions and the substantive laws and policies of each country. The main fields of competition law raising international concern are examined, such as: concentration; cartel and other horizontal restraints; vertical restraints; and other anti-competitive practices.
- some current issues on international competition law, including the nexus of intellectual property and competition; external enforcement (cartel); the interface between competition and trade policy, including national security / interest review regimes; and strategies for establishing a more balanced multi-level competition law system (moves to uniformity of competition laws internationally).

78218 Animal Law and Policy in Australia

6cp

Requisite(s): ((78101c Postgraduate Legal Research OR 77885 Legal Process and Legal Research)) OR (70115 Perspectives on Law AND 70120 Legal Method and Research)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject examines the effectiveness of existing regulation in Australia with respect to animal welfare. Topics covered include: consideration of animals in the context of morality, science and the law; the historical development of animal law as well as an overview of animal regulation in Australia; the prevention of cruelty; and the legal status of animals. The material is presented against the backdrop of the animal welfare and rights debate, encouraging students to consider and evaluate whether the current regime fosters accountability and ethical standards. In order to appraise Australia's regime more effectively, the subject also includes consideration of two topics at international and comparative levels. The first relates to advances in animal welfare introduced by the European Union, and the second relates to the impact on animal welfare by the rules of the international trade law regime, as typified by the World Trade Organization. The subject is designed to provide students with a sound understanding of the fundamentals of animal law including its application to companion animals, farm animals, wild animals and animals in laboratories.

78219 Animal Law and Policy in Australia

8ср

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

This subject examines the effectiveness of existing regulation in Australia with respect to animal welfare. Topics covered include: consideration of animals in the context of morality, science and the law; the historical development of animal law as well as an overview of animal regulation in Australia; the prevention of cruelty; and the legal status of animals. The material is presented against the backdrop of the animal welfare and rights debate, encouraging students to consider and evaluate whether the current regime fosters accountability and ethical standards. In order to appraise Australia's regime more effectively, the subject also includes consideration of two topics at international and comparative levels. The first relates to advances in animal welfare introduced by the European Union, and the second relates to the impact on animal welfare by the rules of the international trade law regime, as typified by the World Trade Organization. The subject is designed to provide students with a sound understanding of the fundamentals of animal law including its application to companion animals, farm animals, wild animals and animals in laboratories.

78220 Commercial Equity

6ср

Requisite(s): (78101 Postgraduate Legal Research OR (70115 Perspectives on Law AND 70120 Legal Method and Research)) These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

This subject considers the interplay between legal issues that commonly arise during complex commercial disputes. The subject examines the role that equitable doctrines, particularly fiduciary obligations, play in common commercial situations. The reach of equitable doctrines and their relationship with contractual, tortious and statutory duties are considered within a series of commercial scenarios involving company executives, professional agents and advisers, commercial trusts, joint ventures and partnerships. The subject discusses the role of commercial law in a practical and realistic commercial context.

78221 Commercial Equity

8cp

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

This subject considers the interplay between legal issues that commonly arise during complex commercial disputes. The subject examines the role that equitable doctrines, particularly fiduciary obligations, play in common commercial situations. The reach of equitable doctrines and their relationship with contractual, tortious and statutory duties are considered within a series of commercial scenarios involving company executives, professional agents and advisers, commercial trusts, joint ventures and partnerships. The subject discusses the role of commercial law in a practical and realistic commercial context.

78222 Law of Slavery and Human Trafficking

6cr

Requisite(s): ((78101 Postgraduate Legal Research OR 77885 Legal Process and Legal Research)) OR (70115 Perspectives on Law AND 70120 Legal Method and Research)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Slavery and human trafficking are transnational crimes. This subject comprehensively explains and evaluates international and domestic responses to slavery and human trafficking within an international law and human rights framework. While the subject addresses international law, it does so with an appreciation of the practical application of the law. The subject draws students to a critical evaluation of the state's responsibility to protect and support, and develop effective criminal justice responses. Areas covered include: the legal definitions; the international legal framework; the intersection between migrant worker exploitation, slavery and trafficking; the gender implications of slavery; trafficking and refugee law; and trafficking as a crime against humanity. State responsibility at international law is reviewed to develop a sound knowledge of the state's obligations to protect and support as well as to promote the application of effective remedies. An effective domestic and international criminal justice response is critical in the development of a framework to prevent trafficking and ensure prosecution of transnational crimes. The dimension of slavery and trafficking - the link between such transnational crimes, economic opportunities, substandard working conditions and migration – is explored. Vulnerability to trafficking, the issues of demand and the supply chain, and corruption are addressed, as well as compliance standards, monitoring mechanisms and the role of civil society. Finally, the course concludes with consideration of a body of international literature which is critical to the implementation of anti-trafficking measures.

At the end of the course, students are expected to have a deep understanding of the principles of international law and their application within the Australian domestic context. Students also gain sophisticated insight and understanding of the application of international law through a comprehensive evaluation of selected areas of law.

78223 Law of Slavery and Human Trafficking

8ср

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Slavery and human trafficking are transnational crimes. This subject comprehensively explains and evaluates international and domestic responses to slavery and human trafficking within an international law and human rights framework. While the subject addresses international law, it does so with an appreciation of the practical application of the law. The subject draws students to a critical evaluation of the state's responsibility to protect and support, and develop effective criminal justice responses. Areas covered include: the legal definitions; the international legal framework; the intersection between migrant worker exploitation, slavery and trafficking; the gender implications of slavery; trafficking and refugee law; and trafficking as a crime against humanity. State responsibility at international law is reviewed to develop a sound knowledge of the state's obligations to protect and support as well as to promote the application of effective remedies. An effective domestic and international criminal justice response is critical in the development of a framework to prevent trafficking and ensure prosecution of transnational crimes. The dimension of slavery and trafficking – the link between such transnational crimes, economic opportunities, substandard working conditions and migration – is explored. Vulnerability to trafficking, the issues of demand and the supply chain, and corruption are addressed, as well as compliance standards, monitoring mechanisms and the role of civil society. Finally, the course concludes with consideration of a body of international literature which is critical to the implementation of anti-trafficking measures.

At the end of the course, students are expected to have a deep understanding of the principles of international law and their application within the Australian domestic context. Students also gain sophisticated insight and understanding of the application of international law through a comprehensive evaluation of selected areas of law.

78224 International Trade Law and the Environment

8cp; distance

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

The trade and environment debate conceals the problematic relationship between two legitimate interests of the international community. This subject introduces students to the significant interface between international trade liberalisation and the environmental imperative of ecologically sustainable development.

Initially the subject provides an overview of the frameworks of international trade law and environmental law and an insight into the philosophical underpinnings of both institutions. The subject considers the important role of developing countries in shaping the trade/environment debate.

The subject considers the obligations imposed by the World Trade Organization (WTO) including the Agreements on Food Safety Standards, Technical Barriers to Trade and the Agreement on Trade Related Aspects of Intellectual Property Rights (TRIPS). The scope and operation of environmental exceptions that have been the subject of recent trade environment disputes in the WTO provide valuable insights into the area. The position of multilateral environmental agreements and the WTO is considered along with the serious implications for developing countries.

Particular specialty areas of concern are covered including ecolabelling, invasive species and intellectual property issues.

Upon completion of this subject students should be able to understand and analyse the current relationship between trade and environment, reflect in an informed manner on the future of the protection of the environment in the multilateral trade and investment regime and be able to critically assess the prospects for future harmonisation of global free trade regimes and ESD principles.

78225 Environmental and Sustainable Development Law of China

6cp

Requisite(s): ((78101 Postgraduate Legal Research OR 77885 Legal Process and Legal Research)) OR (70115 Perspectives on Law AND 70120 Legal Method and Research)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject provides a snapshot of Chinese law through an environmental lens. In particular, the challenge of legislating and implementing environmental and sustainable development laws in the context of the powerhouse that is the Chinese economy and whether it is possible to balance what could be considered irreconcilable differences. In turn, do food and energy security override environmental concerns or are they in step? In our examination, we review the legal and constitutional basis of Chinese law including the relationship between Beijing and the provinces; the role of the courts at both the national and provincial level; and the role of the Communist Party of China.

The subject also examines China's extensive environmental legislation, the important role of environmental NGOs and the increasing importance of corporate social responsibility. There is an assessment of the role of international environmental conventions and their implementation in China including the environmental impact of China's membership of the World Trade Organization. Finally we return to the underlying theme: are effective laws on the environment and sustainable development possible in the context of an economy committed to rapid economic development?

78226 Environmental and Sustainable Development Law of China

8ср

Requisite(s): 78100c Postgraduate Legal Research
These requisites may not apply to students in certain courses.
There are also course requisites for this subject. See access

This subject provides a snapshot of Chinese law through an environmental lens. In particular, the challenge of legislating and implementing environmental and sustainable development laws in the context of the powerhouse that is the Chinese economy and whether it is possible to balance what could be considered irreconcilable differences. In turn, do food and energy security override environmental concerns or are they in step? In our examination, we review the legal and constitutional basis of Chinese law including the relationship between Beijing and the provinces; the role of the courts at both the national and provincial level; and the role of the Communist Party of China.

The subject also examines China's extensive environmental legislation, the important role of environmental NGOs and the increasing importance of corporate social responsibility. There is an assessment of the role of international environmental conventions and their implementation in China including the environmental impact of China's membership of the World Trade Organization. Finally we return to the underlying theme: are effective laws on the environment and sustainable development possible in the context of an economy committed to rapid economic development?

78227 Financial Services Law and Compliance in Australia

6cp

Requisite(s): (78101 Postgraduate Legal Research OR (70115 Perspectives on Law AND 70120 Legal Method and Research)) These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Financial services is one of the fastest growing sectors of the Australian economy. Following an extensive review, Australia has put in place an overarching system for regulating all financial services, replacing a system that was based on separate regulation of products in individual industries. This is an essential subject to understand this new regime, focusing on the implications of the new system for retail clients as financial citizens, and addressing the regulatory structure and legislative framework, including the new regulatory bodies. Licensing requirements for entering the financial services market and the new obligations for marketing or offering financial services to the public are also examined.

On completion of this subject, students should have developed an understanding of the law governing the regulation of financial services transactions; the effect of financial services law and other related legislation on particular financial services issues; and particular aspects of financial services law in depth.

78228 Financial Services Law and Compliance in Australia

8cb

Requisite(s): 78100c Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Financial services is one of the fastest growing sectors of the Australian economy. Following an extensive review, Australia has put in place an overarching system for regulating all financial services, replacing a system that was based on separate regulation of products in individual industries. This is an essential subject to understand this new regime, focusing on the implications of the new system for retail clients as financial citizens, and addressing the regulatory structure and legislative framework, including the new regulatory bodies. Licensing requirements for entering the financial services market and the new obligations for marketing or offering financial services to the public are also examined.

On completion of this subject, students should have developed an understanding of the law governing the regulation of financial services transactions; the effect of financial services law and other related legislation on particular financial services issues; and particular aspects of financial services law in depth.

78229 Disability and the Law

6cp

Requisite(s): 78101 Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject explores disability and impairment as a legal category. Students are introduced to the various competing models of disability including: the medical model, the social construction model, the human rights model and bioethical, feminist and postmodern approaches to disability. In so doing, the subject takes an interdisciplinary and international comparative approach to conceptions and theories of disability and impairment. Students examine the practical implications of these models for the construction of legal rights and responsibilities with respect to persons with disabilities in a number of key areas of law. These include health law, tort law, criminal law, international law and anti-discrimination law. Specific issues examined include: treatment-limiting decisions for newborns, constraints on reproductive decision making, abortion for disability, end of life decision making; the therapy / enhancement distinction and body modification, the UN Declaration of Human Rights, the UN Declaration of the Rights of Disabled Persons and various state and federal anti-discrimination legislation. Key issues that students need to examine are the concepts of normal and disabled, healthy and diseased and able-bodied and impaired. This subject examines and evaluates how law can best achieve the goals of social justice and equality for individuals with disabilities.

78230 Disability and the Law

8cc

Requisite(s): 78100 Postgraduate Legal Research These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject explores disability and impairment as a legal category. Students are introduced to the various competing models of disability including: the medical model, the social construction model, the human rights model and bioethical, feminist and postmodern approaches to disability. In so doing, the subject takes an interdisciplinary and international comparative approach to conceptions and theories of disability and impairment. Students examine the practical implications of these models for the construction of legal rights and responsibilities with respect to persons with disabilities in a number of key areas of law. These include health law, tort law, criminal law, international law and anti-discrimination law. Specific issues examined include: treatment-limiting decisions for newborns, constraints on reproductive decision making, abortion for disability, end of life decision making; the therapy/enhancement distinction and body modification, the UN Declaration of Human Rights, the UN Declaration of the Rights of Disabled Persons and various state and federal anti-discrimination legislation. Key issues that students need to examine are the concepts of normal and disabled, healthy and diseased and able-bodied and impaired. This subject examines and evaluates how law can best achieve the goals of social justice and equality for individuals with disabilities.

78231 Commercial Trade and Transport Law

8ср

Requisite(s): 78100c Postgraduate Legal Research OR 77697c Higher Degree Research Seminar

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject examines the various sources of law that govern and impact upon the trade and transport of goods to and from Australia. The first part covers commercial maritime law. Topics examined include an overview of international trade processes; Australia's trade and transport industry; the international and Australian sources of law that regulate commercial shipping activities; maritime law concepts on the ownership, financing and arrest of ships; maritime transport documentation including bills of lading and charter parties; sources of liability; liability limitation; and marine insurance. The second part covers commercial aviation law. Topics examined include the international and Australian sources of law regulating the carriage of goods by air and aviation insurance. The subject concludes by examining recent international developments relating to the multimodal transport of goods.

Typical availability

Autumn semester, City campus Spring semester, City campus

78232 Mining Law and Regulation

8cp

Requisite(s): 78100c Postgraduate Legal Research OR 77697c Higher Degree Research Seminar

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject examines the various Australian laws and regulations that govern and impact upon investment in the mining industry. Topics examined include: the history, development and current status of mining regulation in Australia; key mining law concepts – such as the ownership of minerals, mining tenements, mining claims, and the regimes for the payment of royalties; the State and Territory licensing regimes governing mineral exploration and extraction; and the laws governing investment across the life cycle of mining operations (exploration, set up of mining operations, extraction of minerals, the sale and export of minerals, and the sale of mining assets). This includes the relevant provisions of the *Corporations Act 2001* (Cwlth) relating to corporate fundraising (Ch 6D) and mergers and acquisitions (Ch 6); the *Foreign Acquisitions and Takeovers Act 1975* (Cwlth); the ASX Listing Rules, and the JORC Code for the Reporting of Mineral Resources and Ore Reserves. The subject also examines the use of joint venture structures in the mining industry.

Other issues examined include native title, environmental law considerations, infrastructure access, the regimes for the onshore and offshore extraction of petroleum and gas, and the legal framework for dispute resolution. The subject concludes by briefly examining some of the current issues impacting on the Australian mining industry such as carbon taxing and trading, and the proposed Mining Resources Rent Tax.

The subject involves a comparative consideration of the laws across the Australian states and territories and is not limited to New South Wales.

Typical availability

Autumn semester, City campus Spring semester, City campus

78233 International Commercial Arbitration

8ср

Requisite(s): 78136 Dispute Resolution

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject aims to present a thorough and transnational approach to understanding the key principles and practice of International Commercial Arbitration. The subject examines the importance of arbitration as a process for resolving international commercial disputes; the legislative and institutional context for international commercial arbitration; the conduct of arbitration and the relevant legal and practical issues at each stage of the process, including challenges to and enforcement of arbitral awards. The subject also aims to develop an in-depth knowledge of conducting research in this topic area and development of skills related to legal writing in this field.

Typical availability

Autumn semester, City campus Spring semester, City campus

78723 Research Dissertation 1 (Law)

24cp

For subject description, contact UTS: Law.

78724 Research Dissertation 2 (Law)

24cp

Requisite(s): 78723 Research Dissertation 1 (Law) There are also course requisites for this subject. See access conditions.

For subject description, contact UTS: Law.

79004 Environmental Law and Science

6ср

Requisite(s): 91102 Animal Function and Diversity OR 91123 Biocomplexity

Undergraduate

This subject introduces the science student to concepts of environmental law and the interface between environmental law and science. It establishes a foundation for the subject 79023 Environmental Forensic Law, and it complements subjects in environmental management by setting out the legal framework which supports the management of natural resources at both a federal and state level. This subject also introduces students to legal research.

Typical availability

This subject is offered in odd years only.

79006 Intellectual Property Commercialisation

6ct

Requisite(s): 79203 Business Law and Ethics OR 70110 Introduction to Law

Undergraduate and Postgraduate

This subject introduces students to, and provides an understanding of, the ways in which the legal system recognises, protects and regulates the exploitation of exclusive rights in certain intangible industrial and intellectual property. The basic structure of the subject covers confidential information, patents, designs, trademarks and trade names and copyright.

79011 Marketing Law

6cr

Requisite(s): 79203 Business Law and Ethics OR 70110 Introduction to Law

Undergraduate

The aim of this subject is to provide students with a sound knowledge of the relevant federal and state laws that affect business decisions in the field of marketing and to provide them with an understanding of the complex laws regulating marketing activities. Topics covered include consumer protection, product liability, product safety and standards, intellectual property, the regulation of competition, and risk assessment and compliance strategies.

79013 Industrial and Labour Law

6ср

Requisite(s): 79203 Business Law and Ethics OR 70110 Introduction to Law

Undergraduate

Industrial and labour law is an important component of studies in the legal regulation of business. This subject is designed to introduce undergraduate non-law students to Australian industrial and labour law by examining relevant law, policy and theory. In light of the now extensive coverage of the federal labour law system, this subject focuses on that federal system and the underlying common law principles of employer and employee rights and obligations. Students are introduced to the key aspects of industrial and labour laws which govern employers and workers in the workplace. Both practical and theoretical perspectives are offered on the industrial and labour law system as it operates, and is changing, within Australia. The extent to which Australian industrial and labour law meets the aspirations of various labour law policy perspectives is discussed.

79014 Applied Company Law

6ср

Undergraduate

This subject is designed to provide students with a sound understanding of fundamental aspects of company law and regulations as they apply to the modern company. Emphasis is given to the way company law has developed to reflect the realities of carrying on a business relationship in a changing society.

Topics covered include an introduction to partnership law, registration, corporate constitution, promotion and pre-incorporation, company membership, duties of controlling shareholders, the raising of equity and debt, companies in difficulty, officers' duties, accounts and audit.

79015 Banking Law

6cı

Requisite(s): 79203 Business Law and Ethics OR 70110 Introduction to Law

Undergraduate

This subject aims to provide students with an understanding of the manner in which banking institutions are regulated, dealing with the changes following the deregulation of banking. Topics covered include: a historical introduction to the law relating to banking and to relevant principles; the statutory regulation of banking; the banker-customer relationship; negotiable instruments; and the provision of loans and other banking facilities.

Attention is drawn to the wide range of services currently offered by trading banks and to the wide range of institutions currently offering services of the same kind. There is ongoing discussion of current developments in the area.

Students are expected to develop sufficient working understanding of the areas of law to which they are introduced to be able relevantly to advise in the resolution of problems and the planning of strategies.

The law of contracts and the law of torts is of particular relevance to the subject, but no expertise is required in any other discipline: all necessary concepts and terms are explored in the classroom. Students are encouraged to ask questions whenever the territory seems unfamiliar: discussion in class greatly facilitates individual learning, not only by students but also by the lecturer.

79017 Taxation Law

6ср

Undergraduate

This subject aims to develop students' conceptual and analytical skills and an appreciation of the Australian tax system. It provides a general analysis of the current tax system and consideration of the many changes it is presently undergoing. The course looks at the *Income Tax Assessment Act 1936* and the *Income Tax Assessment Act 1997*, the Tax Law Reform Project and the New Tax System. Particular concepts to be considered include income and capital, assessable income, allowable deductions, capital gains tax, fringe benefits tax, goods and services tax, trusts, partnerships, tax accounting, tax planning and anti-avoidance provisions.

79018 Advanced Commercial Law

6ср

Requisite(s): 79203 Business Law and Ethics OR 70110 Introduction to Law

Undergraduate

This is a valuable elective for any business student, especially those working in or wishing to work in a business environment involving interaction with legal advisers and with managers mindful of their legal obligations.

An initial practical focus in this subject is to refresh and enhance students knowledge of contracts and some other areas impacting upon business which were relatively briefly covered in the requisite subject.

The rest of the subject is intended to develop knowledge and understanding of areas of law relevant to the modern business environment, such as sale of goods, consumer protection, agency and negotiable instruments.

Students are expected to develop sufficient working understanding of the areas of law to which they are introduced to be able relevantly to advise in the resolution of problems and the planning of strategies.

Aside from the requisite, no other expertise is required; all necessary concepts and terms are explored in the classroom. Students are therefore encouraged to ask questions whenever the territory seems unfamiliar: discussion in class greatly facilitates individual learning, not only by students but also by the lecturer.

79019 Corporate Environmental Responsibility

6ср

Requisite(s): 79203 Business Law and Ethics OR 70110 Introduction to Law OR 70120 Legal Method and Research OR 70105 Legal Research

Undergraduate

As a field of study, environmental law deals with the rules, relationships, systems and processes by which environmental protection is achieved. The process of environmental protection or sustainability involves multiple stakeholders of which corporations

are but one. Corporate environmental responsibility focuses on the role that corporations can play in environmental protection and the responsibilities that are now attaching to corporations to encourage sound environmental practice.

This subject examines environmental law issues as they relate to corporations focusing at the national and state levels but looking at comparative examples where appropriate. It analyses climate change as a driver for corporate environmental change.

Topics covered in the subject include:

- international environmental law as it relates to multinational corporations
- the concept of ecologically sustainable development and the application of the precautionary principle and the principle of intergenerational equity
- criminal and civil liability of directors and corporate officers
- · managing risk
- drivers of corporate social responsibility, examining issues of corporate disclosure and reporting and socially responsible investment
- corporate case studies in areas chosen from natural resources management, water or waste management, or pollution
- regulatory and non-regulatory methods of enforcement and responsibility such as environmental audits, due diligence, taxes and tradeable permits
- the role of corporations in climate change and greenhouse gas emission reduction.

79021 International Aspects of Australian Taxation Law

6cp

Requisite(s): 79203 Business Law and Ethics OR 70110 Introduction to Law

These requisites may not apply to students in certain courses. See access conditions.

Undergraduate

This subject focuses on aspects of international tax planning. Although topics vary from time to time, they could include an analysis of the concept of residence and source of income, taxation of multinational staff, the taxation of offshore royalties, the operation of double tax arrangements, transfer pricing and anti-avoidance provisions and international tax planning.

79022 GST and other Indirect Taxes

6ср

Requisite(s): 79203 Business Law and Ethics OR 70110 Introduction to Law

These requisites may not apply to students in certain courses. See access conditions.

Undergraduate

This subject examines the goods and services tax (GST) and its effect on the Australian tax system. It analyses overseas experience with other indirect tax systems and examines the basic principles of current indirect taxes in Australia and their practical implications. Besides looking at the implementation of the GST, the subject also looks at the flow-on effect for existing taxes such as payroll tax, sales tax, land tax and stamp duty.

79023 Environmental Forensic Law

6ср

Requisite(s): 79004 Environmental Law and Science OR 79203 Business Law and Ethics

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

Environmental forensic scientists use a range of tools including chemical characterisation to biological markers to determine where environmental pollution has occurred, how it has occurred and who is responsible. This subject examines how this evidence can be used in court and students will learn how to develop the scientific case for identifying the responsible parties.

Typical availability

This subject is offered in odd years only.

79024 Complex Forensic Cases (Law for Chemistry)

6cp

Requisite(s): 65743c Complex Forensic Cases (Chemistry) Undergraduate

This subject deals with the legal issues involving forensic science in the field and the impact of scientific evidence on the legal system. Students receive some training in the preparation of reports and in the presentation of evidence in court and participate in a mock trial at the end of the subject in order to consolidate these skills (the mock trial is not assessable).

This subject is studied under the following broad topic areas: introduction to the Australian legal system, criminal law, tort law, *Crimes (Forensic Procedures) Act 2000 (NSW)*, evidence, *Uniform Civil Procedure Rules 2005 (NSW)*, the role of the expert, advocacy and coronial law.

This subject aims to provide an understanding of:

- the legal and practical issues of forensic science
- the impact of forensic science on the legal system, and
- the traditional and emerging admissibility standards involving forensic science evidence.

Typical availability

Autumn semester, City campus

79026 Estate Planning (UG)

6ср

Undergraduate

This subject introduces students to the Australian estate planning regime, providing an understanding of the requirements of the regime and the impact of those requirements and opportunities on the financial planning process. The subject takes both a theoretical and practical approach to the area of estate planning.

79027 Retirement Planning (UG)

6ср

Undergraduate

This subject introduces students to the Australian retirement planning process, providing an understanding of the requirements of the process and the impact of those requirements and opportunities on financial planning strategies.

79028 Complex Forensic Cases (Law for Biology)

6ср

Requisite(s): 91139c Complex Forensic Cases (Biology)

This subject deals with the legal issues involving forensic science in the field, and the impact of scientific evidence on the legal system. Students receive training in the preparation of reports and in the presentation of evidence in court. Significant cases involving the application, interpretation and admissibility of forensic science in the Australian justice system is examined in detail. The subject is studied under the following broad topic areas: introduction to the legal system; the role of the expert; the rules of evidence; the *Crimes (Forensic Procedures) Act 2000* (NSW); the importance of expert evidence in legal cases; and the role of advocacy.

The subject aims to provide an understanding of:

- the legal and practical issues relating to forensic science
- the impact of forensic science on the legal system, and
- the admissibility requirements in relation to forensic science evidence.

79030 Legal Aspects of Insolvency

6ср

Requisite(s): 70120 Legal Method and Research OR 70105 Legal Research

Postgraduate

This subject provides an overview of the legal issues relating to the impact of insolvency on corporations and individuals. The subject includes an overview of different types of insolvency appointments and focuses particularly on the role and powers of insolvency practitioners and the effect of insolvency on key stakeholders (particularly different types of creditors). The subject covers both corporate and personal insolvency and is relevant for those seeking a career in insolvency practice or for those wishing to better understand the scope and impact of insolvency on different types of transactions.

79031 Employment and Industrial Law

6ср

Postgraduate

This subject is designed to introduce non-law students to the law regulating work in Australia. Employment and industrial law is an important component of studies in the legal regulation of commerce. Students are introduced to the key aspects of employment and industrial laws which determine the rights, entitlements and responsibilities of employers and workers in the workplace. Both practical and theoretical perspectives on the law regulating work are examined. Given extensive legislative activity by the Commonwealth Parliament in the area of work law, the Fair Work Act 2009 (Cwlth) as amended is analysed.

79032 Competition and Consumer Law

6cr

Requisite(s): 79203 Business Law and Ethics OR 70110 Introduction to Law

These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access

This subject examines the economic and legal principles of competition law (also known as antitrust law or restrictive trade practices law) and deceptive trade practices law in Australia.

Competition law is governed by Part IV of the *Trade Practices Act* 1974 (Cwlth) (the TPA); deceptive trade practices law is dealt with in Part V of the TPA; and the remedial provisions are found in Part VI of the TPA.

Competition law covers the economic functioning of markets, market power and competition; the relationship between antitrust-related statute law, common law and economics; the evolution and objectives of Australian competition law and the administration and enforcement of competition law in Australia.

Deceptive trade practices law examines what is trade or commerce; what is misleading or deceptive conduct; silence as misleading or deceptive conduct; promises and predictions as misleading or deceptive conduct; reliance on misleading or deceptive conduct; the assessment of damages for misleading or deceptive conduct and other remedies available under Part VI of the TPA.

79033 Insolvency Administration

6ср

This subject provides students with legal knowledge needed to assist business, concerning the protection and regulation of insolvent individuals and corporations. Students examine the legal procedures involved in insolvency law (such as bankruptcy petitions, lodging proofs of debt and distribution of insolvent estates) as well as the impact of insolvency upon stakeholders such as employees, unsecured creditors, and individual and corporate players. Particular emphasis is placed on the various methods of administering insolvent estates including discussing powers of insolvency administrators, voluntary administration, liquidation and the rights of creditors.

79203 Business Law and Ethics

6cp

Undergraduate

This compulsory subject provides a fundamental foundation for all future law subjects in the Bachelor of Business. The subject provides a background knowledge of the Australian legal system and the laws that govern Australian and international commercial relationships. It examines contract and consumer protection as well as laws governing civil liablity in a business setting. The content and assessment tasks develop the students' ability to research answers to legal issues. The subject is taught from a risk management perspective with a focus on avoiding legal pitfalls and solving ethical dilemmas.

79371 Legal Issues in Communications

6cp

Undergraduate

This subject introduces students to the legal context of telecommunications and information technology in Australia and internationally, and develops students' understanding of the interplay between technical, commercial and legal aspects of introducing a new product or service, and in particular how the regulatory structure shapes market opportunities. Topics to be covered include contract law; product liability; professional liability; intellectual property law; patents; privacy; and consumer rights.

79603 International Business Transactions and the Law

6cp

Requisite(s): [79203 Business Law and Ethics OR (76006c Public International Law AND 70110 Introduction to Law)]
These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject introduces students to those legal rules which affect traders doing business where there is an international element involved. It focuses on matters relating to the formulation of contracts in international business transactions; the law relating to the international carriage of goods; payment in relation to such transactions; currency matters; the resolution of disputes and the enforcement of judgments where litigation occurs with an international element.

79606 Advanced Taxation Law

6ср

Requisite(s): 79017 Taxation Law

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject builds on the understanding obtained in previous study. It focuses on a deeper analysis in relation to a number of taxation issues including the taxation of companies, trusts and partnerships, further capital gains tax issues, aspects of international taxation, tax administration, and tax planning, with a consideration of anti-avoidance and ethical issues in tax planning.

79708 Contemporary Business Law

6ср

Postgraduate

This subject provides students with an understanding of the legal system and a knowledge of a range of legal topics that are of practical relevance to business law. It provides timely information on recent developments in areas including commercial contracts and trade practices legislation, consumer protection, business structures and intellectual property.

79771 Dispute Resolution

6ср

Requisite(s): 60 credit points of completed study in C04148 Master of Law and Legal Practice

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Postgraduate

This subject is an introduction to the philosophy, theory and practice of an area of increasing importance in all professions, business and government. Dispute resolution processes are now integrated into the adversarial framework as well as being applied to an ever-widening range of private and public situations. This emerging practice of professional dispute resolution both within and outside the legal profession is the framework for the central topics in this subject. The topic areas covered in this subject include:

- an introduction to the theories and philosophy of dispute resolution
- an overview of the development of the range of dispute resolution practice in both the legal system and generally
- an introduction to negotiation and mediation theory
- conflict theory
- the relevance of personal style in dispute resolution processes
- communication theory and skills requisite for dispute resolution processes
- issues of power, culture and participation in dispute resolution processes
- ethics and standards.

The subject is taught in intensive mode with an emphasis on experiential learning. Student assessment focuses on a written research paper on a topic of their choice with a presentation to the class of the essential concepts explored in the research. The focus of this subject is interdisciplinary and draws upon the professional expertise and experience of the class.

Typical availability

Autumn semester, City campus

79794 Legal Issues for Community Managers

6ср

Postgraduate

Topics covered in this subject include: introduction to the legal system; constitutional aspects; the nature of legal rules; the legislative framework for actions against public or community managers (e.g. tort, contract); particular aspects of law relating to public employment; the employment of professionals; aspects of the law concerning legal forms available for community organisations; and the responsibilities of boards of managers and trustees.

80027 Photographic History and Theory

6ср

Core

Undergraduate

The subject provides a contextual framing for understanding photography as a technology and visual medium for the production of images in culture. Students are introduced to models of vision since the Renaissance that have shaped, and also rendered problematic, the understanding of perception and image making. Photography as a technology and medium is introduced within this context, and also differentiated from techniques and technologies that preceded it historically. In this subject major theorists of photography are introduced, and their differing perspectives canvassed. Through an introduction to the relationships between still and moving photography, digital and analogue technologies are introduced and different camera technologies and image production are also explained within their historical context.

Typical availability

Autumn semester, City campus

80028 Independent Project: Designed Outcome

12cp

Core

Undergraduate

The two honours year Independent Projects can be thought of jointly as a major project, commencing with conceptual development and culminating with a designed outcome. The project can be theoretical, historical, cultural, critical or practical in nature, either by written, photographic, interactive, multi-modal, situated or other specialisation, developed in conjunction with the supervisor. A researched approach and critical thinking are vital ingredients for any medium. Thus this subject involves the materialisation, practice or fabrication of the designed outcome, focusing largely around the project, its reflective and critical documentation. This culminates in an exhibition, installation, or written submission as befitting the specialisation.

Typical availability

Spring semester, City campus

80029 Independent Project: Conceptual Development

12cp

Core

Undergraduate

The two honours-year Independent Projects, can be thought of jointly as a major project, commencing with conceptual development and culminating with a designed outcome. The project can be theoretical, historical, cultural, critical or practical in nature, either by written, photographic, interactive, multi-modal, situated or other specialisation, developed in conjunction with the supervisor. The conceptual development subject establishes the goals, methods, materials, context and critical literature review relevant to the project and the student develops appropriate metrics for evaluation and critical review, according to specialisation.

80030 Research Methods

12cp

Core

Undergraduate

This subject introduces methodologies for research and evaluation, usability, appraisal, critical comparison and reflective writing, as relevant to a diversity of disciplines and interdisciplinary areas. The subject equips the student with a wide range of methods suitable for

structuring and thinking critically from a researched context about design, that may range from a theoretical, historical and conceptual research approach to applied, practice-based and project-centred projects. Its content may be oriented towards the student's successful written and project components of the honours degree.

80031 Graduation Exhibition

12cp

Core

Undergraduate

Occurring in the student's final semester, the graduation exhibition forms the culmination of the student's program of study. This provides the opportunity for students to undertake the production of a major work, or series of related works in a collection/series, in addition to documentation of the context, creation and motivation for the work. The production of photographic/designed outcomes enables students to focus upon a medium or media of preference/specialisation from conception through to public presentation. Such works may take the form of photographic, situated media, mixed modality, collaborative interdisciplinary, sound or music works displayed as performance, installation, exhibition, physical artefacts or spatial environments.

Typical availability

Spring semester, City campus

80032 Pervasive and Convergent Media Research Project

6ср

Core

Undergraduate

Grounding one's own creative practice in critical and constructive review of other's work, the context, philosophies, literature, culture and of ones own and others work, lends gravity and depth to practical artistic and design outcomes. This subject investigates pervasive and convergent media as the vehicle for developing research through documentation and written outcomes. Students who plan to progress in their chosen field or continue their studies have explicit requirements for research skills, critical thinking, review and written expression. This subject is designed to work with existing as well as explore innovative forms of research. While the development of research skills is essential to this subject, assessment outcomes are negotiable, to facilitate both traditional research outcomes as well as practical research projects, underpinned by structured writing/documentation.

Typical availability

Spring semester, City campus

80033 Professional Practice: Photography

6cp Option

Undergraduate

This subject introduces students to a variety of views and critiques of professionalism in the field of photography including: the roles and responsibilities of the creative professional; case studies of practice/studios; business management and planning; preparation for and modes of employment; legalities and liabilities; the ethical professional; the client/creative professional relationship; existing and emerging work practices in the industry; the role of professional bodies; exhibiting and licensing. Topics are covered through site visits, guest lectures, workshops and where possible and/or appropriate short-term work experience placements.

80034 Physical and Tangible Media Interfaces for Design Expression

6ср

Option

. Undergraduate

Physical computing and tangible interfaces are comparatively modern genres of pervasive computing. Both are motivated by the desire to move computing and digital activities away from the desktop and desk-bound experience, and to instead explore their seamless integration into our daily lives. This subject explores existing and emergent conduits for interacting with sound and image. Students examine the implications for them as artist/designers and their design activities, in new emerging technologies. Of particular import to this subject is an examination of the point of interface or intersection with the consumer/audience/user. Hence this subject addresses the recent history, theory and context of physical and tangible computing as it impacts on design and expression through sound, image, tactility and transformation.

Typical availability

Autumn semester, City campus

80035 Photographic Artifice

6cr

Requisite(s): 80067 Photographic Context 1 Option

Undergraduate

This subject explores the role of photography in representing entirely fictitious and artificial scenarios. This involves building shots up from scratch in the blank space of the studio where total control of light, composition and arrangement can be managed. Emphasis is placed on pre-shoot conception and art direction and the use of studio facilities to achieve a desired outcome. This subject further explores studio lighting techniques, specifically multi-light set ups using studio flashes. Students are encouraged to use the photographic format/medium of their choice but in consideration of their pre-nominated output media.

Typical availability

Spring semester, City campus

80036 Situated Media Real Time Technology

6ср

Core

Undergraduate

This subject provides the technical and experimental learning context for students to develop fluency with object-oriented visual programming environments and interfacing, through basic operational, sound and video/image software and the exploration of real-time environments through new technology.

The objective of this subject is to ground students in the capabilities of specific software, encouraging an inventive, exploratory approach to constructivist learning and to help students cultivate fluency and confidence with the basic paradigms of operation and processing. This is done through project-based learning, through students' exploration of techniques and their integration into actual and alternate physical environments for real-time responsiveness and the situating of media.

Typical availability

Autumn semester, City campus

80037 Situated Media Culture and Context

6ср

Requisite(s): 80027 Photographic History and Theory

Core

Undergraduate

This subject forms an introduction to the study of the history, theory and interpretations of situated media. With particular reference to situated media's responsiveness to location, cultural, social and physical context, the subject encourages students to reflect upon and communicate its situation and medium. Through lectures and tutorials, students investigate the emerging discourses of sensory anthropology and urbanism, challenging the historic hegemony of vision as well as the cultural influences and impacts of media integration through an examination of the historical approaches taken in works of art, media and design that explore, interpret or challenge their situation and whose impact is governed by the situating of the medium in a particular spatial experience.

Typical availability

Spring semester, City campus

80038 Photographic Intervention

6ср

Core

Undergraduate

This subject involves an exploration of photography as a means of consciously intervening in and interpreting the social world as a narrative source. This is done through the exploration and photographic interpretation of the spaces and places people create and inhabit and their relationship to them, through the guise of environmental portraiture. Emphasis is placed on the conscious construction of meaning across still image sequences through subtle techniques of art direction and the manipulation of available light sources. This subject introduces the basic principles of digital photography including file formats, image resolution, colour temperature, contrast control, digital workflow practices, and shooting for various digital output media.

Typical availability

Autumn semester, City campus

80041 Dissertation

12cp Core

Undergraduate

The dissertation is a substantive body of written work, designed to complement the independent project component of the honours degree. While its content is determined individually, its fundamental aim is to situate the research area within historical, comparative literature and related works. This is done through the investigation of appropriate methodologies for criticising, comparing and evaluating the medium such as usability evaluation for interaction, aesthetics in photography, etc. Based on the individual students negotiation of the structure of their honours year, student's proposed aim, philosophy or theoretical context and method for developing the designed outcome of their independent project may interact with or inform the subject of their dissertation.

Typical availability

Autumn semester, City campus

80042 Photography and Seeing Light

6cp

Undergraduate

This subject explores light as fundamentally plastic, or manipulable, through a combination of studio practice, technical theory and photographic history. The manner in which light can be controlled to create different moods and atmospheres and the impact this has on the communicative aspects of the photograph is a central feature of study. Students further develop their understanding of lighting contrast ratios through the use of a range of ambient and studio flash light sources as well as explore a variety of lighting techniques.

Typical availability

Autumn semester, City campus

80046 Smart Object Studio

12cp

Requisite(s): ((80065 Design Studio: Photographic Intervention AND 80066 Design Studio: The Digital Image) OR 50846 Situated Media Installation Studio)

Core

Undergraduate

This studio subject is designed to enable cross-disciplinary collaboration through the examination and development of 'smart objects'. This could involve for example, the development of playful and intelligent applications, smart objects with practical and marketable applications, objects with energy awareness, sensing systems or devices designed to adapt to/suit users and their behaviour. Students collaborate to examine the potential for imbuing objects with new audio, visual and mechanical capabilities by transforming the experience of using objects and devices. For the photographer or sound and music designer, this studio enables a useful fusion of modalities and re-situates passive (unresponsive), static media or time-based (fixed) media in a paradigm of user-centred, dynamic and responsive interaction, by challenging students to re-think and re-invent ways of communicating through physical experience.

Typical availability

Spring semester, City campus

80048 Photographic Manipulation

6ср

Core

Undergraduate

This subject explores the way photographic techniques and lighting can be used and manipulated to transform the photographic representation of the world 'as it is found' to one that is pre-conceived. This involves the exploration and manipulation of actual locations and settings as well as an introduction to studio scenario building. Emphasis is placed on pre-shoot conception and art direction as well as the use and manipulation of mixed available and studio light sources. It introduces the principles of lighting contrast ratios, studio flash photography, and medium format film and digital cameras.

Typical availability

Spring semester, City campus

80063 Professional Practice: Situated/Interactive Media

6cp

Option

Undergraduate

This subject introduces students to a variety of views and critiques of professionalism in the field of situated media including: the roles and responsibilities of the creative professional; case studies of practice/studios; business management and planning; preparation for and modes of employment; legalities and liabilities; the ethical professional; the client/creative professional relationship; existing and emerging work practices in the industry; the role of professional bodies; documenting situated media; exhibiting and seeking funding. Topics are covered through site visits, guest lectures, workshops and where possible and/or appropriate short-term work experience placements.

Typical availability

Autumn semester, City campus

80064 Interaction-based Designing

6ср

Core

Undergraduate

This subject focuses on the interaction between people and the technological environment. Design techniques are presented which are based on a firm understanding of human actions, reactions and interactions with technology. Multiple interaction modalities such as the auditory and the visual are explored, as are structured design methods, usability and user-centered design techniques. The subject is a combination of both theoretical and practical applications.

Typical availability

Autumn semester, City campus

80065 Design Studio: Photographic Intervention

12cc

Undergraduate

The subject involves an exploration of photography as a means of intervention and interpretation of society as a reflective process. Students' photographic interpretation, both of urban space/place and its creation/inhabitation, is understood through the guise of environmental portraiture. Through techniques of art direction and the manipulation of available light sources, students learn how to construct meaning across still image sequences. This subject introduces the principles of camera and darkroom work in black and white photography. Students are introduced to the basic principles of composition, 35mm manual SLR camera functions, film exposure, development and print enlargement.

Typical availability

Autum semester, City campus

80066 Design Studio: The Digital Image

12cp

Requisite(s): 80065 Design Studio: Photographic Intervention AND 50846 Situated Media Installation Studio

Undergraduate

This subject explores contemporary digital imagery with particular emphasis on professional and experimental photography. Through a range of creative digital practices, photography is examined and its cultural context articulated. Central to the studio are the conceptual and practical implications of the digital medium and the associated implications of an image-focused contemporary culture.

Students are expected to utilise skills and conceptual processes they have gained in previous subjects to support the theoretical and practical aims of the subject. This subject introduces digital image manipulations, publication design, post-production, and distribution through print, web and other forms of electronic and analogue media.

Typical availability

80067 Photographic Context 1

6ср

Undergraduate

This subject investigates and examines photography's cultural positioning, both in a contemporary and historical context through a series of lectures by contemporary photographers, artists, writers, curators, and theorists who address 'the image' and its production. Framed through social, political, gender and aesthetic approaches, it aims to extend the student's critical thinking and ability to engage in a focused dialogue, round-table discussion and critique through interaction with invited guests and tutors. Students are supported in developing a theoretical and/or aesthetic foundation for the production of their own work and an ability to critically engage in the contemporary photographic discourse, and to situate their own work accordingly.

Typical availability

Autumn semester, City campus

80068 Photographic Context 2

6cp

Requisite(s): 80067 Photographic Context 1 AND 80035

Photographic Artifice

Further information is available from UTS: Design, Architecture and Building.

80214 Locative and Sensor Design Technologies

6cp

Requisite(s): 80064 Interaction-based Designing AND 50846

Situated Media Installation Studio

Option

Undergraduate

This subject allows students to specialise in the application of locative and sensor technologies. Locative and related technologies include GPS and other positioning systems, and location awareness through networks and locative devices. Designing with locative technologies requires an understanding of technical protocols, infrastructure and the social, contextual and cultural features that make this technology interesting and relevant in design. Sensor technologies include motion, proximity, climatic condition, bio-data and numerous other sensor types. Like locative technologies, sensors provide information that is sensitive (potentially public or private), real time and contextual. Students examine technical mechanisms for using these technologies, strategies for mapping sensor output to display or interaction, interaction for affecting information and modifying experience, as well as evaluative methodologies for appraising human interaction with designs, including the social causes and motivations for applying locative and sensor enabled design.

Typical availability

Spring semester, City campus

81000 PhD Thesis: Design

Оср

Further information on this subject is available from UTS: Design, Architecture and Building.

81821 Thesis (Design)

Оср

Further information on this subject is available from UTS: Design, Architecture and Building.

Typical availability

Autumn semester, City campus Spring semester, City campus

82120 Animation Studio: Foundations in Animation Language

12cp

This foundation studio introduces students to the fundamental principles of animation and animation design thinking and practice, such as timing, rhythm, performance, weight, gravity, inertia, character, movement, line, sound and cinema space. Students are challenged to explore their creativity and curiosity through a series of animation projects that investigate the movement of life. There is an emphasis on drawing and the conceptualisation of figural and life, portraiture and character representation, which is achieved through

observation and drawing. Students create design responses that build a visual language of narrative events. This subject introduces key concepts and theories of animation and cinematic language and culture.

82121 Context: 2D Animation Introduction

6cr

This subject introduces students to major styles from traditional animation to digital animation techniques and students are introduced to the theory and practices of 2D animation from analogue to digital. This subject is taught in tandem with Animation Studio: Foundations in Animation Language with additional activities which are targeted at developing exploratory pre-visualisation processes such as storyboarding and concept design using drawing and software such Flash, Illustrator and Photoshop.

82220 Animation Studio: Foundations in Animation Design

12cr

This subject introduces students to theories and practices of 3D CGI for animation. It is primarily a skill-based subject, focused on understanding the basic technical fundamentals of animation as expressed through industry standard 3D software. Students in this subject learn the fundamentals of 3D animation in Maya, and gain an understanding of complex interface of the 3D environment. Although underpinned by the same fundamental principles as 2D animation, this subject brings a new set of challenges. The technical complexity of the CGI interface demands a patient and thorough approach, and students are required to keep a subject specific notebook. There is also a far greater challenge to be taken on here; how to invest performance in 3D digital animation with the human feel that is crucial to generating empathy. Students should be mindful that digitally generated animation can often appear sterile and cold, and an over reliance on software-led movement must be avoided. Be aware that although it is possible to generate movement very quickly in 3D, conversely it takes a surprising amount of time to refine this movement into a believable and sympathetic form

It is important to note that there will be aspects of this subject that reiterate principles and conventions from 2D animation fundamentals. The technical demands and the major differences in work creation between 2D and 3D make this process absolutely necessary.

82221 Context: 3D Animation Introduction

6ср

This subject introduces students to theories and practices of 3D CGI for animation. It is primarily a skill-based subject, focused on understanding the basic technical fundamentals of animation as expressed through industry standard 3D software. Students in this subject learn the fundamentals of 3D animation in Maya, and gain an understanding of complex interface of the 3D environment. Although underpinned by the same fundamental principles as 2D animation, this subject brings a new set of challenges. The technical complexity of the CGI interface demands a patient and thorough approach, and students are required to keep a subject specific notebook. There is also a far greater challenge to be taken on here; how to invest performance in 3D digital animation with the human feel that is crucial to generating empathy. Students should be mindful that digitally generated animation can often appear sterile and cold, and an over reliance on software-led movement must be avoided. Although it is possible to generate movement very quickly in 3D, it takes a surprising amount of time to refine this movement into a believable and sympathetic form.

It is important to note that there are aspects of this subject that reiterate principles and conventions from 2D animation fundamentals. The technical demands and the major differences in work creation between 2D and 3D make this process absolutely necessary.

82320 Animation Studio: Narrative Investigations

12cp

This studio enables students to engage with experimental animation processes that advance their understanding of narrative and performance. Projects focus on exploring the conceptualisation of complex design ideas grounded in pre-visualisation animation practices such as concept art, character design, sound, storyboarding, animatic and prototyping. Projects also focus on the theorisation and design of screen space, performance and narrative in relation to animation.

82321 Context: 3D Animation Advanced

6ср

This subject builds on the skill sets learned in 82221 Context: 3D Animation Introduction and is designed to advance students knowledge of the theory and operation of industry 3D animation. It focuses on modelling (using industry standard programs such as zbrush and mudbox), lighting and VFX techniques. Emphasis is placed on the art of animation movement, performance and expression and students focus on the quality and aesthetics of the movement of the character design.

82420 Context: 2D Animation Advanced

6cp

This project-based subject builds on the skills and techniques introduced in 82121 Context: 2D Animation Introduction and each student develops an advanced animation response to a suite of project briefs currently explored in tandem with 88211 Animation Studio: Narrative Experimentations. When taken in sequence after students have completed 82121 Context: 2D Animation Introduction this advanced subject provides students with a detailed understanding of the design and production of 2D digital animation using industry standard software such as Flash, After Effects and Nuke. Students are expected to understand design processes in the production of 2D animation, gain knowledge of relevant software, demonstrate design and production skills, and demonstrate appropriate design solutions for a project of their choice.

82520 Context: Design for Three-dimensional Computer Animation

6cp

For subject description, contact UTS: Design, Architecture and Building.

82620 Animation Studio: Animation Industry Project

12cp

The Industry Project Studio introduces students to the negotiation of animation outcomes through collaborative animation design projects (undertaken and marked as group and individual assignments) set by creative industry/community partners. Students work in groups learning professional practice skills in documentation, communication, negotiation and design outcomes. Projects have objectives set out by the industry/community project leader who works with the academic supervisor.

82621 Context: Experimentations for Animation and VFX

6ср

This subject complements the industry projects under development in Studio: Industry Project. Students work in groups (and submit work for individual and group assessment) to experiment and propose animation design solutions to the industry project. This subject requires students to apply their 3D animation skills acquired in 82221 Context: 3D Animation Introduction, 82321 Context: 3D Animation Advanced and 89205 Design for Three-dimensional Computer Animation in support of the projects undertaken in 82620 Animation Studio: Animation Industry Project. The aim of this subject is to further extend design practices in 82620 Animation Studio: Animation Industry Project. Areas include advanced rigging and character set-up using animation software such as Vicon iQ, Motion Builder and Maya to capture, process and apply motion capture and/or key frame data to a character and/or VFX. Students work in collaborative groups undertaking specific roles from pre-visualisation, production and postproduction/compositing to achieve an animation sequence outcome.

82710 Animation Studio: Advanced Animation Practice

12cn

This studio operates in tandem with 82711 Animation Studio: Animation Project Pre-Production, to advance students' individual design approach to animation practice. It focuses on self-directed research, where students develop strategies and practices that inform the basis of the honours project undertaken in Semester 2. Experimentation in thinking and practice is encouraged as a means towards developing an individual design approach with an emphasis on innovation. The aim of this studio is the fostering of conceptual thinking and design research into a key area of animation visualisation such as performance, VFX or narrative as it relates to their final studio, 82800 Animation Studio: Animation Project / Production.

82711 Animation Studio: Animation Project Preproduction

12cp

In this studio, students undertake to develop an idea/script/concept brief for an original short piece of animation work done in tandem with 82710 Animation Studio: Advanced Animation Practice. Their project can be in any form and style of animation production. Students work with leading animation professionals and academic supervisors to negotiate the feasibility and length of their proposed project and production schedule. In the first semester, students are expected to take their project through research and appropriate pre-production processes (such as script development, pre-visualisation of key animation concepts, storyboard stages and/or visual scripts). They are expected to continue to develop their technical skills through a series of dedicated workshops and master classes.

82800 Animation Studio: Animation Project/Production

24cc

This is the capstone project within the Honours year, building upon conceptualisation undertaken in Semester 1. Students realise an innovative animation design solution to their animation problem. These projects are self-directed and supported by leading animation professionals and academic supervisors and students may be able to engage industry practitioners in specialist fields of animation production and postproduction/ post-visualisation processes. Students are expected to complete a piece of animation of broadcast or public exhibition standard, which must show evidence that they have engaged in a lively dialogue between theoretical ideas and production practices. Their completed project should demonstrate their professional skills, creative expertise and evidence of their capacities as an animator or digital VFX designer.

83000 Fashion and Film

6cp; intensive 10-day block on campus: 1hr lecture, 2hr tutorial, 2hr film screening/critique

Undergraduate

This subject explores the links between film and fashion that date back to the beginning of cinema. It traces the growing importance of the 'star system' that characterised classic Hollywood, which has been replaced today by the phenomenon of the 'actor-as-celebrity'. Students look at the operations of the film-fashion relationship in other national cinemas, for example the global impact of French stars such as Brigitte Bardot and Italian films of the post-war period such as *La Dolce Vita*, a favourite film of so many fashion designers. The subject also examines the relationship between film and fashion into the 21st century, the 'celebrity system'; film and fashion-related merchandising, fashion-related retailing, tie-ins and the way in which cinema creates desirable body shapes for every decade.

Typical availability

July session, City campus

83119 Thinking Fashion

6cp; 4hpw Undergraduate

This subject provides a foundation to fashion design practice. Through a series of lectures and design studio tutorials, students gain knowledge and design skills to enable them to undertake practical and theoretical investigation into the area of fashion practice. The lecture series introduces students to key theories of fashion, set around on the cultural, political and social significance of the dressed body. Topics include the fashion system, semiotics of fashion, fashion as art, and conceptual approaches to fashion. Design studios provides a practical context to examine the relationships between a range of 2D and 3D media, creative exploration and conceptual development. The subject culminates in the creation of an original fashion design project utilising conceptual approaches and practical investigation.

Typical availability

Autumn semester, City campus

83121 Fashion Communication: An Introduction

6ср

Undergraduate

This subject introduces the visual language of fashion through digital and freehand modes of communication. Students study the human body through life drawing and the basic rendering techniques required. Students are also introduced to digital means of representing mark-making and an understanding of the computer environment.

Typical availability

Autumn semester, City campus

83231 Fashion Cultures

6ср

This subject encourages students to further investigate fashion practice through design investigation while integrating individual research into studio activities. A lecture series provides an overview of the relationship between cultural innovation and the fashioned body in relation to a number of historical and contemporary subcultures. Design studios provides a practical context for the exploration of fashion practice in relation to alternate garment making methodologies, creative process, process documentation, reflective practice and image making. The subject culminates in the creation of an original fashion design project enabling the student to position fashion design practice as a form cultural research.

First-year experience videos

- Student video: www.youtube.com/user/utschannel#p/u/13/ F6f-nKLIfIY
- Academic video: www.youtube.com/user/utschannel#p/u/23/ ELMHsKz0EzE

83233 Fashion Illustration Fundamentals 2

6ср

This subject continues to develop students' understanding of the visual language of fashion and textile design. This includes the study of fashion illustration techniques, range and production drawings. In computing, students translate illustration and production drawings for further exploration through digital media.

Typical availability

Spring semester, City campus

83341 Fashion, Gender and Identity

6cp; lecture and studio practice

Requisite(s): 83119 Thinking Fashion AND 83231 Fashion Cultures AND 85502 Researching Design History AND 85503 Design Thinking Undergraduate

This subject explores the social and political representations of gender and identity in fashion by studying the conditioning of the body and body image in western society. It challenges students to question fashion imagery and to analyse its message surrounding gender and cultural identity. It engages with fashion theory regarding the construction, performance and representation of gendered and sexual identities. The representation of appearance and its projection through media and cultural production is a key theme of this subject and provides the opportunity for students to engage in different modes of representation such as film, advertising, fashion photography, texts, and magazines.

Typical availability

Autumn semester, City campus

83343 Studio: Bespoke Fashion

6ср

Requisite(s): (83231 Fashion Cultures AND 83341 Fashion, Gender and Identity AND (83342 Couture Techniques OR 83883 Couture Techniques) AND 85502 Researching Design History AND 85503 Design Thinking) Undergraduate

This subject encourages students to explore traditional techniques as a means to create and engage with an inquiry into complex fashion design outcomes. The emphasis of the subject focuses on generating individual and original fashion design solutions specifically in relation to the human form. Students advance their design and technical knowledge as they are challenged to design three-dimensionally for the body. The subject is supported by specialised lectures, case studies and studio practice. It investigates the historical and contemporary context of fashion, and is supported by approaches to fashion draping as an essential patternmaking methodology. This subject combines both design and technical practices. It enables students to engage with advanced fashion construction skills as appropriate to the high fashion and couture markets including hand-sewing techniques.

Typical availability

Spring semester, City campus

83344 Fashion Communication: Drawing and Digital Media

6cp

Requisite(s): 83233 Fashion Illustration Fundamentals 2 Undergraduate

This subject consolidates the knowledge and understanding of drawing and digital media studied in previous communication subjects. Students develop projects specifically related to major studies in fashion. Students are encouraged to use both digital and freehand modes to explore the creative process, which may include client presentation and layout of fashion concepts. Mode of delivery is studio practice.

Typical availability

Autumn semester, City campus Spring semester, City campus

83563 Dress, Body and Couture

601

Requisite(s): 83341 Fashion, Gender and Identity AND 83342 Couture Techniques AND 83343 Studio: Bespoke Fashion AND 83345 New Textiles and Technologies

Undergraduate

This subject provides students with the opportunity to further explore design in relation to art, the body and form. A lecture series addresses notions of fashion's connection to art, conceptual design practices, alternative perceptions of couture practices and different forms of fashion presentation. Students pursue individual interests in terms of design and its application into a fashion context.

Typical availability

Autumn semester, City campus

83566 Contemporary Fashion Styling

6cp

Requisite(s): (83341 Fashion, Gender and Identity AND (83342 Couture Techniques OR 83883 Couture Techniques) AND 83343 Studio: Bespoke Fashion AND 83344 Fashion Communication: Drawing and Digital Media AND (83345 New Textiles and Technologies OR 83888 New Textiles and Technologies)] Undergraduate

This subject explores fashion styling and art direction in relation to the associated industries. Through a series of lectures, tutorials and project work, students research, analyse and consider the messages conveyed through fashion visual imagery, and use this as a basis for concept development and application towards, for example, a catwalk show, magazine or an advertising campaign.

Typical availability

Spring semester, City campus

83568 Advanced Fashion and Textile Techniques

6ср

Requisite(s): ((83342 Couture Techniques OR 83883 Couture Techniques) AND 83344 Fashion Communication: Drawing and Digital Media AND 83345 New Textiles and Technologies AND 83343 Studio: Bespoke Fashion)

This practice-led subject is designed to encourage students to build advanced skills and knowledge in technical areas of fashion and textile design. The subject includes issues relating to designing for 'product life extension'. Each of the projects offers a series of lectures and studio tutorials, which introduce students to contemporary and historical aspects and theory. These also include professional and ethical design practice. A selection of textile project options are offered.

83621 Studio: Foundations in Patternmaking and Construction 1

6ср

Undergraduate

This subject aims to provide students with the basic technical skills and abilities essential to begin interpreting design into a 3D form. Students participate in workshops that incorporate flat pattern making and garment construction where they learn the various techniques, finishes and specifications required to generate design ideas and concepts into realised outcomes.

Typical availability

Autumn semester, City campus

83622 Studio: Fashion Illustration Fundamentals 1

6cp

This subject introduces students to the fundamentals of fashion illustration as a means to develop an essential understanding of modes of visual communication within a fashion context. In the illustration module of the subject, students examine freehand modes of drawing and discover the importance and connections between technical drawing and the relationship to the human body. The digital module familiarises students to computer software such as Adobe Photoshop and instills visual techniques suitable for creating professional fashion layouts and range boards to present their design work.

83721 Studio: Fashion Illustration Exploration

6cr

This subject enables students to advance their knowledge and technical skills in fashion communication. It extends the techniques gained in 83622 (see page 952) Fashion Illustration Fundamentals 1 and 83233 (see page 951) Fashion Illustration Fundamentals 2 through exploring complementary mediums and modes of fashion illustration. Subject content includes life drawing and initiating students to digital media software such as Adobe and InDesign as a means to create professional layouts and formats. Essential proficiencies in communicating fashion are crucial within the fashion and textile industry. This subjects aims to further develop these professional attributes through assisting students to understand and create the importance of developing fashion collateral, portfolio and client presentations.

83722 Studio: Body Mapping

6ср

In this subject the primary emphasis is to introduce students to the fundamentals of working with stretch and knitted fabrications, and generating contoured fashion design 'on-the-body'. The subject combines design and technical components, and teaches students how to develop design concepts suitable for predetermined markets, patternmaking and construction of 'bodywear', such as swimwear or sportswear. The subject is supported by a series of lectures with industry specialists as a means for students to advance their knowledge and provide research pathways for third-year subjects. Students are challenged to produce a portfolio of illustrated design work as a means to translate a series of their designs into realised outcomes. Students investigate advanced notions of patternmaking, constructing garment toiles, body fitting techniques, and critiquing final garment design.

83723 Textile Lab: New Technologies

6cp

This subject introduces students to the fundamentals of textile print design and emerging digital technologies for fashion. Through a series of workshops, students explore creative methods to generate imagery, with the emphasis on individuality, originality and innovation for textile application. Students learn traditional textile production techniques including screenprinting, and contemporary digital textile techniques including sublimation and digital printing. In this subject students challenge print conventions and explore creative photographic and graphic styles. Students are introduced to techniques used to create repeat patterns and how to prepare artwork for print production in industry. A series of lectures and workshops introduce students to developments in techno textiles, including extreme, medical and sports applications, with the aim to generate an awareness of creative potentials for fashion design innovation. An emphasis throughout this subject is placed on a professional and sustainable print room practice. The subject is linked to industry sponsorship opportunities.

83773 Fashion and Textiles Research Dissertation

6ср

Requisite(s): (83561 Men's Collection OR 83884 Men's Collection) AND (83562 Tailoring: New and Traditional Techniques OR 83885 Tailoring: New and Traditional Techniques) AND 83563 Dress, Body and Couture AND 83564 Digital Fashion Multimedia AND 83565 Marketing Promotions for Fashion AND 83566 Contemporary Fashion Styling AND (83567 Women's Collection OR 83886 Women's Collection)

There are also course requisites for this subject. See access conditions.

Undergraduate

In this subject students are required to research a project oriented to support their personal design philosophy or interest in a design-related topic. Research must be presented in a written form and may include visual components.

Typical availability

Autumn semester, City campus

83774 Fashion and Textile Research and Conceptualisation

12cr

This subject requires students to research a project that supports their personal design philosophy or interest within a fashion and/or textile design-related field. The in-depth design project provides a structured experience for students by offering a self-directed design project that combines research and practice. The subject is supported by a series of lectures, tutorials and workshops that address current fashion and textile design issues. It concludes with a final body of experimental design work that documents the research and design process.

83777 Professional Practice for Fashion and Textile Designers

6ср

Undergraduate

This subject prepares students for entry into professional practice. There are lectures on business procedures related to fashion and textile design and the subject includes copyright and ethical issues specific to the discipline. Students follow a self-initiated project designed to enhance their professional knowledge and skills with regard to the fashion and textile design industry. Examples of possible project areas include industry initiated design competitions, industry linked grant application, business plans and community collaboration. While the subject is self-directed, learning is supported by group tutorials and workshops.

Typical availability

Autumn semester, City campus Summer session, City campus

83821 Studio: Men's Collection

12cp

This subject gives students the opportunity to explore fashion within an international context and focuses on design, making and presentation of original menswear. A lecture series explores contemporary and historical contexts of male culture, in relation to men's style and the performance and presentation of masculine identity. A brief enables students to challenge their own aesthetic bias by working with an existing design signature, utilising research, technical and conceptual skills to produce a significant body of creative work. This subject brings together a strong industry focus set around range development and the presentation of contemporary menswear. Students are provided an opportunity to consider alternate modes of presenting menswear proposals. These revolve around 2D image making and publication or the presentation of the menswear within spatial and performative contexts.

83822 Studio: Women's Collection

12cr

In this subject students explore experimental fashion practice as it relates to contemporary womenswear. The subject is supported by a series of guest industry lectures and specialised studio workshops where students explore contemporary ideas and design methodologies. The lecture series introduces students to conceptual fashion practice and the relationship of fashion to art and the body. Through a series of workshops in explorative drape techniques, students investigate a sculptural approach to garment formation,

and generate ideas for womenswear range outcomes. This subject encourages students to challenge and extend contemporary fashion practice, expressed in the production of garment outcomes and design of a women's collection.

83823 Fashion and Textiles Professional Practice

6cp

This subject develops students' understanding of professional practice in the fashion and textile design industries. The focus for the subject is on contemporary industry practice within both local and global markets. Students develop their understanding of different roles within fashion and textile business structures, and projects are developed through both individual and group work to simulate design team environments. The role of the designer within the fashion system is explored, together with practices of making, manufacturing, marketing, and business planning. Students are introduced to industry practices such as costing garment ranges, and explore retail environments and e-commerce. Students are also introduced to career development options, job applications and portfolios. The subject includes contemporary issues which challenge industry practices including ethical and environmental concerns.

83881 An Introduction to Patternmaking and Construction

6ср

Undergraduate

This subject aims to provide students with the basic technical skills and abilities essential to begin interpreting design into a 3D form. Students participate in workshops that incorporate flat pattern making and garment construction where they learn the various techniques, finishes and specifications required to generate design ideas and concepts into realised outcomes.

Typical availability

Autumn semester, City campus

83882 Foundations in Patternmaking and Construction 2

6cp

This subject aims to further develop students' understanding and technical abilities in flat pattern making and garment construction. This allows students to gain a critical understanding of block construction and the possibilities of producing more complex design solutions through pattern development. The content pre-empts the design subject in the following semester.

Typical availability

Spring semester, City campus

83883 Couture Techniques

6ср

Requisite(s): (83120 An Introduction to Patternmaking and Construction OR 83881 An Introduction to Patternmaking and Construction) AND (83232 Intermediate Patternmaking and Construction OR 83882 Foundations in Patternmaking and Construction 2)

Undergraduate

This subject promotes traditional specialist techniques through a variety of complex and inquiring design outcomes. Through case studies and studio practice students investigate the historical and contemporary context, as well as the use of, haute couture techniques. This subject is supported by drape methodology and introduces students to the fundamental techniques of creating design on a mannequin and the human form.

Typical availability

Autumn semester, City campus

83884 Men's Collection

6cp

Requisite(s): (83341 Fashion, Gender and Identity AND (83345 New Textiles and Technologies OR 83888 New Textiles and Technologies) AND 83343 Studio: Bespoke Fashion AND 83344 Fashion Communication: Drawing and Digital Media AND (83342 Couture Techniques OR 83883 Couture Techniques)) Undergraduate

This subject focuses on designing for men, covering issues regarding the evolution of men's attire and the context of the male in society. Through research work and a project brief, students explore the historical and contemporary context of menswear, eventuating in a body of work.

Typical availability

Autumn semester, City campus

83885 Tailoring: New and Traditional Techniques

6ср

Requisite(s): (83120 An Introduction to Patternmaking and Construction OR 83881 An Introduction to Patternmaking and Construction) AND (83232 Intermediate Patternmaking and Construction OR 83882 Foundations in Patternmaking and Construction 2) AND (83342 Couture Techniques OR 83883 Couture Techniques)

For subject description contact UTS: Design, Architecture and Building.

83886 Women's Collection

6cr

Requisite(s): ((83561 Men's Collection OR 83884 Men's Collection) AND 83563 Dress, Body and Couture AND 83568 Advanced Fashion and Textile Techniques)

Undergraduate

In this subject students explore experimental fashion practice as it relates to contemporary womenswear. The subject is supported by a series of guest industry lectures and specialised studio workshops where students explore contemporary ideas and design methodologies. The lecture series introduces students to conceptual fashion practice and the relationship of fashion to art and the body. Through a series of workshops in explorative drape techniques, students investigate a sculptural approach to garment formation and generate ideas for womenswear range outcomes. This subject encourages students to challenge and extend contemporary fashion practice, expressed in the production of garment outcomes and design of a womens collection.

Typical availability

Spring semester, City campus

83887 Fashion and Textile Design Major Project

24cp

Undergraduate

The major project allows students to fully demonstrate their professional ability and accumulated knowledge from previous years' study, through the execution of a personally prepared design brief completed earlier in the year. The project is self-directed and study is independent of the program but is supported by lecturers in supervisory roles. Assessment is based on the process and presentation of an agreed and completed body of work.

Typical availability

Spring semester, City campus

83888 New Textiles and Technologies

6ср

Requisite(s): ((83232 Intermediate Patternmaking and Construction OR 83882 Foundations in Patternmaking and Construction 2) AND 83233 Fashion Illustration Fundamentals 2)

The aim of this subject is to introduce current and emerging technologies and processes developed by industry and applied to textiles in the field of art, design, engineering and science. Students explore current and future concepts of textiles and consider their specific application into fashion design. Students are introduced to the design potential of these materials and develop an awareness of the creative possibilities of new textile processes. Through a series of lectures and workshops, students are also introduced to the contemporary work of textile artists and designers who use new textile technologies in their work.

Typical availability

Spring semester, City campus

83900 Research Realisation: Major Project

24cp

Further information on this subject is available from UTS: Design, Architecture and Building.

83921 Research: Fashion and Textiles Dissertation

6cm

Further information on this subject is available from UTS: Design, Architecture and Building.

83922 Research: Professional Practice Identity

6cp

Further information on this subject is available from UTS: Design, Architecture and Building.

83923 Research: Fashion Concept Lab

12cr

Further information on this subject is available from UTS: Design, Architecture and Building.

84000 Industrial Design Special Project

6cp

Industrial design covers a diverse and complex range of issues dealing with the human condition and the built environment. Due to this diversity and complexity, practitioners generally specialise within a sector of the industry. This subject offers students the opportunity to gain a highly developed and detailed understanding of a specialised or specific area of industrial design practice. Entry into this subject is based on the capabilities of the individual student and the appropriateness of the proposed study. Students engage with a specific project through a supervised self-directed learning contract that offers a flexible learning approach. Projects may respond to community and faculty needs or to the individual student's preferred direction in their academic and career development. This subject may only be undertaken following consultation with and approval by the course director.

84110 Aesthetics in Industrial Design

6ср

Undergraduate

Aesthetics play a very important role in industrial design—how people perceive a product can mean the difference between its success, or failure in the market place. However aesthetics are more than simply a means of selling products, the pleasure derived from using products that look, feel and work beautifully is very important to humans from all backgrounds. This subject explores what it is that determines whether aesthetics succeed or fail, and gives the student first-hand experience in analysing and discussing aesthetic as well as practical experience in designing with aesthetic development as the main focus. The subject covers the creative process and methodologies for identifying and developing both aesthetic judgment and confidence.

Typical availability

Autumn semester, City campus

84111 Understanding Three-dimensional Form

6cp

Undergraduate

Throughout the program, students are expected to construct simple models, make test components and possibly working prototypes. This practical, hands-on subject sets the foundation for this work. It covers the appropriate use of materials and tools and the related OH&S issues. The subject includes workshop accreditation required for the use of power tools and equipment. Exercises involving the construction of three-dimensional objects form part of the subject.

Typical availability

Autumn semester, City campus

84112 Integrated Product Design Communications

6ср

Undergraduate

This subject will introduce students to the techniques used by the industrial designer to communicate his or her own ideas and designs. There will be workshops that look at the different styles used in hand drawing. There will also be workshops to introduce the principals of geometry and measured drawing that will form the basis for working three-dimensionally in the digital environment later in the course.

Typical availability

Autumn semester, City campus

84113 Problem Solving in Industrial Design

6ср

Undergraduate

A core activity within the profession of industrial design revolves around creative problem solving. Consequently, students need to be introduced to and develop a deep understanding of this core activity. This subject therefore introduces basic problem solving structures and strategies within an industrial design context. This is accomplished using various teaching strategies including a series of formal lectures, industrial design problems and projects (long term and short term) to be completed as individuals and in groups.

Typical availability

Spring semester, City campus

84120 Structure, Form and Material in Industrial Design

6cr

Requisite(s): 84110 Aesthetics in Industrial Design AND 84111 Understanding Three-dimensional Form AND 84115 Informing Integrated Product Design

Undergraduate

All products need a certain degree of structure if they are to function. Understanding how products respond to the environmental loads placed upon them is therefore an important part of design. This subject aims to help students identify the way in which products react to various types of load, and how to design in a suitable level of structure. Starting with an introduction to materials' properties, and simple engineering principles, the subject develops an understanding of how form and material choice can be manipulated to achieve the desired design outcome.

Typical availability

Autumn semester, City campus

84121 Computer-aided Industrial Design

6ср

Requisite(s): 84114 Integrated Product Design Digital

Communication Undergraduate

Computer-aided design is a substantial part of an industrial designer's repertoire. This subject continues with the mechanics of three-dimensional computer modelling and how it can be used to explore form and create virtual products. It also covers how the model can be used to communicate that form to others and how to support downstream manufacturing processes. This subject gives students exposure to the whole process from form creation to product realisation.

Typical availability

Autumn semester, City campus Spring semester, City campus

84122 Ergonomics and Industrial Design

6cp

Requisite(s): 84110 Aesthetics in Industrial Design AND 84111 Understanding Three-dimensional Form AND 84115 Informing Integrated Product Design

Undergraduate

Ergonomics is the application of scientific information about human capabilities and limitations to design. Anthropometry is a component of ergonomics that is about the measure of human scale and strength. Ergonomics and anthropometry play a fundamental role in industrial design. The scale and capabilities of humans provides critical guidelines for the successful development of product and

interface designs. By appropriate application of data, designers can make designs that are efficient and effective to use. This subject introduces the various measures of both efficiency and scale, and informs students of where to find and how to set about interpreting scientific data relating to the topic.

Typical availability

Autumn semester, City campus

84123 Material Manipulation

6cr

Requisite(s): 84120 Structure, Form and Material in Industrial Design

Undergraduate

Manufacturing is intrinsic to design - without an understanding of basic manufacturing principles such as how materials are processed, which materials provide what properties, etc., it is impossible to produce a considered design response to a problem. This subject aims to introduce students to major processes and materials, to involve them in design projects that demand material and process considerations, and to initiate a lifelong learning process aimed at validating the conceptual design process.

Typical availability

Spring semester, City campus

84124 Sustainability and Design

6cp

Requisite(s): 85503 Design Thinking AND 84110 Aesthetics in Industrial Design AND 84111 Understanding Three-dimensional Form AND 84115 Informing Integrated Product Design AND 85502 Researching Design History

Undergraduate

Among the more urgent needs of human societies today is to realise sustainable relationships with our planet's biosphere. The last decade has seen the emergence of increasingly comprehensive strategies by which designers can contribute to this wider societal goal. This subject provides frameworks for these strategies, options for their implementation in industrial design, as well as project opportunities to gain practical experience in their application.

Typical availability

Spring semester, City campus

84130 Product Technology

6ср

Requisite(s): 84120 Structure, Form and Material in Industrial Design AND 84123 Material Manipulation

Undergraduate

This subject makes an in-depth examination of how things work. It is intended to give students an understanding of the technology that makes products work and enables humans to interact and control product functions. The completion of a major project requires students to demonstrate an understanding of the creative application of technology to a product design of their own.

Typical availability

Autumn semester, City campus

84131 Industrial Design Directions

6ср

Requisite(s): 84110 Aesthetics in Industrial Design AND 84111 Understanding Three-dimensional Form AND 84115 Informing Integrated Product Design AND 85502 Researching Design History AND 85503 Design Thinking

Undergraduate

This subject is about exploring different careers that are available on completion of the Industrial Design course. Students have the opportunity to research one or more design career options in some detail and either undertake work experience in the design field of their choice or carry out an externally based project related to their design interest. Past graduates and practising designers are invited to talk about their experiences and the realities of working as professionals.

Typical availability

Autumn semester, City campus Spring semester, City campus

84133 Industrial Design Theory

6cr

Requisite(s): 85502 Researching Design History AND 85503 Design Thinking

Undergraduate

Design is experiencing profound change, instigated in part by remarkable and rapid developments in technology and changing perceptions of the role of design in society. This subject considers diverse theoretical and practical developments core to contemporary and future industrial design practice. It fosters divergent, emergent and sometimes controversial viewpoints. It is offered primarily by way of lectures and seminars. Students are mentored in researching and presenting material relevant to the subject themes.

Typical availability

Spring semester, City campus

84135 Ecodesign Practice

6cr

Requisite(s): 84124 Sustainability and Design AND 84904c Integrated Product Design Major Project: Realisation

It is during the design process that the potential for environmental improvement becomes a reality. This subject describes the practical steps and strategies available to industrial designers wanting to optimise their product's environmental performance. Designers must make complex trade-offs over the whole product life cycle during the ecodesign process.

Typical availability

Autumn semester, City campus

84610 Inside Design

6cp

Further information on this subject is available from UTS: Design, Architecture and Building.

84611 Design Thinking in Integrated Product Design

6cr

Further information on this subject is available from UTS: Design, Architecture and Building.

84710 Research Methods in Integrated Product Design

6cr

Further information on this subject is available from UTS: Design, Architecture and Building.

84711 User-Centred Design

12cp

Further information on this subject is available from UTS: Design, Architecture and Building.

84712 Product Engineering

12cp

Further information on this subject is available from UTS: Design, Architecture and Building.

84771 Industrial Design Project 700A

6cp

Requisite(s): 84120 Structure, Form and Material in Industrial Design AND 84123 Material Manipulation AND 84130 Product Technology

Undergraduate

Market focus: A manufacturer or company representative briefs the students on a real-world design problem as seen from a marketing perspective. Students are required to draft a formal brief, prepare a task/time sheet and develop a resolution to the problem. On completion they present the solution to the 'client' for feedback.

Typical availability

84772 Industrial Design Professional Practice

6cp

Requisite(s): 84122 Ergonomics and Industrial Design AND 84130 Product Technology AND 84133 Industrial Design Theory AND 84134 Integrated Product Design Professional Communication Undergraduate

This subject focuses on understanding the different models of design management structures and methods used in industry and recognising their impact on the design process.

The practice of industrial design, particularly Australian design, is investigated through a series of case-study presentations. Particular emphasis is placed on issues relating to ethics, intellectual property and contractual administration in new product development. This subject enables the student to deepen their understanding of industrial design through application of knowledge gained in the course to the area of professional practice.

Typical availability

Autumn semester, City campus

84780 Research Dissertation ID

6cp

Requisite(s): 84131 Industrial Design Directions AND 84133 Industrial Design Theory

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject ties together many of the strands of the program to date. Students examine an activity field from a design systems perspective: the tasks required to perform the activity, the current products involved, the size of the field and its complexity. In short, all the systems which interact with the field of study. The aim is to find where improvements might be made and how they might be implemented, either by changes to the system or by the introduction of new or improved products. The results are compiled in a report.

Typical availability

Autumn semester, City campus

84811 Smart Design

12cp

Further information on this subject is available from UTS: Design, Architecture and Building.

84812 Innovation and Commercialisation in Integrated Product Design

12cp

Further information on this subject is available from UTS: Design, Architecture and Building.

84880 Major Project ID

24cp

Requisite(s): 84771 Industrial Design Project 700A AND 84780 Research Dissertation ID AND 84140 Industrial Design Professional Practice AND 84134 Integrated Product Design Professional Communication

There are also course requisites for this subject. See access conditions.

Undergraduate

The major project is determined by the student in consultation with staff, and the topic is normally derived from research carried out in 84780 Research Dissertation ID. The field of study largely determines the content, however it is expected the project will include an analysis, solution proposal, documentation and presentation. The aim of this project is to demonstrate the skills and knowledge gained during the course.

Typical availability

Spring semester, City campus

84900 Superstudio

24cp

Further information on this subject is available from UTS: Design, Architecture and Building.

84902 Industrial Design Major Project: Research and Conceptualisation

12cp

Requisite(s): 84122 Ergonomics and Industrial Design AND 84130 Product Technology AND 84133 Industrial Design Theory AND 84134 Integrated Product Design Professional Communication

This is a project driven subject focused on researched-based designing. Throughout it students produce a design project brief and a number of conceptual designs. The brief is developed through engagement of appropriate research methodologies. These include but are not limited to background contextual research; theoretical conceptual investigation; situation analysis; problem-statement; and statement of aims, methods and outcomes and technological mapping. The brief development should be further informed by contextual exploration through in-depth observation, interviewing or probing of the social context. The conceptual designs should evidence explorations of form, function, ritual-of-use, ergonomics, product life cycle, materials and technologies.

84903 Industrial Design Professional Project

12cp

Requisite(s): 84122 Ergonomics and Industrial Design AND 84130 Product Technology AND 84133 Industrial Design Theory AND 84134 Integrated Product Design Professional Communication

This subject allows students to demonstrate and build on their comprehension of the knowledge gained so far in the course. Projects emphasise all aspects of the industrial design process and students are required to engage with social, technological, environmental and commercial issues. Projects reflect real-world design briefs, where possible, supported by a manufacturer or company.

84905 Design in the Wild

12cp

Further information on this subject is available from UTS: Design, Architecture and Building.

84906 Professional Studio

12cn

Further information on this subject is available from UTS: Design, Architecture and Building.

85202 Interdisciplinary Lab A

6cp

Further information on this subject is available from UTS: Design, Architecture and Building.

85302 Interdisciplinary Lab B

6ср

Further information on this subject is available from UTS: Design, Architecture and Building.

85500 Design Futures: Creative Technologies

6ср

Requisite(s): 85502 Researching Design History AND 85503 Design Thinking

Undergraduate

In this subject, students enhance the creativity of their designing in the context of increasingly technology-dependent futures. Students experiment with a range of creative problem-solving techniques and learn to take more risks with lateral ways of generating design options. Through various philosophies of technology and case studies of the development, take-up and consequences of a number of technological innovations, students also gain an understanding of how technology creates, and is created by, changing cultural habits, perceptions and values. By bringing together information on creativity strategies and human-technology relations, students are able to develop alternative futures through experiments with design-orienting scenarios.

Typical availability

85502 Researching Design History

6ср

In this subject students are introduced to academic culture and the research and argumentation conventions involved in higher learning. Students use these skills to investigate key issues throughout the history of modern design. With this understanding, students begin to be able to make judgments about what design can and needs to do in the coming decades.

Typical availability

Autumn semester, City campus

85503 Design Thinking

6cn

Undergraduate

The aim of this subject is to help students develop their attitude, behaviour and thinking as designers. It aims to show them what the field of design looks like from the inside and to challenge preconceptions. Students develop their knowledge of design processes and design research techniques that are common to all design disciplines. Students learn a range of strategies for working in teams, defining design problems, researching design contexts, generating creative responses, evaluating proposals from different perspectives, and visualising the arguments for proposals. The subject also introduces students to the rigorous and self-directed learning environment of the School of Design.

Typical availability

Autumn semester, City campus

First-year experience videos

View commentary from students and academics about this first-year subject at:

- Student video: www.youtube.com/watch?v=SM_ff37qLOY
- Academic video: www.youtube.com/watch?v=B-U5QmtePiA

85504 Design Futures: Sustainable Lifestyles

6ср

Requisite(s): 85502 Researching Design History AND 85503 Design Thinking

This subject examines how design can influence people to live and work more sustainably. Students investigate the many varied historical and international forces that have led modern consumer societies to evolve unsustainably and utilise resources inequitably. By engaging with theory and practice students gain an understanding of the forces that continue to prevent societies from becoming more sustainable. Through this subject students develop proposals for design-led attitudinal and behaviour change toward more sustainable ways of living and working.

Typical availability

Spring semester, City campus

85505 Design Interventions: Making Theories

6ср

Every design embodies a theory about people, the world and the way people interact with products, environments and communications. This subject teaches how to develop well-constructed theories that can give new insights into situations and thereby develop more creative and more effective designs. Students are introduced to a range of current cultural theories including: visual culture – which focuses on the way the 'society of spectacle sees things'; and material culture – which focuses on the material things we depend upon and value by owning.

Typical availability

Spring semester, City campus

85506 Design Differences: Intercultural Asia

6cp

Requisite(s): 85502 Researching Design History AND 85503 Design Thinking

In this subject, students explore issues of intercultural communication and cross-cultural designing. The subject examines the differences in design cultures not only between the East and West, but between

different east Asian countries, and within those countries as they negotiate post-colonialism or globalisation. Students learn about some of the design traditions and philosophies of particular North-East and South-East Asian countries. Through applied research toward interdisciplinary design projects, students also explore current design issues and trends, including the nature of professional practice in those countries.

85509 Design Differences: Community Identities

6ср

Designers fulfil the needs and desires of others through empathy. This subject explores notions of identity so that you can have more insight into your own background and more flexibility when trying to understand the backgrounds of others. You will examine changing senses of self and community in an age of globalised media and commerce using contemporary cultural studies perspectives. The subject also explores the politics of marginal and mainstream identities through a range of experiences and experiments. As a result, you will become more adept at working with a range of competing and often incompatible stakeholder expectations.

Typical availability

Autumn semester, City campus Spring semester, City campus

85601 Design Interventions: Business Innovation

6cr

Requisite(s): 85502 Researching Design History AND 85503 Design Thinking

Designers do not have to wait for clients to walk through the door, but can instead use their design skills to develop new businesses. This subject explores the fields of innovation and leadership to give students contexts for designing entrepreneurially. Students look at case studies that have employed design to create new markets, reshaping habits, perceptions and social values. This subject centres on interdisciplinary collaborations through which, students identify a new market potential whilst experimenting with future-orientating scenarios, and then, in consultation with representatives of that context, design/propose something for that new market.

85602 Interdisciplinary Design Lab: Undergraduate

6ср

Requisite(s): 85701 Research Based Designing

This subject is an opportunity for students to work intensively on experimental briefs that range across design disciplines. The design lab allows them to extend their abilities by engaging with challenging briefs in innovative contexts, such as emerging technologies or pressing social issues. The labs enhance critical analysis skills and the creativity of design work. They also teach students better team and project management skills in time-pressured situations and create opportunities to reflect on their own design processes when compared to those of other disciplines.

Typical availability

Spring semester, City campus

85603 Interdisciplinary Design Experience: Undergraduate

6cp

Requisite(s): 85701c Research Based Designing Undergraduate

This subject is an opportunity for students to work in inter-disciplinary teams on live briefs that range across design disciplines. The process enhances research and communication skills, as well as the ability to think critically about the consequences of what is designed. In particular, it allows students to learn in-depth about collaborative design and the potential of design to effect change in complex situations. Working with live briefs and real clients teaches better team and project management skills in situations where people depend upon professionalism. Working with colleagues from different design disciplines provides students with the opportunity to reflect on their own design processes.

Typical availability

85604 Reflective Practice

6cp

Professional designers are reflective practitioners, reflecting on their designs and their designing, while designing and after completing a job. Expert designers share their reflections with their peers and actively challenge the habits and prejudices revealed by their reflections. Through a series of readings, design exercises and writing exercises, students learn how to notice aspects of their designing worth reflecting on, how to interrogate what they notice, develop and test theories about their designing, and how to implement changes to the way they design.

85605 Design Differences: Community Identities

6cr

Requisite(s): 85502 Researching Design History AND 85503 Design Thinking

Undergraduate

Designers fulfil the needs and desires of others through empathy. This subject explores notions of identity so that students can have more insight into their own background and more flexibility when trying to understand the backgrounds of others. Students examine changing senses of self and community in an age of globalised media and commerce, using contemporary cultural studies perspectives. This subject also explores the different ways designers can help build the capacities of communities to sustain themselves in the future. The subject centres around interdisciplinary collaborations through which students identify an area of need, and then, in consultation with representatives of that context, design empowering responses.

85701 Research Based Designing

6cp

Requisite(s): (85502 Researching Design History AND 85503 Design Thinking AND (85506 Design Differences: Intercultural Asia OR 85601 Design Interventions: Business Innovation OR 85504 Design Futures: Sustainable Lifestyles OR 85500 Design Futures: Creative Technologies) AND 85603c Interdisciplinary Design Experience: Undergraduate)

These requisites may not apply to students in certain courses. See access conditions.

Undergraduate

The quality and innovativeness of professional designing depends upon careful and creative research. This subject introduces students to a range of methods and strategies appropriate to design processes through which designers can acquire valid and insightful understandings of the contexts in which they are designing. Students also learn through project work how to select research strategies most appropriate to the focus of each design project. In addition, the subject enhances the evaluative and argumentation skills of the students, both in terms of analysing collected data and presenting research findings to design teams, clients and stakeholders.

Typical availability

Spring semester, City campus

85702 Interdisciplinary Design Lab

12cp

Requisite(s): 85502 Researching Design History AND 85503 Design Thinking

Undergraduate

In this subject, design is conceived of in its widest and most exciting sense; as an agent for change in a complex world. The aim of the interdisciplinary design labs (DLabs) is to connect students with live research projects led by staff across the design school. The DLabs offer students from all disciplines a diverse range of exciting projects, often with partners from industry or the community, which engage with real-life problems and opportunities. The DLabs focus on problems that require an interdisciplinary design approach, and develop students' skills in collaboration and teamwork. The emphasis of this subject is on experimentation and innovation. The DLabs aim to prepare students for future developments in the design professions.

Typical availability

Spring semester, City campus

86001 Strategies for Interior Design

6ср

This subject introduces the student to a number of strategies for designing interior places. Strategies discussed include methods of rational analysis and synthesis, formal design paradigms drawn from history, strategies for developing concepts and for making space meaningful to user groups. These strategies provide a diverse set of tools that can be employed within different design contexts or at different stages in the design process. Various techniques for exploring and representing design ideas are also introduced. The subject aims to provide a foundation for future expertise in designing.

86002 The Human Environment

6ср

Using a cross disciplinary approach, ideas and methods from the fields of behavioural psychology, anthropology, anthropometry, ergomics, demography, and interior design are used to develop students' awareness and understanding of the interaction between people and interior environments. This overview is essential to students' understanding of the way human beings and their behaviour are influenced by and influence the design of interior places and environments.

86003 Interior Design Conceptualisation

6cp

This subject provides a foundation for understanding the design of permanent and impermanent spaces. Through the means of studio projects students explore and apply various design strategies with a focus on concept generation and design synthesis. This enhances their ability to develop and apply original conceptual approaches to design projects.

Students in this subject gain experience in team and individual work, conceptual thinking, interpretation, and the realisation of design ideas across four dimensions.

86004 Design Studio: Foundations in Spatial Language

12cr

This design studio introduces students to the thinking and practice of spatial design. It exposes students to key designers and projects in order to build the student's language of the discipline and define the context in which they will work. Students are challenged to explore and develop their creativity and curiosity through a variety of speculative design projects. First-year presentations focus on key practitioners, theorists and histories across the field of spatial design, including spatial designers, designers, architects, artists and filmmakers.

The design studio constitutes the primary vehicle for student learning and development throughout the Interior and Spatial Design program. Studios combine design tutorials, lectures, workshops, symposia, presentations and critical feedback.

86005 Design Studio: Foundations in Spatial Design

2cp

This design studio engages students with the thinking and practice of interior and spatial design. It develops students' language of the discipline through a study of key designers and projects in order to build and define the contexts in which the students work. Students are challenged to engage and develop their creativity and curiosity through a variety of speculative design projects.

The design studios constitute the core vehicle for student learning and development throughout the Interior and Spatial Design program. Students in this studio develop formal and informal experimental methods and through rigorous, iterative practices engage in the realisation and presentation of design concepts. The design process is evolved through the introduction of ideas of event, program and spatial organisation. Augmented by related readings and theory, students are asked to develop and present a designed response to a site, a community, a series of processes and intertwined issues.

First-year students focus on key practitioners, theorists and histories across the field of interior and spatial design, including interior designers, architects, artists and filmmakers.

86008 Context: Image and Making (Representation)

6ср

This subject aims to introduce students to the principal techniques of spatial visualisation and communication. The emphasis is on exploring multiple representational techniques in a rigorous and thoughtful way. Subject content includes drawing, sketching, drafting, digital image production and basic analogue model making.

The subject develops students' ability to understand three-dimensional space, visualise spatial environments, and represent these clearly and effectively through a range of media. Students' understanding of space as a medium evolves during the design process through an ability to translate spatial ideas across multiple communication modes. In this subject a variety of drawing and modelling techniques, often in tandem or in quick succession, build a flexible, multi-modal way of generating spaces.

86009 Context: Image and Making (Generative Methods)

6cr

This subject aims to establish and evolve techniques of spatial visualisation and communication. The emphasis is on exploring multiple representational techniques in a rigorous and thoughtful way. Subject content includes sketching, hand drafting, 2D and 3D CAD, graphic image production and analogue model making. Essential in visualising spatial environments is the designer's ability to understand three-dimensional space and translate that understanding clearly and effectively. This understanding evolves during the design process through an ability to translate spatial ideas across multiple communication modes. Students in this subject learn a variety of drawing and modelling techniques, often in tandem or quick succession, building a flexible, multi-modal way of working. There is an emphasis on developing the student's ability to generate forms and images through an iterative process.

86021 Interior Design History

6cp

Requisite(s): 86001 Strategies for Interior Design AND 86002 The Human Environment AND 86003 Interior Design Conceptualisation AND 8502 Researching Design History

This subject outlines the key people, spaces and activities from 1750 to the present, that come together to make up our contemporary understanding of the profession of interior design. The subject describes the economic, social and cultural context within which the discipline of interior design took shape. It also introduces key themes of this period that have been influential within the development of interior design, such as mobility, style, transience and progress.

Skills in drawing, critical thinking and design analysis are cultivated.

86022 Sustainable Human Futures: Residential Environments

6ср

Requisite(s): 86320 Interior Materiality and Design Detail AND 86110 Interior Design Communication: Digital Media AND 86001 Strategies for Interior Design AND 86002 The Human Environment AND 86003 Interior Design Conceptualisation AND 86420 Interior Design Communication

The subject explores the principles of sustainable life and human wellbeing using residential design as the focus. A broad approach is taken, which covers both global concerns and local apporaches to the design of sustainable dwellings by exploring sustainable design principles. In particular, human wellbeing is examined to provide a philosophical, practical and spiritual understanding of both house and home, so that residential design can usefully contribute to the health and wellbeing of the users of residential interiors.

86023 Light, New Materials and Form

6ср

Requisite(s): 86110 Interior Design Communication: Digital Media AND 86001 Strategies for Interior Design AND 86002 The Human Environment AND 86420 Interior Design Communication AND 86003 Interior Design Conceptualisation AND 86320 Interior Materiality and Design Detail

Light, materials, form and space are the primary elements that create and define human environments. Through the manipulation and enhancement of these elements the human experience can be shifted, elevated, orientated and guided. Students explore the effects that various spatial and elemental forms, lighting, colour and materials can have on the experience and interpretation of an interior space.

The subject encourages students to undertake creative investigation of the way emerging materials and systems, form-making, and lighting, can question the standard approaches to design outcomes.

86024 Hospitality Environments

6ср

Requisite(s): 86110 Interior Design Communication: Digital Media AND 86320 Interior Materiality and Design Detail AND 86420 Interior Design Communication AND 86001 Strategies for Interior Design AND 86002 The Human Environment AND 86003 Interior Design Conceptualisation

Hospitality environments address varied user needs including leisure, convenience, respite, recuperation, indulgence and experience. They include hotels, motels, retreats, serviced apartments, bars, cafes, restaurants and other food services.

This subject includes the theory, application and testing of the information required to analyse design and document interiors for this use, including cultural and market considerations and influences. An understanding of the requirements of the hospitality industry is gained through site surveys and precedent studies, environmental systems, planning, and the appropriate selection of furniture, fixtures and equipment. Within this subject students are introduced collectively to the broad sector of hospitality design and then focus on a particular aspect or subgroup of this sector.

86025 Interior Elements and Design Detail

6cp

Requisite(s): 86110 Interior Design Communication: Digital Media AND 86320 Interior Materiality and Design Detail AND 86420 Interior Design Communication

The practice of interior design focuses on the design of elements that define the spatial qualities of an interior. These elements sit within the larger systems and structure of the building and range in size, function and complexity.

This subject extends students' knowledge of materials and their incorporation into structural systems. Specific study is made of the construction of interior elements such as spatial subdivision, cabinetry and built-in furniture, and introduces students to specification writing and scheduling. This subject develops a broader and more complex understanding of detailing as an expression of design.

86031 Directions in Spatial Experience

6ср

Requisite(s): 85503 Design Thinking AND 86110 Interior Design Communication: Digital Media AND 86320 Interior Materiality and Design Detail AND 86420 Interior Design Communication AND 86002 The Human Environment AND 86023 Light, New Materials and Form AND 86001 Strategies for Interior Design AND 85502 Researching Design History AND 86003 Interior Design Conceptualisation

Interior design deals with the tangible and intangible realms of spatial experience. New technologies can further shape, stretch and manipulate the boundaries of this spatial experience and the ways in which people interact with material and digital space. Through the investigation of different technologies, such as advanced lighting, advanced digital representation, and interactive space, students explore and realise how these technologies can morph, shape and model interior spaces, contribute to the activities within such spaces and how these vary between interior environments.

Students undertake a generic project that introduces the new technologies and their inter-relationships, followed by a focused exploration into the directions of one of the selected technologies: interior lighting design, advanced digital representation or interactive space.

86041 Interior Design Major Project: Research and Conceptualisation

12cp

Requisite(s): 85502 Researching Design History AND 85503 Design Thinking AND 85701 Research Based Designing

Good designing necessarily involves research. Design research ranges from that which addresses issues of general concern within the field of design, to that which is particular to a proposed design project. Much design research belongs somewhere between these two objectives, serving both to further the general understanding of the designer and to inform a particular design.

Through the design studies subjects completed in years one, two and three of their degree program, all students have been introduced to a range of design research methods. These include strategies for research about design, research for design, and research through design. In this final year subject they draw upon these methods to construct a research program that informs and inspires the conceptualisation process for their major design project. In this subject it is intended that research and conceptualisation go hand in hand. This research and conceptualisation process is undertaken independently, mentored by a supervising member of academic staff. Students are expected to display initiative in developing and pursuing their project, and to demonstrate their capacity to arrive at understandings that can significantly enhance the sophistication with which they approach their major design project.

86042 Interior Design Professional Project

12cn

Requisite(s): 86160 Corporate Environments AND 86213 Interpreting Cultural Space AND 86031 Directions in Spatial Experience AND 86150 Consumer Environments

This subject provides a framework within which students further develop and refine their understanding of practice and their capabilities to enter practice. Through work experience or observation students investigate advanced communication strategies and approaches to folio presentation and marketing used within interior design practice, including web, digital and multimedia. The students use the insights gained from their experience or observation of practice to inform the development of an advanced strategy for communicating their design response to a competition or industry brief. This response is developed to the level of a professional project presentation and is then translated into a digital folio piece.

86043 Interior Design Major Project: Realisation

12cp

Requisite(s): 86160 Corporate Environments AND 86213 Interpreting Cultural Space AND 86031 Directions in Spatial Experience AND 86150 Consumer Environments

In response to a detailed design brief, supported by previous research, students explore an established design concept, and through this exploration develop and realise an innovative, holistic and professional design solution to a complex design problem within the diverse discipline of interior design. The solution includes aspects of feasibility and developed rationales for design approaches and strategies. This subject requires students to undertake self-directed study, guided by a supervisor, and informed by their professional capabilities and knowledge. Students are required to undertake critical analysis, synthesis and reflective evaluation as the intellectual basis of their working methodology.

86044 Independent Study

6ср

Undergraduate

Interior design covers a diverse and complex range of issues dealing with the human condition and the built environment. Due to this diversity and complexity, practitioners generally specialise within a sector of the industry. This subject offers students the opportunity to gain a highly developed and detailed understanding of a specialised or specific area of interior design practice.

Entry into this subject is based on the capabilities of the individual student and the appropriateness of the proposed study. Students engage with a specific project through a supervised self-directed learning contract that offers a flexible learning approach. Projects may respond to community and UTS: Design, Architecture and Building needs or to the individual student's preferred direction in his or her academic and career development. This subject may only be undertaken following consultation with and approval by the course director.

Typical availability

Autumn semester, City campus Spring semester, City campus

86110 Interior Design Communication: Digital Media

6ср

Undergraduate

Computer generated drawing is an intrinsic method of communication within design practice, for the exploration, testing, communication, visualisation and documentation of design ideas and intentions. Within a computer lab environment, students develop skills and

understanding of the principles and applications of CAD programs, together with an introduction to other graphic software packages that are directly related to the communication of interior design concepts and projects.

A foundation in the principles and applications of CAD and graphic programs allows students to apply this understanding to the use of other digital platforms.

Typical availability

Spring semester, City campus

86112 Design Studio: Experimentations

12cp

Experimentation in thinking and practice is central to the development of an individual spatial design language and theoretical position that should be reflected in the student's processes and outcomes. In applying previous knowledge of techniques and strategies in the forming and transformation of space as a process for experimentation, his subject investigates the creative possibilities of experimentation as a powerful tool in generating both form and the re/shaping of space to address formal constraints in both propositional and pragmatic student projects.

The design studio constitutes the primary vehicle for student learning and development throughout the Interior and Spatial Design program. At the beginning of semester, students choose a studio that has been presented by a studio leader who outlines the brief, program, theoretical and historical framework. While the scope of subject can differ, all projects are framed by the common theme of experimentation. Studios combine design tutorials, lectures, workshops, symposia, presentations and critical feedback.

86113 Context: Experimentations

6cp

This subject allows students to develop practical experience in explorative, analytical and representational techniques integral to the spatial design processes used in the forming and transformation of space. It includes sketching, photography, lighting and physical and virtual modelling, which feed into the framework of 86112 Design Studio: Experimentations. The learning processes throughout the semester include intensives, workshops, seminars, symposia and exhibitions.

86114 Context: Inhabitations

6cp

This subject examines and explores the possibilities that new material and fabrication techniques give to interior and spatial design. Students develop an understanding of and practical experience in advanced digital fabrication methods as well as material techniques (such as lighting and acoustics) in the formation and transformation of spaces.

The 'Context' subjects are divided in two parts, Techniques and Knowledge, which feed back into the framework of 86529 Design Studio: Inhabitations. The subject employs a diversity of learning processes throughout the semester that include intensives and workshops, seminars, panel sessions and events.

86133 Interior Systems and Design Detail

6ср

Requisite(s): 86023 Light, New Materials and Form AND 86025 Interior Elements and Design Detail AND 86001 Strategies for Interior Design AND 86002 The Human Environment AND 85502 Researching Design History AND 86003 Interior Design Conceptualisation AND 85503 Design Thinking AND 86110 Interior Design Communication: Digital Media AND 86320 Interior Materiality and Design Detail AND 86420 Interior Design Communication

Undergraduate

This subject enhances the student's understanding of building systems and details used in interior spaces. Within an adaptive re-use context, students look at the ways materials, interior elements, construction systems, service systems and technology systems are related to each other and integrated to satisfy project and site-specific design requirements. By understanding the particular application of building systems and details, students gain the knowledge to appropriately design and detail interior projects. Specific studies are made on building enclosures, structural elements, HVAC systems, FF&E (furniture, fittings and equipment), and the Building Code of Australia and Australian Standards with a focus on contract documentation.

Typical availability

Autumn semester, City campus Spring semester, City campus

86150 Consumer Environments

6ср

Requisite(s): 86025 Interior Elements and Design Detail AND 86024 Hospitality Environments AND 86001 Strategies for Interior Design AND 86002 The Human Environment AND 85502 Researching Design History AND 86003 Interior Design Conceptualisation AND 85503 Design Thinking AND 86110 Interior Design Communication: Digital Media AND 86320 Interior Materiality and Design Detail AND 86420 Interior Design Communication AND 186025 Interior Elements and Design Detail

Undergraduate

This subject explores the design of tangible and intangible communication environments. This includes tangible channel environments represented by stores, shopping centres and service venues, and intangible channels such as new media and the internet. The application of marketing theory and the notion of brand and its realisation within these environments is explored through a series of design projects. Conceptual strategy, concept design, client presentation techniques and contract documents including working drawings are included within the assessment.

Typical availability

Autumn semester, City campus Spring semester, City campus

86160 Corporate Environments

6cp

Requisite(s): 86021 Interior Design History AND 86022 Sustainable Human Futures: Residential Environments AND 86023 Light, New Materials and Form AND 86024 Hospitality Environments AND 86025 Interior Elements and Design Detail AND 85503 Design Thinking

Undergraduate

The concept of what is a work environment is constantly changing in response to the development of new technologies, global markets and work practices. The predominant focus of this subject is on corporate environments and the considerations and strategies involved in the design of interior work environments that satisfy the interests of corporations and individual workers.

These considerations include three dimensional branding, corporate culture, operational planning, growth, facilities management, facilitation of work processes, flexibility and adaptability and sustainable approaches.

Typical availability

Autumn semester, City campus Spring semester, City campus

86190 Special Industry Project

6ср

Requisite(s): 86000 Interior Methodology and Space AND 86420 Interior Design Communication AND 86320 Interior Materiality and Design Detail AND 86120 Interior Identity and Space AND 86110 Interior Design Communication: Digital Media AND 86111 Interior Technology

Undergraduate

This subject requires students to explore beyond their basic understanding of the selected subject matter within Industry subjects. It is offered only to third-year students who have completed all prerequisites in the list of Interior Industry subjects and who are capable of being involved in independent study. Students explore a particular area of interest related to Industry subjects through a selfdirected learning contract. This flexible learning approach allows for the student to further examine this area of study in greater detail, or to explore another issue relevant to the interior design industry that has an application to his or her academic and career development. Projects that may be offered may respond to special conditions within the community and/or faculty. The Interior Design Director of Program will appoint an academic supervisor for the Special Industry Projects. The range of projects is limited to the capacity of the program and the academic supervisor to facilitate adequate study conditions and to offer support to the students.

Typical availability

Autumn semester, City campus Summer session, City campus

86213 Interpreting Cultural Space

6cr

Requisite(s): 86002 The Human Environment AND 85502 Researching Design History AND 86003 Interior Design Conceptualisation AND 85503 Design Thinking AND 86021 Interior Design History AND 86110 Interior Design Communication: Digital Media AND 86320 Interior Materiality and Design Detail AND 86420 Interior Design Communication AND 86001 Strategies for Interior Design

Undergraduate

This subject approaches the understanding of diverse cultural spaces through contemporary theories of interpretation. Current and influential interpretations of various cultural spaces, especially those shaped by the world's major religions and by non-European peoples, are presented. Through a series of lectures, seminars and interpretive projects, students are introduced to the diversity of spatial understandings that inform different cultures, both across the world and within a multicultural society. The challenges and possibilities for design within a multicultural world are discussed and engaged with.

86221 Context: Explorations

6ср

The subject provides students with a deeper understanding and ability to integrate and interrelate traditional analogue techniques with multiple software solutions including parametric modelling, remote sensing, motion capture and data visualisation, output through digital hardware that could include advanced digital fabrication, rapid prototyping, and laser cutting.

This subject is divided into two parts, technique and discourse. Both feed directly into the framework of the 86531 Design Studio: Explorations. The learning processes throughout the semester include intensives, workshops, seminars, symposia and exhibitions.

86222 Context: Interdisciplinary

6ср

For subject description, contact UTS: Design, Architecture and Building.

86223 Design Studio: Industry

12cp

This studio introduces students to the negotiation of spatial outcomes through community-based and collaborative design approaches. Students take part in a design project, learning professional practice skills in documentation, communication, negotiation with stakeholders and construction. The studio focuses on the student's ability to generate design propositions across a diverse range of design scenarios and negotiate final propositions with multiple stakeholders.

The design studios constitute the core of teaching and learning throughout the Interior and Spatial Design program. Design projects are framed within a theoretical discourse and positioning within the studio environment. At the beginning of semester students choose from a selection of projects presented by staff. Projects aim to build spatial intelligence and innovate environments through thoughtful and rigorous individual design processes. Over the three projects students develop their own theoretical positions.

Projects have common objectives and framing in the studios, with students working alongside studio leaders on specific approaches and design thinking. Each studio incorporates a specified history and theory component. Studios involve a combination of design tutorials and lectures, workshops and intensive studios, and presentations and panel feedback sessions.

86320 Interior Materiality and Design Detail

6ср

Undergraduate

Materials are the physical interface that informs us about our surroundings and influences how we experience a particular environment. Through the study of materials and sustainable principles, students develop an understanding of how the behaviour, performance and aesthetic qualities of materials inform material selection in interior design. Students develop a generic vocabulary

of materials and structures by exploring these key criteria and how they interrelate. Through lectures, seminars, workshops and tutorials, students develop the ability to communicate design ideas and construction through materials boards, orthographic drawing, model making, detailing and CAD.

Typical availability

Autumn semester, City campus

86321 Design Studio: Investigation

12cp

This studio focuses on self-directed research, where students develop strategies and practices that form the basis of their culminating honours project. Students are encouraged to draw from the breadth of knowledge gained in their undergraduate study in order to define an individual theoretical position with a clear understanding of the context in which they position themselves. The outcome from this studio is the conceptual thinking, design research and project proposal for the students final design studio (86400 Design Studio: Realisation). Students are expected to display initiative in developing and pursuing their project, and to demonstrate their capacity to arrive at understandings that can significantly enhance the sophistication with which they approach their major design project.

86322 Design Studio: Directions

12cc

This studio operates in tandem with 86321 Design Studio: Investigation, allowing students to test and interrogate their ideas through a series of design projects. Leading professionals are invited to run projects in intensive modules, focusing on their specific area of expertise. This allows for the integration of professional practices in areas such as fabrication technologies, prototyping, high-level conceptualisation and creative thinking, and experimental spatial construction to be part of a student's frame of reference. Students are challenged to engage with these new processes in a rigorous and professional manner.

Projects are particular to each year, carefully curated and coordinated to ensure their relationship and value to students' final projects.

86400 Design Studio: Realisation

24ср

In response to a design brief supported by the research accumulated and examined in the first semester, students explore, develop and realise an innovative, holistic and professional design solution to a complex design problem within the diverse field of interior and spatial design. This subject requires students to undertake self-directed study supported by class tutorials and presentations. Students are required to undertake critical analysis, synthesis and reflective evaluation as the intellectual basis of their working methodology. The final design outcome is visually and verbally presented to and examined by a panel of experts, comprised of academics and practitioners.

86420 Interior Design Communication

6ср

Undergraduate

For interior designers the issue of communication is vitally important and requires a clear understanding of the representation of ideas. These ideas, in order to be understood, need to be visualized by the designer and in turn expressed through various levels of communication to other designers, clients, consultants, project managers, developers, contractors and users. This subject focuses on the development of skills in free drawing/illustration, measured drawing, three dimensional representation and model making. Multiple approaches to communication skills and techniques are introduced to enhance the basic skills of the student.

Typical availability

Autumn semester, City campus

86529 Design Studio: Inhabitations

12cp

This studio provides complex and challenging interior and spatial design briefs. Students incorporate research techniques and design methods derived from previous studios into cohesive design projects. Experimentation in thinking and practice is encouraged as a means toward developing an individual design approach. There is an emphasis on well-considered and crafted, finished outcomes.

The design studios constitute the core of teaching and learning throughout the Interior and Spatial Design program. Design projects are framed within a theoretical discourse and positioning within the studio environment. At the beginning of semester students choose from a selection of studios presented by staff. Projects aim to build spatial intelligence and innovate environments through thoughtful and rigorous individual design processes.

Projects have common objectives and framing in the studios, with students working alongside studio leaders on specific approaches and design thinking. Each studio incorporates a specified history and theory component. Studios involve a combination of design tutorials and lectures, workshops and intensive studios, and presentation and panel feedback sessions.

86530 Design Studio: Performative Spaces 1

12cr

This studio builds spatial understanding and creativity in the design of performative spaces. Engaging techniques and methods from scenography, theatre design, installation design, cinematography and media design, this studio allows students to develop design skills in working across the spectrum of performance. Analysis and experimentation focuses on relationships between narrative, space and form.

The design studios constitute the core of teaching and learning throughout the Interior and Spatial Design program. Design projects are framed within a theoretical discourse and positioning within the studio environment. Projects aim to build spatial intelligence and to innovate environments through thoughtful and rigorous individual design processes.

86531 Design Studio: Explorations

12c

The subject combines prior learning with additional design tools that include strategic analysis, and system/network frameworks that support an exploration of individual themes and language applied to the proposed studio projects. Incorporating these and other design tools into the formal process of redefining the design brief, students are encouraged to negotiate spatial design outcomes that clearly articulate an individual design sensibility and a clear position within a cohesive final design project.

This subject encourages students to engage with contemporary explorative design processes focusing on formal and theoretical methods of spatial articulation. Design projects have an emphasis on the exploration of production strategies leading to new kinds of spaces and environments.

The design studio constitutes the primary vehicle for student learning and development throughout the Interior and Spatial Design program. At the beginning of semester, students choose a studio that has been presented by a studio leader who outlines the brief, program, theoretical and historical framework. While the scope of subject can differ, all projects are framed by a common theme. Studios combine design tutorials, lectures, workshops, symposia, presentations and critical feedback.

86533 Design Studio: Performative Spaces 2

12cp

This studio focuses on performative space with emphasis placed on its narrative, transformative and media aspects. Students undertake local and international projects and competitions. Skills, including prototyping, construction and fabrication, are acquired in order to realise projects at scales of up to 1:1.

Design projects are framed within an interdisciplinary discourse on the performative aspects of space. They are positioned within the studio environment. Projects aim to build spatial intelligence and to innovate environments through thoughtful and rigorous individual design processes.

The design studio constitutes the primary vehicle for student learning and development throughout the Interior and Spatial Design program. At the beginning of semester students choose a studio that has been presented by a studio leader who outlines the brief, program, theoretical and historical framework. While the scope of subject can differ, all projects are framed by a common theme. Studios combine design tutorials, lectures, workshops, symposia, presentations and critical feedback.

This design studio forms the second part of the Performative Spaces sub-major.

86780 Interior Design Research Dissertation

6ср

Requisite(s): 86000 Interior Methodology and Space AND 86420 Interior Design Communication AND 86320 Interior Materiality and Design Detail AND 86120 Interior Identity and Space AND 86110 Interior Design Communication: Digital Media AND 86111 Interior Technology

This subject requires students to develop a research project in conjunction with a supervising lecturer on a topic or an area of study that supports the student's personal direction and career orientation within design practice. Topics must relate to issues of interior design (e.g. its practice, theory, philosophy, history) or to related issues such as environmental systems or design phenomena. These topics may form the basis of the student's major project topic in the second semester. Every student investigates a chosen topic and prepares a written paper of 8000-10,000 words. It is expected that the paper demonstrates a high standard of research and appropriate standard of referencing and expression. The text may be supported by visual material.

Typical availability

Autumn semester, City campus

86871 Professional Practice for Interior Designers

6ср

Requisite(s): 86041 Interior Design Major Project: Research and Conceptualisation AND 86042 Interior Design Professional Project Undergraduate

This subject requires the student to develop a clear understanding of professional practice as applied to the practice of interior design. Through a series of lectures, tutorials, research tasks and projects, the student explores the issues of environmental planning laws and regulations, the role of local government and other authorities, understanding the application and approval systems applicable to interior design projects in NSW, and the general requirements needed to successfully practice interior design in NSW. Specific study is made of the following: planning law, development application procedures, extent of approvals required for interior design projects, insurance requirements, commercial, legal and ethical responsibilities of an interior designer, and general management of an interior design practice.

Typical availability

Autumn semester, City campus

86872 Interior Design Seminar

6ср

Requisite(s): 86000 Interior Methodology and Space AND 86420 Interior Design Communication AND 86320 Interior Materiality and Design Detail AND 86120 Interior Identity and Space AND 86110 Interior Design Communication: Digital Media AND 86111 Interior Technology

Undergraduate

This subject requires students to reflect upon the current issues of interior design and their course of studies in the program. A series of seminars by experts in the field addresses issues of design management, technologies, theories, and/or industry practice. Students are also guided through research, analysis and development of these ideas towards the completion of a clear design brief for their major project. Information and insight gained from the seminars aids this process.

Typical availability

Autumn semester, City campus

86880 Interior Design Major Project

24cp

Requisite(s): 86872 Interior Design Seminar AND 86871 Professional Practice for Interior Designers AND 86780 Interior Design Research Dissertation

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject requires the student to demonstrate self-directed learning on a selected project of his or her choice. Advice from academic supervisors in studio sessions helps the student select and complete his or her program of studies. Students are required to undertake the design of a complex interior design project that tests issues raised

and knowledge gained throughout the course. The project allows students to develop an holistic solution demonstrative of their abilities as final-year design students, and also requires them to demonstrate a professional attitude to their work as a prelude to the practice of Interior Design after graduation. The project's assessment is based on the supervisor's assessment of the student's work methods, and a panel assessment that takes into account the stated aims of the project and the level that they have been achieved. Preparation for this subject is carried out at the end of 86871 Professional Practice for Interior Designers through the completion of the major project research.

Typical availability

Spring semester, City campus

87007 VC Technology: Pre-press and Print Production

6cr

Requisite(s): 87333 VC Technology: Typography, Text and Form AND 87443 VC Project: Typography in Context Undergraduate

Designers are expected to handle a wide range of technical issues when preparing their designs for print. Before the development of Macintosh computers and PCs, prepress tasks such as scanning, trapping, imposition and colour correction were performed exclusively by skilled specialists working manually or on very expensive proprietary systems. Although some of these tasks are now done with inexpensive software programs, he designer is often now responsible for these specialist techniques. It is important to understand these processes in order to avoid costly errors and to get the best results on any particular design job. This subject aims to give practical experience in the problems involved, and the solutions available, in preparing files for print, and to develop proficiency in the relevant software packages.

Typical availability

Summer session, City campus

87100 VC Project: Ways of Seeing

6ср

Undergraduate

In this subject, students investigate relationships between graphic form and perceptual experience through studio projects. Students explore the creative possibilities of figure and ground through a series of drawing exercises. Issues of composition and the integration of image and text are explored with reference to the role that physical experience plays in perceptual life. Students are introduced to the art of noticing as an impetus for creative projects. Through a series of structured exercises, they gain experience in critiquing their own work and the work of their peers. Students are asked to consider the role that visual works plays in articulating and disclosing particular understandings of themselves, of others, and of the world.

Typical availability

Autumn semester, City campus

87117 VC Technology: Visible Language

6ср

. Undergraduate

The subject introduces the historical and contemporary design, production and application of typographic forms as the visual extension and expression of the spoken word and written text. The design and production of letterforms and typefaces is examined in the context of typography, a keystone language of visual communication.

Typical availability

Autumn semester, City campus

87118 VC Studies: Image Experimentation

6ср

The subject introduces students to the making and analysis of hand and media-generated images with the aim of developing their visual acuity. The lectures explore the technological development and contemporary uses of the image in print, photography, cinematography, animation, interactive multimedia, and the World Wide Web. Theories of semiotics and visual rhetoric are introduced as tools for analysis.

Typical availability

87221 VC Studies: Histories of Visual Communication

Undergraduate

The subject examines the philosophical or other theories that have shaped contemporary visual communication design. Students gain an understanding of visual culture and the impact of contemporary thought on the design of visual communication. Discussion covers topics raised by modernism, deconstruction and post-modernism.

Typical availability

Spring semester, City campus

87222 VC Project: Symbols and Systems

6cp

Undergraduate

This subject explores the historical development and contemporary applications of pictographic, iconographic and ideographic symbols; the use and value of symbolic and metaphoric imagery; grouping, framing, hierarchy and narrative sequence as visual systems; and the role of user studies in visual communication.

Typical availability

Spring semester, City campus

87333 VC Technology: Typography, Text and Form

6ср

Undergraduate

This subject advances students' knowledge and skill in the design and production of words and texts as well as the design of individual letterforms and typefaces. Following on from VC Technology: Visible Language, this subject overviews the historical development of written languages in the context of technological change, and critically examines contemporary applications of typographic forms. Through lectures and studio-practice, students achieve a progressive level of literacy in visual technologies and issues such as figure/ground relationships, hierarchical structures, spatial organisation, text setting for legibility and readability, typographic detailing of headline copy as well as individual letterforms.

Students are encouraged to integrate theory and practice, with theoretical issues presented and critically analysed in lectures, then personally researched through practical investigation. Knowledge and skills gained in this subject support the processing and presentation of design project work. The use of technologies for word/text processing and production are demonstrated and practical experience is gained in design studios and computing laboratories, which introduces and demonstrates the use of advanced applications of software programs that directly support the examination and processing of typographic forms and applications.

Typical availability

Spring semester, City campus

87335 VC Project: Sequence and Narrative

Requisite(s): 87100 VC Project: Ways of Seeing AND 87222 VC

Project: Symbols and Systems

Undergraduate

In this subject, students gain experience in researching and generating ideas. The lectures focus on the historical evolution and contemporary state of design and production technologies in the media. Project work asks students to explore the pictorial representation of movement and narrative in its still and moving-image forms: in cartoons, animation, film, and video. Students are able to develop their skill in storyboarding ideas for these various forms.

Typical availability

Autumn semester, City campus

87441 VC Studies: Contexts of Visual Communication

Requisite(s): 87118 VC Studies: Image Experimentation AND 87221

VC Studies: Histories of Visual Communication

Undergraduate

This subject looks at a number of contemporary theories for analysing the visual image and its uses in contemporary culture and design practice. It takes students through several research approaches for visual communication concept generation. Students discover through

research the uses for which visual images are produced and the cultural and environmental consequences of their production.

Typical availability

Spring semester, City campus

87443 VC Project: Typography in Context

Requisite(s): 87118 VC Studies: Image Experimentation AND 87333 VC Technology: Typography, Text and Form Undergraduate

This subject introduces topics in contemporary typographic practice. Students are required to undertake or develop: empirical research on reading habits; intelligent analysis of written texts; a highly refined awareness of typographic detailing leading to the processing and execution of sophisticated typography and print design. The topics of legibility, readability, communication-interface and navigation systems in print design are covered. Computer lab practice in relevant software develops the essential skills in synthesis of typography and images required for later subjects.

Typical availability

Autumn semester, City campus

87445 VC Project: Visualising Experience

Requisite(s): 87100 VC Project: Ways of Seeing AND 87222 VC

Project: Symbols and Systems

Undergraduate

In this subject students explore the role that visual communication designers play in the visualisation of complex design projects. Students are encouraged to examine a range of ideas that inform traditional and contemporary visual presentations. Students engage in the research and analysis of complex projects, that may include exhibition design, environmental graphics, urban interventions and interactive/responsive environments, developing schematic representations that address a range of perspectives that a viewer might bring to their engagement with a project proposal.

Typical availability

Spring semester, City campus

87447 VC Technology: Motion Graphics

This subject introduces students to the design and production of motion graphics. The expressive potential of relationships between graphic elements, time and motion is explored. Fundamental concepts of image development, typographic design, visual composition and editing are addressed. Students engage in experimental production using relevant computing technologies.

Typical availability

Spring semester, City campus

87500 VC Special Project

Requisite(s): 87335 VC Project: Sequence and Narrative AND 87445 VC Project: Visualising Experience

Undergraduate

This subject may be taken in lieu of 87555 VC Project: Design Practice or 87665 VC Project: The Community. Students require approval from the visual communication course director to enrol in this subject. The subject is designed to enable students to participate in independent learning opportunities relevant to visual communication research and/or practice. Such opportunities may include but are not limited to:

- visual-communication competitions
- industry placement internships
- master-class projects run by leading industry professionals
- live external visual communication projects
- self-initiated projects
- University-initiated projects.

The range of projects is limited by internal and external availability, the capacity of the program to facilitate appropriate study conditions, and the capacity of the program and/or external body to provide appropriate support to students. Learning is largely independent and self-directed and, in most instances, is framed by a detailed and pertinent learning contract.

87539 VC Technology: Introduction to Web Media

6cp

R-quisite(s): 87333 VC Technology: Typography, Text and Form AND 87443 VC Project: Typography in Context

Undergraduate

The internet is now a part of everyday life, enabling people around the world over to communicate with each other in a multitude of ways. From e-learning and banking, to social networks, through to integrated marketing campaigns, it offers a unique set of design issues to be overcome: from the limits of HTML, CSS and cross-browser support, to an understanding of bandwidth constraints and server load.

In a professional context websites are often produced and maintained with a team of programmers and others who do not necessarily appreciate the role of design. The role itself has many faces; interface design, information design, interaction design, etc.

This subject encourages versatility in the solution of technical problems encountered when designing web solutions. Students gain an understanding of the current work practices involved in web design, including copyright and ethics. Students gain hands on experience working with web development applications and the publishing process.

Typical availability

Summer session, City campus

87549 VC Technology: Introduction to Interactive Media

6ср

Requisite(s): 87333 VC Technology: Typography, Text and Form AND 87443 VC Project: Typography in Context

Undergraduate

Designers are now expected to deal with a wide range of technological tools and the constraints inherent to them, particularly in preparing work for use on CD-ROMS and the web. They must be able to deliver designs for the digital realm where file sizes often make or break the performance of the work. This subject gives a grounding in the problems and techniques involved in preparing interactive solutions for CD-ROM delivery. It encourages versatility in the solution of technical problems encountered when designing interactive solutions for CD-ROMS, etc. Students gain an understanding of current work practices involved in these media, including copyright ethics and critical analysis of the issues involved. Students get hands-on practical experience of relevant software (Macromedia Director, Photoshop, Flash and Fireworks).

Typical availability

Autumn semester, City campus

May be run in intensive mode in Summer or Winter session.

87551 VC Studies: Concepts of Professionalism

6ср

Requisite(s): 87441 VC Studies: Contexts of Visual Communication Undergraduate

This subject introduces students to a variety of views and critiques of professionalism in visual communication. Lectures may cover analytical and critical approaches to design and production in professional visual communication practice; the role and responsibilities of the professional designer; professional case studies; business management and accounting; preparing for employment; legalities and liabilities; the client/designer relationship; the structure of work practices in design; and the role of professional bodies. Students research the areas of the visual communication profession that they intend to move into using research methods such as interviewing, focus groups, and quantitative data collection and analysis.

Typical availability

Autumn semester, City campus

87555 VC Project: Design Practice

6ср

Requisite(s): 87335 VC Project: Sequence and Narrative AND 87445 VC Project: Visualising Experience

Undergraduate

This subject focuses on the professional demands of visual communication practice. Students present project briefs integrating client consultation, teamwork, user studies, case studies, production

sourcing, professional specification writing, pre- and post-production detailing and business. Students are called upon to research, analyse, process and present visualised concepts for complex projects real or equivalent to those undertaken in practice. This may occur in both individual and group-based projects.

Typical availability

Autumn semester, City campus

87559 VC Technology: Introduction to Video Media

6cp

Requisite(s): 87447 VC Technology: Motion Graphics AND 87443 VC Project: Typography in Context

Undergraduate

In this subject, students engage in the production (recording and capture) and post-production (compositing, colour-grading, soundtrack design) of digital video. Students are introduced to current work practices in digital video planning and production, and gain hands-on experience with the technology involved in digital video production, utilising relevant software.

Typical availability

Autumn semester, City campus

May be run in intensive mode in Summer or Winter session.

87569 VC Technology: Historical Photo Media

6ср

Requisite(s): 87447 VC Technology: Motion Graphics AND 87443 VC Project: Typography in Context

Undergraduate

Digital compositing and motion graphics involve the combination of various source elements, such as live action video, stills, text, animations and sound, to create an integrated result. Combining all of these media into a seamless whole can be a challenging technical and creative exercise. This subject enables students to further their understanding of the professional design practices and techniques developed in the prerequisite subjects.

Typical availability

Autumn semester, City campus

87631 Design Studio: Text and Image 1

12c

Further information on this subject is available from UTS: Design, Architecture and Building.

87632 Design Studio: Text and Image 2

12cp

Further information on this subject is available from UTS: Design, Architecture and Building.

87639 VC Technology: Advanced Web Media

6ср

Requisite(s): 87333 VC Technology: Typography, Text and Form AND 87443 VC Project: Typography in Context Undergraduate

This subject provides students with the opportunity to further develop their understanding of the professional framework and techniques associated with web design production that were established in 87539 VC Technology: Introduction to Web Media. Students will develop their knowledge of JavaScript programming language, which is used for web interface behaviour, and further develop their knowledge of Dreamweaver software. Students are encouraged to integrate theory and practice and to experiment. Whenever possible, projects are introduced that require students to integrate language and image in multimedia or other presentations, and to collaborate in research.

Typical availability

Spring semester, City campus

May be run in intensive mode in Summer or Winter session.

87649 VC Technology: Advanced Interactive Media

6cp

Requisite(s): 87333 VC Technology: Typography, Text and Form AND 87443 VC Project: Typography in Context

Undergraduate

This subject enables students to further their understanding of the professional framework and techniques associated with interactive design production. Students extend their knowledge of Flash and Fireworks but focus on advanced Lingo programming for MacroMedia Director. Students are encouraged to integrate theory and practice and to experiment. Whenever possible, projects are introduced that require students to integrate language and image in multimedia or other presentations, and to collaborate in research.

Typical availability

Spring semester, City campus

May be run in intensive mode in Summer or Winter session.

87659 VC Technology: Advanced Video Media

6c

Requisite(s): 87447 VC Technology: Motion Graphics AND 87443 VC

Project: Typography in Context

Undergraduate

Digital compositing and motion graphics involve the combination of various source elements, such as live action video, stills, text, animations and sound, to create an integrated result. Combining all of these media into a seamless whole can be a challenging technical and creative exercise. This subject enables students to further their understanding of the professional design practices and techniques developed in the prerequisite subjects.

Typical availability

Spring semester, City campus

May be run in intensive mode in Summer or Winter session.

87665 VC Project: The Community

6ср

Requisite(s): 87335 VC Project: Sequence and Narrative AND 87445

VC Project: Visualising Experience

Undergraduate

This subject focuses on teamwork, professionalism and community service. As members of design teams, students take part in projects with real clients from community-based organisations, and learn to work at a professional level, executing designs of a professional standard. Typical project work includes client briefings and interim presentations, team and project management, user testing when feasible, product sourcing and specification, and the formal oral presentation of a visual design to the client or peer group.

Typical availability

Spring semester, City campus

87669 VC Technology: Digital Photo Media

6cl

Requisite(s): 87333 VC Technology: Typography, Text and Form AND 87443 VC Project: Typography in Context

Undergraduate

This subject explores the short history and practice of photo-based digital montage with particular reference to beliefs about what is real. The relationship between 'photographic' and constructed imagery is investigated. Advanced Photoshop manipulation techniques, as well as topics relating to input and output devices and resolution, are covered. Students are encouraged to reflect analytically on their practice and to experiment. Whenever possible, projects are introduced that require students to integrate language and image in multimedia or other presentations, and to collaborate in research.

Typical availability

Spring semester, City campus

May be run in intensive mode in Summer or Winter session.

87731 Design Studio: Visual Experimentations

12cp

Further information on this subject is available from UTS: Design, Architecture and Building.

87773 Visualising Research

12cp

Requisite(s): 85701 Research Based Designing AND 87555 VC Project: Design Practice AND 87665 VC Project: The Community AND 87551 VC Studies: Concepts of Professionalism Undergraduate

At this advanced level of study students articulate a research-based design project. Through engagement with a site of research/creative exploration, students are required to establish an appropriate focus for their project. Emphasis is placed on the integration of qualitative and experimental approaches to research. Designed outcomes may include print publications; a series of photographs, drawings or illustrations; a motion graphics or animated work; interactive interfaces; environmental graphics; models; visual essays; and briefing documents or reports.

Students can select from a number of available project options. In some instances they may negotiate a personally directed project relevant to their academic and professional interests.

Typical availability

Autumn semester, City campus

87831 Design Studio: Visual Communication and Strategic Design

12cp

Further information on this subject is available from UTS: Design, Architecture and Building.

87832 Design Studio: Design Practice

12cr

Further information on this subject is available from UTS: Design, Architecture and Building.

87880 Major Project VC

24cm

Requisite(s): 87773 Visualising Research

There are also course requisites for this subject. See access conditions.

Undergraduate

This final project subject combines all study fields and completes study in the visual communication course. Students receive individual supervision and move through the final stage from dependence to self-directed, lifelong learner. Students develop a project that showcases their expertise and best reflects their creative and professional aspirations. Final projects can take many forms and can include books, magazines, posters, packaging, films, videos, CDs and websites. All projects require students to undertake critical analysis, synthesis and reflective evaluation as the intellectual basis of their working methodology. Students are required to independently define and address issues relating to appropriate use of technology and production processes, user testing, production scheduling and project management, and the appropriateness of design form to communicative intent. Assessment is undertaken by a panel of academics advised by external professional designers.

Typical availability

Autumn semester, City campus Spring semester, City campus

87900 Design Research: Major Project VC

24cp

Further information on this subject is available from UTS: Design, Architecture and Building.

87931 VC Extensions A

6cr

Further information on this subject is available from UTS: Design, Architecture and Building.

87932 VC Extensions B

6ср

Further information on this subject is available from UTS: Design, Architecture and Building.

87933 Design Research: Visualising Research

12cp

Further information on this subject is available from UTS: Design, Architecture and Building.

88000 Object and Accessory Design 1: Foundations

6ср

Undergraduate

The design of small, low function, high aesthetic products and accessories underlies the start up of many small design-oriented businesses whose main focus is the design of this type of consumer product. Companies such as Fink Design, Mambo, Dinosaur Designs, etc., have successfully built on their understanding of market and manufacture to the point where they have international reputations and market share. Understanding what makes a design attractive, feasible, and economic to manufacture on a low threshold basis is fundamental to success or failure in this endeavour. This subject can be seen as a 'foundation course' in understanding the complexities of design proportion, form and visualisation. The subject aims at building the design and design communication skills of participating students through a range of 2D graphic and 3D physical modelling exercises.

Typical availability

Autumn semester, City campus

88001 Object and Accessory Design 3: Soft Tooling and Rapid Prototyping

6ср

Requisite(s): 88300 Object and Accessory Design 2: The Cast Object OR 88002 Object and Accessory Design 2: The Cast Object Undergraduate

The design of small, low function, high aesthetic products and accessories underlies the start up of many small design-oriented businesses whose main focus is the design of small high aesthetic-low function objects and accessories. Companies such as Fink Design, Mambo, Dinosaur Designs, etc., have successfully built on their understanding of market and manufacture to the point where they have international reputations and market share. Understanding what makes a design attractive, feasible, and economic to manufacture on a low threshold basis is fundamental to success or failure in this endeavour.

Typical availability

Spring semester, City campus

88002 Object and Accessory Design 2: The Cast Object

6ср

Requisite(s): 88100 Object and Accessory Design 1: Foundations OR 88000 Object and Accessory Design 1: Foundations

The design of small, low function, high aesthetic products and accessories underlies the start up of many small design-oriented businesses whose main focus is the design of this type of consumer product. Companies such as Fink Design, Mambo, Dinosaur Designs, etc., have successfully built on their understanding of market and manufacture to the point where they have international reputations and market share. Understanding what makes a design attractive, feasible, and economic to manufacture on a low threshold basis is fundamental to success or failure in this endeavour.

Typical availability

Autumn semester, City campus

88003 Object and Accessory Design 4: Capstone Project

6cp

Requisite(s): 88200 Object and Accessory Design 3: Soft Tooling and Rapid Prototyping OR 88001 Object and Accessory Design 3: Soft Tooling and Rapid Prototyping

This subject is the capstone for the Object and Accessory Design sub-major.

As a major project, the subject aims to bring together the skills developed over the preceding three semesters while at the same time giving students the freedom to create, develop and have manufactured (or manufacture themselves, if appropriate) an object or accessory using either the manufacturing processes studied in earlier semesters or using a process(es) which they have researched themselves. Guest lectures by designers involved in the production, marketing and sale of small objects back up the student's own research into areas of interest.

Typical availability

Spring semester, City campus

88004 Textiles: Print

6ср

Undergraduate

This subject introduces students to the principles of textile print and pattern. A series of drawing workshops introduce students to creative approaches to print design through experimentation in mark and image making. The emphasis is on creative exploration and development of textile ideas in original and thoughtful ways; students develop original artwork and explore inventive scale and imagery in relation to textiles. Students are introduced to methods and techniques used in the fashion and textile industries to generate print designs, including textile repeat systems, placement prints, digital and screen-printing methods. This subject introduces students to the fundamental techniques of creating print repeats and students learn how to prepare artwork for patterned repeat and large-scale textile production. Students also learn how to design and engineer placement prints for the body. An emphasis throughout the subject is placed on a professional and sustainable print room practice.

Typical availability

Autumn semester, City campus

88005 Textiles: Installation

6ср

. Undergraduate

This subject introduces students to the principles of dye, colour and resist patterning as they relate to fashion textiles. Through a series of dye workshops, students are introduced to both traditional and contemporary dye techniques and are encouraged to investigate innovative approaches to colouring and patterning cloth. In studios, students experiment with natural dyes, mordants and commercial dyes including acid and reactive dyes. Students explore rich cultural textile histories including the ancient arts of Japanese Shibori and Indigo dyeing. This subject introduces students to methods of generating resist textile patterning through techniques such as binding, stitching, tying and pleating. The studio explores natural fibers and fabrics and their relationship to dye techniques. Through material experimentation, students develop textile concepts and colour sensibilities in a sophisticated and individual way. An emphasis throughout the subject is placed on a professional and sustainable print room practice.

Typical availability

Spring semester, City campus

88006 Textiles: Dye Methods

6ср

Undergraduate

This subject introduces students to the principles of dye, colour and resist patterning as they relate to fashion textiles. Through a series of dye workshops, students are introduced to both traditional and contemporary dye techniques and are encouraged to investigate innovative approaches to colouring and patterning cloth. In studios, students experiment with natural dyes, mordants and commercial dyes including acid and reactive dyes. Students explore rich cultural textile histories including the ancient arts of Japanese Shibori and Indigo dyeing. This subject introduces students to methods of generating resist textile patterning through techniques such as binding, stitching, tying and pleating. The studio explores natural fibers and fabrics and their relationship to dye techniques. Through material experimentation, students develop textile concepts and colour sensibilities in a sophisticated and individual way. An emphasis throughout the subject is placed on a professional and sustainable print room practice.

Typical availability

Spring semester, City campus

88007 Textiles: Surface Form

6ср

Undergraduate

This subject introduces students to three-dimensional textiles through an in-depth exploration of thermoplastic and other surface form techniques. Thermoplastic techniques are widely used in innovative textiles and inventive applications. Through applications of heat shaping, synthetics can be manipulated to permanently memorise

shape or surface texture. In studio, students experiment with a variety of thermoplastic techniques as a means to discover new pleat geometries and the inherent design potential in sculpted surfaces. Other surface form techniques that are explored in this subject include bonded fabric applications such as felt making, and experimental knitting techniques, with the emphasis on technical textile innovation. In studio, students are introduced to the work of key contemporary textile designers. An emphasis throughout the subject is placed on a professional and sustainable studio practice.

Typical availability

Autumn semester, City campus

88008 A Genealogy of Digital Photography

6cr

Further information about this subject is available from UTS:Design, Architecture and Building.

88009 Modern Places

6ср

Further information about this subject is available from UTS: Design, Architecture and Building.

88201 Animation Studio: VFX Design Introduction

12cp

This subject introduces students to the design of VFX events, previsualisation and the manipulation in 2D live action and 3D CGI environments. On a practical level, VFX is explored through 2D compositing – a system of building up layers of shot and digital elements to create a final image and 3D CGI, where 3D dynamic objects and figural models are modelled, rigged and animated, using computers before being rendered and composited into each shot. On a theoretical level, VFX is explored and discovered through a design lens with an understanding of the structure and composition of a narrative event and the associated aesthetic and design issues involved in object design and the creation of performative cinematic spaces.

88202 Animation Studio: VFX Design Advanced

12cp

This subject advances the student's competency and conceptual understanding of VFX design with an emphasis on the simulation of animate and inanimate figural and non-figural events. It builds upon 88201 Animation Studio: VFX Design Introduction in both 2D and 3D environments through advanced understanding of the camera and cinematic space including mapping and application of particle systems, data visualisation, movement capture and advanced CGI and High Dynamic Range (HDR) photographic compositing. In fostering their conceptual development, students are encouraged to explore and discover emerging and new solutions that result from technological developments through industry standard software (i.e. Nuke and Shake) with an emphasis on performative content such as theatre, event dramaturgy, dance and the performing arts.

88211 Animation Studio: Narrative Experimentations

12cp

In the context of this studio, students build on 82320 Animation Studio: Narrative Investigations, gaining greater understanding of the performative aspects of caricature, portraiture, behaviour and gesture. The subject introduces students to the fundamentals of animation narrative explored and understood through a combination of analogue and digital movement and observational capture technologies. Students discover ideas of embodied expression, abstraction and social interaction in the context of the 'in-between' and 'moment' and are encouraged to experiment with form in the visualisation of story and script ideas to enhance their creative visual animation problem-solving skills.

88212 Animation Studio: Animation Practice

12cp

In this subject students develop an individual design approach to animation practice, which fosters and encourages complex and challenging animation design projects that enable students to incorporate research and design techniques learned from previous design studios. Fostering experimentation in thinking and practice as a means for developing an individual design approach with an emphasis on well-considered and crafted outcomes, students explore the role that animation designers play in the development of complex design projects. They are encouraged to examine a range of ideas that inform traditional and contemporary animation practices.

88304 Illustration 1: Media and Techniques

6ср

Undergraduate

In this subject, students gain an understanding of of illustration as a tool for communication. They are introduced to a wide range of media techniques in illustration and acquire experience of the variety of its applications. Students from different design majors find that this subject has wide-ranging relevance. Workshops, demonstrations and practical tasks are given in a range of techniques and applications.

Typical availability

Summer session, City campus

88305 Photography 1: Documentation

6ср

Undergraduate

This subject introduces the basic principles of camera and darkroom work in black and white photography. It involves an exploration of photography as a medium of observation and documentation. This is done through an examination of the genres of photo reportage and social documentary photography. Students are introduced to the basic principles of composition, 35 mm manual SLR camera functions, film exposure and development, and print enlargement.

Typical availability

Summer session, City campus

88308 Introduction to Design for 2D Animation

6ср

Undergraduate

This subject introduces students to the history, fundamental principles and theory of design for 2D film and video animation. The topics cover the history of 2D animation, genre, character and background design, timing, framing, camera techniques, animation roles and responsibilities, storyboard formats and production processes. Students do not produce finished animations in this subject.

Typical availability

Summer session, City campus Autumn semester, City campus

88316 Furniture Context and Language

6ср

Undergraduate

This subject focuses on the broader more contextual issues of furniture design through an analysis of space and the environment, and related human behavioural issues. Through a review of key designers and their designs throughout history, an appreciation is gained towards the precedents of design and their significance in developing new directions. Cultural analysis is undertaken to understand the impact of the dynamic change in society and its impact on furniture design. The relationship of form, function, structure and aesthetics are explored in a series of exercises and projects. An understanding of ergonomics is imparted through lectures and the design of full-scale mock-ups of projects.

Typical availability

Autumn semester, City campus

88323 Exhibition Design: Practice

6ср

Undergraduate

This subject introduces students to the specialised area of exhibition design. This is a multidisciplinary subject that brings together students to solve specific design problems through group projects and individual tasks. A series of lectures, workshops, site visits, and assignments explores the breadth of issues, skills and concerns that are involved in the practice of exhibition design. The areas of study discussed include: user studies; the role of the curator; conservation, exhibition design management, and the collaborative exhibition design process. Small-scale projects test the understanding of the key factors of the practice of exhibition design. A high level of competency in the communication areas of orthographic drawing, and 3D representation is required of students prior to entering the subject.

Typical availability

Autumn semester, City campus Spring semester, City campus

88333 Design for Stage and Theatre: Contemporary

6ср

Undergraduate

This subject introduces students to the specialised area of design for performances in theatre spaces. Using a contemporary script as a starting point, the student learns how to design for a stage production that expresses the script through set and costume design. A series of lectures, workshops, and assignments on: the design process, the history of appropriate stage and costume design, set design, costume design, script analysis, and associated technologies is delivered to support the design project. The project tests, through the use of a contemporary script, the understanding that the student has attained in reference to the key areas of theatre design. This is a multidisciplinary subject that brings together students to solve specific design problems through group and individual tasks.

Typical availability

Autumn semester, City campus

88404 Illustration 2: Professional Applications

6cp

Requisite(s): 88304 Illustration 1: Media and Techniques Undergraduate

Continuing the prerequisite subject, students having gained an understanding of illustration techniques as a tool for communication now harness this knowledge to acquire experience designing for professional use. Workshops and practical tasks inform approaches to designing and illustrating a series of applications.

Typical availability

Winter session, City campus

88405 Photography 2: Communication

6ср

Requisite(s): 88305 Photography 1: Documentation

Undergraduate

This subject extends understanding of composition, exposure and development to an intermediate level. Building on the prerequisite subject, this subject goes beyond observation and documentation into the realm of photographic narratives. Students are introduced to different film types and speeds, different film developers, push and pull development of film for contrast control, and working in different lighting conditions.

Typical availability

Summer session, City campus

88408 Advanced Design for 2D Animation

6ср

Requisite(s): 88308 Introduction to Design for 2D Animation Undergraduate

In this advanced subject, students learn to solve 2D animation design problems for film and television. Topics covered at an advanced level include: genre, character and background design, aesthetics, mattes and effects for film and video design, motion and timing, web applications, camera and lighting techniques, studio terminology, formats, storyboard techniques, crew roles and responsibilities, and project management. It is suitable for those students who are interested in film and video, architecture or interior design. Students produce short animation sequences in this subject.

Typical availability

Autumn semester, City campus Spring semester, City campus

88416 Furniture Production and Materials

6ср

Undergraduate

This subject focuses on the development of the student's understanding of production methods and materials used in the furniture design industry. This knowledge gives the student a greater confidence in designing furniture. The subject covers processes adodpted by furniture designers in selecting materials based on their inevitable relationship to production systems as both a method of manipulation and an initiative directed by economic objectives. Ergonomics, as it relates to furniture design is discussed as projects are developed. Lectures on production, distribution, and assembly systems give the

student a clear appreciation of manufacturing in relation to details and design. Students learn to produce appropriate documentation for production and the related connection to costing of the designs.

Typical availability

Spring semester, City campus

88424 Exhibition Design: Concepts and Strategies

6cn

Undergraduate

This subject introduces students to the specialised area of exhibition design, in particular the theoretical frameworks that underpin the design. The multi-disciplinary activity of exhibition design is reflected in the variety of students that could take this subject. A series of lectures, workshops, site visits, guest speakers, case studies and assignments explore the breadth of issues and concerns that are involved in the strategies, conceptual structures and understanding of exhibition design. The areas of study that are discussed include historical case studies; the role of the institution in which the exhibition will be housed; conservation in relationship to context, didactic design strategies, and interpretive design strategies. Small-scale projects test the understanding of the key factors expressed in the lectures on exhibition design theory. A high level of competency in the communication areas of orthographic drawing, and 3D representation is required by the student prior to entering the subject.

Typical availability

Autumn semester, City campus Spring semester, City campus

88444 Design for Stage and Theatre: Classics

6ср

Undergraduate

This subject introduces students to the specialised area of design for performances in theatre spaces. Using a classic script as a starting point, students learn how to design for a stage production which expresses the script through set and costume design. Delivered to support the design project, a series of lectures, workshops and assignments cover: the design process; the history of appropriate stage and costume design; set design; costume design; script analysis; and associated technologies. The project tests, through the use of a classic script, the understanding that the student has attained in reference to the key areas of theatre design. This is a multi-disciplinary subject that brings together students to solve specific design problems through group and individual tasks.

Typical availability

Spring semester, City campus

88503 Introduction to Production Design

6ср

Undergraduate

This subject introduces film and television production design at the conceptual level. Topics covered include film genre and mise en scène, character development, set design, on-location set dressing, approaches to model construction, camera coverage, lighting techniques and terminology, crew roles and responsibilities, storyboard formats, and concept presentation techniques. It is suitable for those students who are interested in film and video, architecture or interior design.

Typical availability

Summer session, City campus

88505 Photography 3: Fabrication

6cp

Requisite(s): 88405 Photography 2: Communication Undergraduate

This subject deals with the notions of the 'fabricated' image under the guise of editorial portraiture, fashion and advertising photography. The conscious manipulation of spaces, places and subjects to achieve a preplanned outcome is explored. Students are introduced to colour photography, medium format camera use, portable artificial lighting, advanced available lighting techniques and the conversion of images from the analogue realm to the digital.

Typical availability

Summer session, City campus

88516 Furniture Industry and Development

6ср

Undergraduate

This studio-based subject is focused on the furniture industry and in developing the student's ability to clearly understand the business aspects of furniture design. The feasibility of production is discussed through project development at various scales of manufacturing. Efforts are made to provide multiple perspectives of the industry from the point-of-view of the designer, the retailer, and the manufacturer. Students are encouraged to examine the factors affecting the process of getting a product into the community. Legal constraints and information on IP protection are discussed. Concerns about marketing is discussed through case studies and site visits to manufacturers and retailers. Students gain a pragmatic and business-oriented approach to the design process.

Typical availability

Autumn semester, City campus

88525 Exhibition Design: Process-based Project

6cp

Requisite(s): 88323 Exhibition Design: Practice AND 88424

Exhibition Design: Concepts and Strategies

Undergraduate

This subject extends the student's understanding of exhibition design beyond the introductory subjects. Lectures, tutorials, site visits, and a design project allows the student to gain a deeper understanding of the complete design process faced by an exhibition designer. Students develop a clear design brief, design presentations, details, and models that express their design proposals. A high level of competency in the communication areas of orthographic drawing and 3D representation is required by students prior to entering the subject.

Typical availability

Autumn semester, City campus Spring semester, City campus

88555 Design for Theatre: Special Performances

6ср

Undergraduate

This subject introduces students to the specialised area of design for performances in theatre spaces. Using either a classic or contemporary script and/or choreography as a starting point, students learn how to design for a stage production that expresses the performance through set and costume design. Areas of dance, opera, and performance art may form the basis for the project. A series of lectures, workshops, and assignments on: the design process, the history of appropriate stage and costume design, set design, costume design, script/score analysis, and associated technologies is delivered to support the design project. The relationship to the particular musical score is discussed as appropriate. The project tests the understanding that the student has attained in reference to the key areas of theatre design, through the synthesis of a design for a special performance. This is a multidisciplinary subject that brings together students to solve specific design problems through group and individual tasks.

Typical availability

Autumn semester, City campus

88603 Advanced Production Design

6ср

Requisite(s): 88503 Introduction to Production Design Undergraduate

This advanced subject gives experience in the kinds of conceptual problems encountered in designing for film and television. Topics covered at an advanced level include film genre and mise en scne, character development, set design, on-location set dressing, approaches to model construction, camera coverage, lighting techniques and terminology, crew roles and responsibilities, storyboard formats, and concept presentation techniques. It is suitable for those students who are interested in film and video, architecture or interior design.

Typical availability

Autumn semester, City campus Spring semester, City campus

88605 Photography 4: Construction

6ср

Requisite(s): 88505 Photography 3: Fabrication

Undergraduate

This subject goes deeper into the topic of the constructed image by exploring the possibilities of the studio environment. It also explores the way in which people and things and sites can be represented and manipulated through studio photo-imaging. Students explore the use of advanced studio lighting techniques.

Typical availability

Spring semester, City campus

88616 Furniture Prototype

6cr

Requisite(s): ((88416 Furniture Production and Materials AND 88311 Furniture Design 1) OR (88516 Furniture Industry and Development AND 88411 Furniture Design 2) OR 88316 Furniture Context and Language OR 88511 Furniture Design 3) Undergraduate

This subject provides the capstone project for the specialisation in furniture design. It reinforces the design process particular to the discipline and takes the student from sketches through to mockup and then final prototype. Through lectures, discussions and demonstrations, students learn about the materials and manufacturing technologies suited to their project needs. Workshop skills and knowledge are enhanced in the key areas of furniture prototype production. Critical evaluation of the design process is assessed through critiques and process journals. The final outcomes are exhibited at the end of semester.

Typical availability

Autumn semester, City campus Spring semester, City campus

88617 Design Study Tour

6ср

Undergraduate

This subject offers students an opportunity to learn about the design culture of another society. Students visit another country or place within Australia and experience it through site visits, discussion, travel, dialogue, debate, observation, critique and a series of related tasks to reach a high level of understanding of the key issues driving design in the chosen environment.

Typical availability

Autumn semester, City campus Spring semester, City campus

88619 Advanced Analogue Model Making Intensive

6ср

Undergraduate

This subject extends students' model making skills and offers a variety of intermediate / advanced techniques using diverse materials with the emphasis on the production of a physical model(s). Over two weeks of intensive workshops and discussions, students explore the various stages of the object design process through conceptual to detailed resolution, using appropriate materials and tecchniquies. Some of the techniques covered during the subject include plywood, metal and plastic facbrication using basic hand and electric tools.

Typical availability

July session, City campus

88620 Advanced CAD Intensive

6ср

Undergraduate

This subject extends students' skills in architectural computing communications. The use of the computer is studied in this component as a tool to aid communication of design thinking in 2D documentation and 3D computer modelling. Student's technical illustration skills are extended via an introduction to a variety of architectural projections and rendering techniques. Over two weeks of intensive workshops and discussions students explore the various stages of the design documentation process through conceptual to detailed resolution, using appropriate communication techniques.

Typical availability

July session, City campus

88621 Global Studio: Interior and Spatial Design A

6cp

Further information on this subject is available from UTS:Design, Architecture and Building

88622 Global Studio: Interior and Spatial Design B

6ср

Further information on this subject is available from UTS:Design, Architecture and Building

88626 Exhibition Design: Methods of Interpretation Project

6ср

Requisite(s): 88323 Exhibition Design: Practice AND 88424 Exhibition Design: Concepts and Strategies

Undergraduate

This subject extends the student's understanding of exhibition design beyond the introductory subjects. Lectures, tutorials, site visits, guest speakers, and a design project allows the student to gain a deeper understanding of the range of methods and approaches that can be taken towards the relationship between the interpretation of an object and exhibition design brief. The creative and imaginative response to a brief is encouraged and students are required to produce a design presentation of their ideas.

Typical availability

Autumn semester, City campus

88666 Design for Theatre: Self-Devised Project

6ср

Requisite(s): 2 Subjects from: 88333 Design for Stage and Theatre: Contemporary, 88444 Design for Stage and Theatre: Classics, 88555 Design for Theatre: Special Performances

Undergraduate

This subject requires the student to explore beyond their basic understanding of the earlier Design for Stage electives completed. The student is expected, through self-directed study, to develop their stage design and costume, based on their extensive research into selected text. Storyboard development, music selection, prop, set and costume design are integrated into the project. Other issues related to the overall design can be explored and are encouraged within the subject This is a multidisciplinary subject that brings together students to discuss specific design problems through group tutorials and lectures, but with the project being an individual effort.

Typical availability

Spring semester, City campus

88831 Global Studio: Fashion and Textiles A

6ср

The Fashion and Textile program emphasises international networking and visits/excursions/study tours in building a global perspective to an individual's practice. This subject provides students with the opportunity to immerse themselves in another design and educational culture, developing creative as well as personal maturity. A selection of global studios are offered, allowing students to undertake intensive fashion and textiles studios with students from overseas institutions. Through established relationships with international design schools, projects are undertaken with local students and practitioners.

88832 Global Studio: Fashion and Textiles B

6cp

The Fashion and Textile program emphasises international networking and visits/excursions/study tours in building a global perspective to an individual's practice. This subject provides students with the opportunity to immerse themselves in another design and educational culture, developing creative as well as personal maturity. A selection of global studios are offered, allowing students to undertake intensive fashion and textiles studios with students from overseas institutions. Through established relationships with international design schools, projects are undertaken with local students and practitioners.

88833 Fashion Media

6cp

This subject focuses on the understanding and interplay of fashion theory and media while exploring the culture of fashion from a contemporary viewpoint. Students explore developments within print and digital media, such as fashion film and magazine editorial relevant to the consumption of the fashion process. This subject aims to stimulate and cultivate fashion communicators of the 21st century. Reflecting a shift in the fashion industries demands for multi-skilled creatives, this subject encompasses digital and new media practices to encourage reflective practice and innovative solutions within fashion media production. This subject enables students to develop a solid grounding in the theoretical and practical issues relevant to the communication and cultural understanding of the fashion debate.

88834 Experimental Fashion Making

6cr

In this subject, students are introduced to garment (pattern) making techniques that challenge traditional approaches. The subject introduces students to conceptual fashion, and the creation of garments based on innovative methods of practice. Students are encouraged to experiment with methods of making, to create garments that are the result of investigational and innovative approaches. In this subject students are introduced to experimental pattern making techniques including non-Western approaches, generative pattern creation, subtraction cutting and zero-waste pattern making techniques. The subject is focused on emergent and non-traditional practices, as a means to design innovative garment outcomes, which are the result of off-the-body techniques.

88841 Global Studio: Integrated Product Design A

6ci

Further information on this subject is available from UTS: Design, Architecture and Building.

88842 Global Studio: Integrated Product Design B

6cp

Further information on this subject is available from UTS: Design, Architecture and Building.

88871 Global Studio: Visual Communication A

6ср

Further information on this subject is available from UTS: Design, Architecture and Building.

88872 Global Studio: Visual Communication B

6cr

Further information on this subject is available from UTS: Design, Architecture and Building.

88901 Observational Photography

6ср

This subject introduces students to some of the theories, practices and histories of photo-based observational research. Unlike conventional photo-observation for sociological purposes, this subject explores the potential of these techniques for creative purposes. Students are introduced to both the analytical and communicative potential of this media.

88902 Digital Photography

6ср

This subject introduces students to some of the theories and practices of digital photography, and provides a short history of the medium. Particular emphasis is placed on issues of image veracity, manipulation and transformation. Students are introduced to a variety of digital image capture, processing and output techniques.

88903 Photographic Fabrication

6cp

This subject deals with the notions of the 'fabricated' image under the guise of editorial portraiture, fashion and advertising photography. The conscious manipulation of existing spaces, places and subjects to achieve a pre-planned outcome is explored. Students are introduced to colour photography, medium-format camera use, portable artificial lighting, advanced available lighting techniques and the conversion of images from the analogue realm to the digital.

88904 Photographic Construction

6cp

Requisite(s): 88903 Photographic Fabrication

This subject explores the notion of the constructed image by exploring the possibilities of the studio environment in relation to people and objects. It also explores the way in which spaces and places can be represented and manipulated through studio photo-imaging. Students are introduced to advanced studio lighting, large-format camera use, still life and tableaux photography.

88911 Design for Visual Information Systems

6ср

In this subject students explore the principles involved in designing visual information systems with determined outcomes. Primary to this subject is the development of visual languages that enable complex information tasks to be translated into efficient and effective sites of communication. This is enabled by research into the cultural contexts of the outcomes and visual literacies of user communities.

88912 Histories of Visual Information Design

6cp

This subject introduces students to the histories of visual information design through a series of lectures, workshops and tutorials. The material covered provides the students with an opportunity to investigate the key moments that have defined information design, and shaped past and current practice. In this subject, information design is located predominantly within the narrative history formed by visual communication. Subsequently it is understood as a cultural practice that informs, and is informed by, the environment in which it is produced.

88913 Visual Information Project

6cp

This subject requires students to initiate and develop a visual information design project. Students are required to independently define, research and address issues relating to the communication and context of visual information systems and appropriate technologies. These systems may conform to existing modes of information design or be experimental and speculative. Research and project rationale activities should be evidenced as an information design proposal through appropriate visualisation design models, mapping and schematic presentations.

88931 Furniture Concepts

6ср

Postgraduate

This subject offers students in the furniture design major (in the Master of Design) insights into conceptual design processes for furniture designers. The subject focuses on generative design processes used in the development of original furniture designs. It equips students with advanced skills in idea generation and critical and iterative design methods through a series of studio activities, design projects and research seminars.

88941 Experience Economy

6ср

This subject introduces students to post-industrial capitalism, variously called the service economy, the information economy, the knowledge economy, the experience economy, and the support economy. Through a series of readings, seminars, observations and self-interrogations, students explore the contexts that are making branding significant, such as globalisation, quality assurance, customer relations management, human resources management, post-materialist societal values, and dematerialisation. The subject involves fieldwork investigating how businesses are packaging experiences for target audiences and the critical reflection by each student of their own consumption habits and values.

88942 Experience Branding

6ср

Requisite(s): 88941 Experience Economy

An important and rapidly growing challenge for design is to develop stimulating and strong representations of brands for commercial and not-for-profit organisations and their different products and services. This subject introduces students to the basics of experience branding and explores how design can be used to communicate organisational core values, products and services. In an integrated manner, the subject covers all areas of branding design including graphic design

(2D), interior design (3D) and web design (4D). The objective is to understand how different disciplines work together and create an integrated brand experience. Special emphasis is put on the design process including research, brand strategy development and concept development. Finally, the role of branding in the wider context of society is critically discussed.

88943 Brand Strategy

6cp

Requisite(s): 88942 Experience Branding

Building on the subjects Experience Economy and Experience Branding, this subject explores the relationship between branding, strategising and the implementation of a brand design. Key themes analysed in this subject include developing an understanding how strategy drives the creation of a brand experience, how strategic planning becomes a valuable tool in the design process, how research fuels the strategy making process, and the relation between human resources management and brand expression. Ultimately, the subject seeks to explore how design can be used to implement a brand experience that helps clients accomplish business objectives (including those of not-for-profit organisations).

88944 Branding Project

6cn

Requisite(s): 88943 Brand Strategy

There are also course requisites for this subject. See access conditions.

This is the final subject in the Branding Design major and is held as a practical project that integrates the three previous subjects. The subject involves rebranding projects with 'live' clients. Students are provided with skills to assist their rebranding jobs in the areas of project management, client relations, strategy validity testing, brand user testing, quality assurance mechanisms, and presentation techniques.

88951 Future Design Strategies

6ср

Elective

Postgraduate

By its very nature, design is an activity concerned with the future. In this time of rapid transformation, with all its accompanying complexity, threats and opportunities, being aware of how change might impact on design becomes critical. This subject addresses those areas identified as likely to impact most on the design professions over the next decade. They include cultural change, globalisation, sustainability and technology advances. Students are supported in researching developments in these and other change making themes. Leading designers, design academics and futurologists join UTS staff in mapping possible future strategies for designers.

Typical availability

Autumn semester

Spring semester

88952 Design Project Specialisation

6ср

Elective

Postgraduate

Within the context of an undergraduate design project students reflect on the major issues implicit in the design task, be it commercial, social, environmental or technical. The subject is aimed at providing students with an understanding of how a design solution might impact beyond the initial intention. Regular seminars, in addition to the project tutorials, reflect on the project work in this wider context.

Typical availability

Autumn semester

Spring semester

89015 Textile and Fashion Innovation

12cp

Postgraduate

This subject enables students to investigate innovative textile and fashion concepts that explore the integration of the handmade with emerging technologies. This studio provides an ideal space for interdisciplinary collaboration through the study of current global textile, fashion and design practice. In this millennium a material revolution is taking place whereby textiles and fashion are providing designers from various disciplines the solutions for a very different

society and consumer. Market demand reflects changing cultural and social concerns and in response textiles and fashion are leading with cutting edge innovation. Underpinning these developments is a critical social consciousness towards ethical design practice and issues and questions around sustainability.

In this studio students are introduced to Electronic Fashion, Interactive Interfaces, Photo Voltaic Textiles, Biomimicry, Architectonic Structures, Smart fabrics, Nano fabrics, High Performance Textiles, Zero Waste. Students examine what meaning these emerging technologies have for future design and how they provide designers with a language and solution for a future world. Through a self-initiated project, students have the opportunity to explore their practice through an identified project brief.

Typical availability

Autumn semester, City campus

89016 Reframing Fashion and Textile Practice

12cr

Postgraduate

This subject addresses the role of the fashion designer within contemporary fashion and textile practices and explores emerging trends that point to challenges, future roles and opportunities for fashion creative practitioners. Over recent years fashion and textile design have emerged as interdisciplinary practices aligned with new modes of presentation and approaches to design activity. In this subject students undertake critical investigation of both their own practice and the broader context of contemporary fashion and/or textile practice. The investigation enables students to critically reflect on their own practice and through a series of structured research and studio activities be able to re-position fashion and textiles practices at the nexus of innovation, meaning-making and critical engagement. The aim of the subject is for students to reposition their practice for re-entry to industry or subsequent postgraduate research pathways through the identification of foci for further investigation.

Typical availability

Spring semester, City campus

89017 Fashion and Textiles Entrepreneur

12cp

Postgraduate

The primary focus of this studio lies on the student's engagement with industry. In this context, students look to their particular area of interest and build on the knowledge and skills developed during the first two studios. In working with manufacturers, students gain valuable experience in relationship building and communication in order to realise their design. The outcome here is a realised design highly focused on their area of special interest. Within the studio, students prepare digital and physical presentation of design that demonstrates the full impact of information within the environment or application; and verbally present a completed visual presentation, together with appropriate made elements that outline the key aspects of the concept and outcome.

Typical availability

Autumn semester, City campus Spring semester, City campus

89105 Design Activism

6ср

Postgraduate

This subject looks at the increasingly active role that design is playing within contemporary contexts of social critique and change. Students are introduced to the history of social activism in design, and to the particular contexts within which design activism is currently being pursued. Philosophical critiques of a human-centred conception of authorship and agency have important repercussions for the thinking of designers on their role as activists. This subject positions contemporary activism within post-humanist understandings of agency. Discussions and theoretical engagement foster critical understanding of the complex interaction of human and non-human, material and immaterial, memory, expectation, hope and experience within the unfolding social and political histories of designed things.

Typical availability

Spring semester, City campus

89106 Researching Contexts

6ср

Postgraduate

This subject introduces students to experimental design-research practices using different technologies to elicit aspects of the contexts for which designers design. The technologies used enable these contexts to be explored through audio, visual and textual dimensions. Students gain skills in the analysis of ethnographic research data using grounded theory and phenomenography, in addition to visual research methods. Such design research practices foster understanding of, and connection with, the contexts that designed things participate in, enrich, and often transform. The emphasis of this subject is on understanding through making, as the process of data analysis enables the researched context to 'talk back' to the designer. Outcomes include designed communications that convey the particular understanding of context that each student has arrived at through their research process.

Typical availability

Spring semester, City campus

89107 Innovation and Entrepreneurship: A

6cp

Postgraduate

This subject explores the potential of design thinking as a generator of innovative and entrepreneurial strategies, practices and designed things through interdisciplinary innovation challenges, and developing entrepreneurial outcomes of varying scale and context.

Students are required to radically cross-boundaries of their known discipline to contribute to diverse projects through the application of corporate and academic research and development methods. Students inherently cooperate within complex systems, responding to client requirements and considering the effect of their choices on outcomes throughout the process.

Typical availability

Autumn semester, City campus

89108 Technology Workshop: Creative Play

6ср

Postgraduate

The Technology Workshops offer students opportunities to engage with diverse tools, processes and materialities of production. Oriented to experimental practices, and to iterative exploration of the aesthetic and material effects enabled by each technology, the workshops encourage openness to new possibilities for making. Creative Play provides for student experimentation and research into the possibilities for design enabled by selected technologies.

Typical availability

Spring semester, City campus

89109 Technology Workshop: Experimental Media

6cp

Postgraduate

The Technology Workshops offer students opportunities to engage with diverse tools, processes and materialities of production. Oriented to experimental practices, and to iterative exploration of the aesthetic and material effects enabled by each technology, the workshops encourage openness to new possibilities for making. Experimental Media focuses upon student experimentation and media investigation through selected technologies.

Typical availability

Autumn semester, City campus

89110 Engaging Texts: Interpreting Contexts

6cp

Postgraduate

This subject introduces students to philosophical and theoretical lenses for interpreting the various contexts of reception within which their designs will be encountered, engaged with, experienced or consumed. 'Engaging Texts: Interpreting Contexts' is one of a pair of subjects that focus specifically on 'engaging texts' as a stimulus to design understanding. In these subjects students engage with texts that are or have been influential in shaping ways in which designers think about the worlds that designed things enter into and redefine. Different kinds of text, including theoretical, literary and designed texts, and texts utilising different media, are introduced.

Autumn semester, City campus

89111 Interactivation Studio: Autumn

12cp

Postgraduate

This studio is dedicated to the relationship between people and technology, in particular the design of interfaces connecting technological environments with their inhabitants. Interactivation is a design approach to creating distributed interfaces which enable better designed interactions in electronic ecosystems. This involves interactions in ecologies, from the intimate (on and around the body) to the spatial (rooms and buildings), to the urban/landscape scale and beyond. Examples of such intimate interfaces are phones and other objects, wearable interfaces and interactive jewellery. The spatial scale is concerned with interactive spaces (indoor parameters such as light, temperature and data flow) and buildings (interactive architectures), while the urban scale can be, for instance, interactive facades and long-range spatial information radiation including the natural landscape.

This subject covers a broad field of design and study involving a variety of disciplines. Students gain and develop knowledge and insights in human factors, engineering, art and design. The subject guides individual and group development of a new type of designer who is equally confident in understanding and applying technology, human factors and artistic—conceptual thinking. The outcomes of this process involving research and design are presented in the studio in the forms of working demonstrators, interactive presentations and reflective writing.

Students are given a tailored project (1, 2 or 3 based on individual level of development, determined through prior learning) that is expanded on through their remaining Interactivation Studio subjects.

Typical availability

Autumn semester, City campus

89112 Interactivation Studio: Spring

12cp

This studio is dedicated to the relationship between people and technology, in particular the design of interfaces connecting technological environments with their inhabitants. Interactivation is a design approach to creating distributed interfaces which enable better designed interactions in electronic ecosystems. This involves interactions in ecologies, from the intimate (on and around the body) to the spatial (rooms and buildings), to the urban/landscape scale and beyond. Examples of such intimate interfaces are phones and other objects, wearable interfaces and interactive jewellery. The spatial scale is concerned with interactive spaces (indoor parameters such as light, temperature and data flow) and buildings (interactive architectures), while the urban scale can be, for instance, interactive facades and long-range spatial information radiation including the natural landscape.

This subject covers a broad field of design and study involving a variety of disciplines. Students gain and develop knowledge and insights in human factors, engineering, art and design. The subject guides individual and group development of a new type of designer who is equally confident in understanding and applying technology, human factors and artistic—conceptual thinking. The outcomes of this process involving research and design are presented in the studio in the forms of working demonstrators, interactive presentations and reflective writing.

Students complete a tailored project (1, 2, or 3 based on individual level of development, determined through prior learning) that is expanded on through their remaining Interactivation Studio subjects.

Typical availability

Spring semester, City campus

89113 Interactivation Studio: Final Project

12cp

Postgraduate

The Interactivation major is dedicated to the relationship between people and technology, in particular the design of interfaces connecting technological environments with their inhabitants. Interactivation is a design approach to creating distributed interfaces which enable better designed interactions in electronic ecosystems. This involves interactions in ecologies, from the intimate (on and around the body) to the spatial (rooms and buildings), to the urban/landscape scale and beyond. Examples of intimate interfaces are phones and other

objects, wearable interfaces, and interactive jewellery. The spatial scale is concerned with interactive spaces (indoor parameters such as light, temperature and data flow) and buildings (interactive architectures), while the urban scale can encompass interactive facades and long-range spatial information radiation including the natural landscape.

This studio covers a broad field of design and study involving a variety of disciplines. Students gain and develop knowledge and insights in human factors, engineering, art and design. The subject guides individual and group development of a new type of designer who is equally confident in understanding and applying technology, human factors and artistic—conceptual thinking. The outcomes of this process involving research and design are presented in the studio in the form of working demonstrators, interactive presentations and reflective writing.

Typical availability

Autumn semester, City campus

89114 Lighting Studio: Light, Time and Change

12cr

This studio combines a thorough study of the change of light in nature with an exploration of lighting and its time-dependent dynamics and control. The studio activity is built on the observation and analysis of the interdependencies between lighting patterns and behavioural patterns in the way people occupy and utilise the built environment.

89115 Lighting Studio: Light, Materials and Space

12cp

People's conscious and subconscious mind can be manipulated and conditioned by what they see. Seeing is the response of the human perceptual system to light's interaction with surfaces and spaces. Therefore at its very basis, the lighting designer has the tools and the opportunity to recondition the mind, by determining how light interacts with the surrounds and influences the state of the perceptual system.

This studio explores ideas on designing visual environments that influence human moods and emotions, through a deep study of perceptual psychology, visual attributes and modes of appearance. The studio has a strong focus on hands-on experimentation with light, materials and volumes. The participants produce solutions that challenge the traditional use of lighting in the built environment with the objective to open up new possibilities.

89116 Lighting Studio: Final Project

12cp

Postgraduate

The Lighting major aims to equip graduates with the intuition, ability and aspiration to become leading practising professionals or researchers in the field of lighting, with well-rounded and high-level expertise, social consciousness and global perspective. The main focus of the major is an open and progressive approach to advance the analytical thinking skills and creativity of its participants. The major provides a solid understanding of the physics and human factors of lighting, extensive hands-on experience, and wider context considerations relating to lighting design. It is structured to give its participants the opportunity to cultivate and share knowledge through research, experimentation, collaboration and communication; to shape and continually improve the future of the lighting design profession.

This studio is based on the model of a fictive/actual architectural lighting design project. The participants are responsible for developing and communicating their lighting design solutions for this project from initiation to final documentation. The studio advances the skills of the participants to manage multi-faceted aspects relating to lighting design through providing them with a broad appreciation of real-life project considerations.

Typical availability

Autumn semester, City campus

89120 Sustainability, Design and Creative Futures: Being Human

12cp

Postgraduate

The purpose of this studio is to develop research knowledge, to engage in brief generation, establish a personal emphasis, and to take part in a larger group investigation over a prolonged period. Students participate in a themed studio over an extended period. Examples of themes include: globalisation; the creative economy; post-consumerism; niche design; and design for developing countries. The

themes reflect the core elements of sustainability, design and creative enterprise. The initial focus is to build up a knowledge base in the area. Students also consider their response to the theme in terms of a more specific brief. Students establish their own personal emphasis, for example: is their work design-driven or enterprise-driven?

Typical availability

Autumn semester, City campus

89121 Sustainability, Design and Creative Futures: Spatio-Temporal Shifts

12cp

Different cultures inhabit space and time in very different ways. The inherited spatio-temporal dispositions that shape our world dispose us to particular pleasures; attune us to particular kinds of beauty; make possible particular modes of knowing and particular kinds of production. The spatio-temporal not only configures everyday practices, cares and striving, but significantly impacts the wider ecologies in which we participate. Unsustainable modes of inhabiting our world are currently held in place by the spatio-temporal dispositions that dominate contemporary globalised cultures.

This studio looks at the role played by different design disciplines in the production and reproduction of particular modes of spatio-temporal experience, whether the disciplinary focus is the body, equipment, communication, interaction, environment, systems or services. The power of design to shift the ways we inhabit time and space, and the implications of such shifts for sustainability, are explored through studio projects.

Typical availability

Spring semester, City campus

89122 Sustainability, Design and Creative Futures: Critical Economies

12cp

Postgraduate

The practice of design has always been profoundly shaped by the particular economies in which it has been embedded. The demands placed on both human and non-human ecologies by 20th century growth-based economies, are evidently unsustainable. Increasing acknowledgment of ecological stress upon the planet, in tandem with the economic instability of the first decades of the 21st century, have given impetus to a rethinking of our assumptions about the economy. Over the past decades a number of critical thinkers have proposed new approaches to the economy. What are the implications of these potential economies for design? How might more sustainable approaches to the economy open up new possibilities for design? What might be the role of design in the transition to a different economy?

89123 Experimental Visual Communications: Research Through Design

12cp

Postgraduate

This subject approaches design as a kind of qualitative inquiry, positioning visual communication practice as a valid method for understanding the world. Through a series of practice-based research workshops, students explore the relationship between visual communication and inquiry. Students explore the unique contributions to research that can be made by visual communicators, through generative and qualitative research processes.

Workshops and assessment tasks approach the role of research through three key questions: How can we research through visual communication design and what kinds of knowing can a designer's skill and practices reveal? How can we use research as a mode of exploration to enrich design questions rather than to find answers? How might the design of research contribute to the understandings and insights it contains? Possible outcomes of this subject include: a dissertation; an extended visual essay; a project and exegesis; or a proposal for a critical design outcome. Emphasis is placed on the integration of qualitative and experimental approaches to research.

Typical availability

Autumn semester, City campus

89124 Experimental Visual Communications: Visualising the Invisible

12cp

Postgraduate

In this subject students create projects that give visual form to the social, cultural, scientific or economic narratives embedded in contemporary society. Students have the opportunity to reveal stories that have yet to be realised, or create new experiences from existing stories. This can range from the pragmatic/factual to the poetic/metaphorical, and take various forms such as information design, experimental publication design, exhibition design, motion graphics, etc. The aim is to extract and communicate previously inaccessible meanings, insights and experiences through work that is speculative, provocative, and experimental. In this subject there is an emphasis on the designer as cultural agent/critic. Students are challenged to develop a critical position around an issue, and use their design skills to communicate this position in innovative, playful and challenging ways. Outcomes could be static or interactive, print or digital, objects or installations, and could incorporate sound or moving image.

Typical availability

Spring semester, City campus

89125 Experimental Visual Communications: Final Project

12cp

Postgraduate

The final studio requires students to create a self-initiated project that exhibits a sophisticated understanding of the potential of contemporary visual communication practice. Central to this project will be evidence of critical analysis, social engagement, reflective practice, as well as a refined visual language. Students must draw on the practical, methodological, theoretical and the technical tools they have gathered over the duration of the degree to complete a successful project. Students are individually mentored through this project by a supervisor with complementary practice-based research expertise. Projects can be static or interactive, print or digital, objects or installations, and could incorporate sound or moving image.

Typical availability

Autumn semester, City campus Spring semester, City campus

89126 Design Studio 1: Human-centred Design

12cp

This studio explores the voice of intent in relationship to the voice of experience as negotiated by the various voices of design practice. A human-centred approach to design is investigated with various scenarios and personas techniques used to shift the role of the user from a recipient to one of an author of design outcomes. Various methods of analysis, including ethnography, together with approaches to design synthesis are presented to allow the students an advanced understanding of real-world projects.

89127 Design Studio 2: Social Design Practice/Critical Reflection

12cp

This studio builds on 89126 Design Studio 1: Human-centered Design, or experiences gained in other studio majors, in order to draw a fine focus on the relationship of how design can affect social frameworks. This subject critically explores the creative challenges involved in socially responsible design. Participants learn a range of ways of negotiating cultural difference to access deeper understandings of social conditions. It focuses on a number of participatory design techniques, where designers act as facilitators of communities, helping them to identify their needs and then realise ways of satisfying their needs in socially, ecologically and economically sustainable manner. Professional designers and expert designers use reflection in different ways. This subject examines the reflection of design during the professional design process, and also the sharing of ideas, as practiced by expert designers who challenge existing habits and prejudices. Through a series of readings and projects, students learn how to implement changes to the way they design through critically reflecting on social design practice.

89128 Design Studio 3: Resilience and Creative Practice

12cp

This subject offers the student the opportunity to fully comprehend the value of design and gain a potential sense of meaning to what they do. Thought and the translation of an idea are both investigated in a text and design outcome. Group and individual projects help to advance the need for clarity of communications and for negotiated settlement. The project explores how design thinking allows for a resiliency of outcomes in the design world and ultimately considers the importance of sustainability. The aesthetic act allows for a space of value in society, a value that has to be recognised. The recognition of how creative practice can constantly re-invent itself in reference to how it engages with the problem allows for a resiliency of design.

89131 Objects and Accessories Studio: Fold

12cp

Postgraduate

This studio focuses on creativity and innovation in the context of object design under the umbrella theme of fold. Students build on the conceptual, formal, analytical and critical skills developed in previous studies or professional experiences. The studio enables students to experiment, exposing them to the endless ways objects can be made. Innovation is driven by the creative application of new and unique combinations of material and process. Students in the studio need to be highly motivated and self-directed, and appreciate that the central focus of this studio is actual making.

Objects developed within a contained scale enable the student to investigate multiple situations and proposals, realising designs that enable a deeper understanding of form and material.

Parallel studies into the historical, social and cultural aspects linked to the concept of fold in object design enable further understanding and clearly articulated positioning of work in a contemporary context.

Typical availability

Autumn semester, City campus

89132 Objects and Accessories Studio: Layer

12cp

Postgraduate

This studio focuses on creativity and innovation in the context of object design under the umbrella theme of layer. Students build on the conceptual, formal, analytical and critical skills developed in previous studies or professional experiences. The studio enables students to experiment, exposing them to the endless ways objects can be made. Innovation is driven by the creative application of new and unique combinations of material and process. Students in the studio need to be highly motivated and self-directed, and appreciate that the central focus of this studio is actual making.

Objects developed within a contained scale enable students to investigate multiple situations and proposals, realising designs that enable a deeper understanding of form and material.

Parallel studies into the historical, social and cultural aspects linked to the concept of layer in object design enable further understanding and clearly articulated positioning of work in a contemporary context.

Typical availability

Spring semester, City campus

89133 Objects and Accessories Studio: Final Project

12cp

Postgraduate

The Objects and Accessories major has been developed to enable designer–makers the opportunity to experiment. Innovation is driven by the creative application of emerging and/or traditional methods to develop new approaches to form-making within the context of small batch production.

This studio is an opportunity for students to develop a self-directed project in consultation with the studio leader/subject coordinator. The project is articulated in a written learning contract negotiated between the student and studio leader/subject coordinator in the first quarter of the semester.

Typical availability

Autumn semester, City campus

89141 Perception Space Materials: Research and Conceptualisation

12cp

Postgraduate

This is the first subject in the Perception Space Materials major. This subject is based on a series of cognitive week-by-week research and conceptual projects to develop material thinking towards an innovative spatial practice. Through the studio environment, projects will be aimed at forwarding individual perceptions to the analysis of site in developing site-responsive programs. Design will be investigated through spatial experiencing and programing, function and occupation, surface and texture. Over the course of the three semesters, participants in this major will explore the conceptualisation of design and practice and associated visual techniques including: 2D and 3D spatial constructions, filmic, diagrammatic and schematic mappings: creating a matrix of design potentials feeding into the major project and final dissertation.

Typical availability

Autumn semester, City campus

89142 Perception Space Materials: Design Philosophy -Spatial Design Program

12cp

Postgraduate

This is the second subject in the Perception Space Materials major. It focuses on devising achievable programs from the research and conceptualisation work undertaken in the previous subject. The scope of the project is aimed at generating fully documented prototype spaces that succinctly illustrate students design strategy. Material thinking and spatial practice combine as a single entity to evolve the program schematic, users and environmental conditions in transforming the site. The project explores the expanded field of spatial design filtered through the manifold appearances of the interior and exterior. Project documentation includes: plan, section, elevation, detailing, 2D and 3D renderings, materiality, study of Marquette's, a final site model and a visual/text document.

Typical availability

Spring semester, City campus

89143 Perception Space Materials: Constructing Materials - Expanded Field of Practice

12cp

Postgraduate

This is the final subject in the Perception Space Materials major. It is based on applying an expanded field of practice to the projects realised in the previous two subjects. The expanded field of inquiry can incorporate an interdisciplinary application towards creating alternative and innovative ways of furthering students design communication. Projects may involve advanced prototyping of design intention in expanded scales as test probes for other sites and collaborations with other disciplines and/or with industry partners. A definitive document of the design journey and a written dissertation will accompany this subject as the major documentation of the course.

Typical availability

Autumn semester, City campus

89151 Design for Change: Specific Retail Environments

12cp

In this studio students are required to apply various methods of problem exploration and design research to develop solutions to a current crime problem for real retail business clients. Students work on real projects, often in teams and always supported by experts in the fields of socially responsive design, environment design, crime prevention, and retail planning.

The studio process requires students to develop a comprehensive understanding of the range of commercial, organisational and community drivers in the retail context, including loss prevention. The challenge is to develop a design approach that addresses the various drivers, while also providing an environment less prone to crime. Working with real clients in a commercial setting requires students to develop their team and project management skills in a situation dependent on the professional delivery of design outcomes.

Through an applied project with a large retail store client (supermarket, department store or hardware store), the subject builds students' skills and knowledge about how to research and understand crime

problems. DOC methods of problem exploration and reframing are reviewed and applied to the client's problem. Through this studio students start to develop key skills and understanding of how design processes can be employed to develop innovative solutions to crime problems.

Typical availability

Autumn semester, City campus

89152 Design for Change: Reinvigorating Retail Precincts

12cp

In this studio students are required to apply various methods of problem exploration and design research to develop solutions to a current crime problem for real retail business clients. Students work on real projects, often in teams and always supported by experts in the fields of socially responsive design, environment design, crime prevention, and retail planning.

The process requires students to develop a comprehensive understanding of the range of commercial, organisational and community drivers in the retail context including loss prevention. The challenge is to develop a design approach that addresses the various drivers, while also providing an environment less prone to crime. Working with real clients in a commercial setting requires students to develop their team and project management skills in a situation dependent on the professional delivery of design outcomes.

In this subject students undertake an applied project with a local shopping area authority (council, shopping centre) in which they draw on their design research and problem exploration skills to develop a frame and design concepts that address a crime problem and reinvigorate the precinct. Students work with a broader stakeholder group in this project that includes diverse community groups, council, police, community workers, retailers and licensees among others. It requires students to develop their skills in engaging clients and stakeholders to think about crime problems and the possibilities for declining retail precincts.

89153 Design for Change: Retail Futures

12cp

Led by the UTS interdisciplinary Designing Out Crime research centre, the focus of the subjects in this three semester studio is on creating vibrant, safe, sustainable and profitable retail environments. Students work on real projects, often in teams and always supported by experts in the fields of socially responsive design, environmental design, crime prevention, and retail planning.

Throughout the studios students work with industry partners such as retailers, supermarkets, shopping centres, industry bodies and law enforcement agencies.

In this final subject of the studio, students utilise the expertise that they have developed in the previous two subjects of the studio. This expertise informs an exploration into future retail concepts and their capacity to embody the virtual and/or physical requirements that ensure positive retail experiences.

Additional information about the Designing Out Crime research centre can be found at:

www. designing outcrime. com/research-centre/projects

Typical availability

Autumn semester, City campus.

89171 Innovation and Entrepreneurship: B

6ср

Postgraduate

This subject explores the potential of design thinking as a generator of innovative and entrepreneurial strategies, practices and designed things through interdisciplinary innovation challenges, and developing entrepreneurial outcomes of varying scale and context.

Students are required to radically cross-boundaries of their known discipline to contribute to diverse projects through the application of corporate and academic research and development methods. Students inherently cooperate within complex systems, responding to client requirements and considering the effect of their choices on the project outcomes throughout the process.

In addition to Design, expertise within this subject Is drawn from a variety of disciplinary fields such as Business, IT Engineering and Architecture.

Through this subject students gain advanced skills in the management of interdisciplinary entrepreneurial projects, as well as exposure to client contacts in the wider community for a semester specific project.

Typical availability

Spring semester, City campus

89172 Engaging Texts: Cross-Disciplinary Conversations

6ср

Postgraduate

This subject introduces students to texts, conversations and viewpoints drawn from diverse disciplinary contexts that are of relevance to design, including philosophy, sociology, anthropology, science and technology studies, history, literature and film. It highlights the richness of understanding that can arise when texts move across disciplinary boundaries and populate other disciplinary spaces. This in one of a pair of subjects that focus specifically on 'engaging texts' as a stimulus to design understanding. In these subjects students engage with texts that are or have been influential in shaping ways in which designers think about the worlds that designed things enter into and redefine. Different kinds of text, including theoretical, literary and designed texts, and texts utilising different media, are introduced.

Typical availability

Autumn semester, City campus Spring semester, City campus

89173 Technology Workshop: New Poetics

6cr

Postgraduate

The Technology Workshops offer students opportunities to engage with diverse tools, processes and materialities of production. Oriented to experimental practices, and to iterative exploration of the aesthetic and material effects enabled by each technology, the workshops encourage openness to new possibilities for making. In particular, this subject focuses on the potential for production of new and different formal effects through experimentation with various technologies.

Typical availability

Autumn semester, City campus Spring semester, City campus

89200 Graphic Visualisation

6ср

Postgraduate

This subject expands the awareness and ability of students from various disciplinary backgrounds to generate ideas and develop visual narratives and to communicate these by means of the visual communication media. There is special emphasis on drawing and image-making and the development of competencies in a range of basic techniques suitable for the representation and effective visual communication of animation and design ideas and solutions, including character design, layout and storyboarding. Students are encouraged to experiment with form in the visualisation of story and script ideas and to enhance their creative visual problem-solving skills. The subject provides students with the opportunity to acquire a critical understanding of the language of visual communication using simple linear form to construct graphic narratives and sequences for the comics and animation media.

Typical availability

Autumn semester, City campus

89201 Animation Genres Seminar

6ср

Postgraduate

This subject consists of a series of weekly lectures, screenings and seminars and the occasional master class and aims to increase the student's knowledge of the history and theory of animation with a particular emphasis on the study of genre. A range of animation genres is examined. These include, but are not restricted to, animation production techniques such as trick films, puppet animation, claymation, cut-outs, pixillation, rotoscoping, model and toy animation, scratched and drawn animation, digital animation and cartoon animation. In addition to the study of techniques of production, this subject also analyses various animation styles and formats, including cartoon animation, Anime, television animation, animated title graphics and motion graphics, art animation, abstract and experimental animation, animated music video and animated film

musicals, animation special effects in live-action films, animation in advertising and on the Internet, animation for mobile phone displays and computer games including hand-held game sets, Web animation, applications in architecture and design such as virtual space and buildings, children's animation and kids TV animation. Other aspects of genre studies include issues such as self-reflective animation, cute and hyper realistic styles, animation as visual communication in instructional, informational and propaganda environments, aspects of artifice, art and ideology, entertainment, fantasy, fairy tale and myth, as well as a study of centres of production such as European, North American and Asian animation.

Typical availability

Spring semester, City campus

89202 3D Digital Animation 1

6cp

Postgraduate

This subject equips students with the basic knowledge of both the theory and operation of industry standard computer animation. Topics covered include a survey of various computer animation systems, software, production and design involving 3D digital animation. In this subject, students are expected to design and construct a three-dimensional character and environment and demonstrate these skills in the expression and movement of that character in a short animated sequence.

Typical availability

Spring semester, City campus

89203 3D Digital Animation 2

6ср

Postgraduate

This is an animation project-based subject that requires students to apply their 3D animation skills in the design and production of a short animated sequence, whilst continuing to develop and expand the basic knowledge of both the theory and operation of industry standard computer animation as learnt in 3D Digital Animation 1. The subject demands the creation and manipulation of 3D images and their appropriate application in animation production. Topics covered include advanced computer animation systems and theory, various animation software applications and digital compositing. Students are also expected to further develop animation theory skills, refine their understanding of the different types of computer graphics in animation and demonstrate advanced 3D design and production skills in animation including digital compositing.

Typical availability

Spring semester, City campus

89204 2D Digital Animation

6ср

Postgraduate

This subject provides coverage of the design and production of 2D digital animation, advanced using appropriate software. The subject also covers the theory and conceptualisation of design in computer animations for the Internet. In this subject, students are expected to understand design processes in the production of 2D animation, comprehend knowledge of relevant software, demonstrate design and production skills, acquire basic 2D animation skills, become aware of a range of possibilities and limitations of dynamic media and animation for the Internet and demonstrate appropriate design solutions for the advanced Web applications of animation.

Typical availability

Spring semester, City campus

89205 Design for Three-Dimensional Computer Animation

6cp

In this animation project-based subject, students apply their 3D animation skills acquired in 82221 Context: 3D Animation Introduction and 82321 Context: 3D Animation Advanced in the design and production of a short animated sequence, while developing and expanding their knowledge of both the theory and operation of industry standard computer animation, with an emphasis on rigging through Maya (or other industry equivalent) using prerigged characters. The subject demands the student's creation and manipulation of 3D images and their appropriate application in animation pre-visualisations, production and post-visualisation.

Typical availability

Winter session, City campus

89301 Design Communication and Criticism

6ср

Postgraduate

Design is the visualising of alternative futures. Expert designers are adept at a wide range of visualisation techniques that can be used to present the same idea in different ways depending on the audience. However, design is not only visual, but also verbal, with designers discussing, evaluating, presenting and explaining design propositions. This subject aims to expand the repertoire of visual and verbal communication strategies of designers, and expand designers' understanding of the power and limits of those strategies, particularly in cross-cultural contexts. Participants become design communication leaders by practising and critically evaluating traditional and innovative visual and verbal presentation and argumentation throughout this subject.

Typical availability

Autumn semester, City campus Spring semester, City campus

89302 Practice Management and Leadership

6ср

Postgraduate

Design is a collaborative profession that requires high-level interpersonal and entrepreneurial skills. This subject allows designers to acquire some of the management abilities needed to lead a small-to-medium-sized design firm or design department of a large firm. Through case-based learning, designers explore human resources issues, organisational studies, and change management techniques, particularly as they relate to the creative services industries. Scenario-based role-play allows designers to develop a range of negotiation, conflict management and project management capabilities. Throughout the subject, designers learn to reflect on their own their leadership capacities and work styles.

Typical availability

Autumn semester, City campus Spring semester, City campus

89303 Client and User-centred Designing

6ср

Postgraduate

Expert designing involves understanding the situation into which the design will intervene. To reach these understandings, designers must be as creative in their research as in their idea generation and realisation. This subject introduces designers to the methods and strategies being used by the leading design innovation companies around the world to access the activities, values, needs and feelings of those they design for. The subject covers obtrusive and unobtrusive research, and direct and technologically-mediated interviewing. Each technique students learn about is immediately tested in live fieldwork and then translated into clear design briefs.

Typical availability

Autumn semester, City campus Spring semester, City campus

89304 Social Change Design

6ср

Postgraduate

Designs enable people to live different sorts of lives, if they are developed out of deep understanding of those people or preferably with those people. This power can be used to develop new markets and to develop disadvantaged communities. This subject explores both commercial and social entrepreneurship by design. Participants learn a range of ways to negotiate cultural difference to access deeper understanding of marginal social practices. The subject focuses on a number of participatory design techniques, where designers act as facilitators of communities, helping them to identify and respond to their changing situations.

Typical availability

Autumn semester, City campus Spring semester, City campus

89400 Design Capstone Project

12cp

Requisite(s): 12 credit points of completed study in MAJ10014 Information Design Major M Design OR 12 credit points of completed study in MAJ04004 Interior Lighting Major OR 12 credit points of completed study in MAJ04005 Furniture Design Major M Design OR 12 credit points of completed study in MAJ10015 Photomedia Major M Design OR 12 credit points of completed study in MAJ10016 Branding Design Major

Postgraduate

This is the final subject of each of the design expertise majors in the Master of Design (C04243) (see page 366). Students utilise the knowledge and insights they have gained from their master's studies to develop an original body of design work in an area of practice as defined by their previous elective study. Each student develops an individual project that includes four elements: design research, design conceptualisation, design development and design evaluation. Assessment is based on the submission of a project that clearly demonstrates these four elements of the design process. This is a demanding subject that requires self-motivation and self-management of a high order. Students need to plan their time effectively as there is a substantial amount of work in translating a project notion into a well-researched and documented design proposal and then finally into a responsive detailed design.

Typical availability

Autumn semester, City campus Spring semester, City campus

89921 Design Project Preliminary

12cp

Postgraduate

This subject is a program of individual supervised research or design. Assessment is made on submission of an original body of work which usually includes four elements: research, development, evaluation and report. Topics include research, new product development, packaging, pricing, promotion, advertising, product image, test marketing, strategies and tactics for existing products, services and societal marketing, legislation, and consumerism.

Typical availability

Autumn semester, City campus Spring semester, City campus

89922 Design Project

12ср

Postgraduate

Continuation of 89921 Design Project (Preliminary).

Typical availability

Autumn semester, City campus Spring semester, City campus

89953 Concurrent Study Design 2

24cp

Undergraduate

This subject is used for concurrent studies overseas undertaken by Bachelor of Design students.

Typical availability

Autumn semester, City campus Spring semester, City campus

89964 Concurrent Study Design

24ср

Undergraduate

This subject is used for concurrent studies overseas undertaken by Bachelor of Design students.

Typical availability

Spring semester, City campus

89971 Exchange 1A

6cp

Undergraduate

This subject is the first of four subjects designed for students embarking on international exchange in Autumn semester.

Typical availability

Autumn semester, City campus

89972 Exchange 2A

6ср

Undergraduate

This subject is the second of four subjects designed for students embarking on international exchange in Autumn semester.

Typical availability

Autumn semester, City campus

89973 Exchange 3A

6cp

Undergraduate

This subject is the third of four subjects designed for students embarking on international exchange in Autumn semester.

Typical availability

Autumn semester, City campus

89974 Exchange 4A

6cp

Undergraduate

This subject is the last of four subjects designed for students embarking on international exchange in Autumn semester.

Typical availability

Autumn semester, City campus

89975 Exchange 1S

6cr

Undergraduate

This subject is the first of four subjects designed for students embarking on international exchange in Spring semester.

Typical availability

Spring semester, City campus

89976 Exchange 2S

6ср

Undergraduate

This subject is the second of four subjects designed for students embarking on international exchange in Spring semester.

Typical availability

Spring semester, City campus

89977 Exchange 3S

6ср

Undergraduate

This subject is the third of four subjects designed for students embarking on international exchange in Spring semester.

Typical availability

Spring semester, City campus

89978 Exchange 4S

6cr

Undergraduate

This subject is the last of four subjects designed for students embarking on international exchange in Spring semester.

Typical availability

Spring semester, City campus

89990 Animation Project

24cp

Postgraduate

In project work students undertake an original short piece of animation work informed by theoretical study, based on independent research and showing evidence of their professional skills and creative expertise. The project can be in any appropriate form and style of animation production. Students are also required to produce a critical rationale (of approximately 5,000 words) to accompany the project. The animation project is required to demonstrate work of a high standard with the possibility of being publicly exhibited. It must be of a length that can be reasonably completed within the time frame. In Animation Project, students work with their supervisor to negotiate the feasibility and length of their proposed project and their production schedule. In this first part of the semester, students are expected to take their project through research and script revisions to storyboard stage and into pre-production. Students are also expected to make significant progress on their rationale by mid-semester then take both this and their project through to completion. The project should be a significant piece of quality animation, informed by theory and suitable for international exhibition, with an accompanying rationale and research document. It must show evidence that students have engaged in a lively dialogue between theoretical ideas and production practices. Students take the project from shooting, through editing, sound design and post-production. They are expected to screen work-in-progress to their supervisor and regularly report on their post-production. The completed project should demonstrate the student's professional skills and creative expertise and the evidence of the student's capacities as an animator. The subject is conducted by individual supervision and attendance at weekly seminars that offer students the opportunity to present their program ideas, project development and work-in-progress for critical examination. There is also screening and discussion of short media work and the presentation of production case studies relevant to student's own production work.

89991 Animation Project A

12cp

Postgraduate

In project work students undertake an original short piece of animation work informed by theoretical study, based on independent research and showing evidence of their professional skills and creative expertise. The project can be in any appropriate form and style of animation production. Students are also required to produce a critical rationale (of approximately 5,000 words) to accompany the project. The animation project is required to demonstrate work of a high standard with the possibility of being publicly exhibited. It must be of a length that can be reasonably completed within the time frame. In Animation Project A, students work with their supervisor to negotiate the feasibility and length of their proposed project and their production schedule. In this first semester, students are expected to take their project through research and script revisions to storyboard stage and into pre-production. Students are also expected to make significant progress on their rationale. The subject is conducted by individual supervision and attendance at weekly seminars that offer students the opportunity to present their program ideas, project development and work-in-progress for critical examination. There is also screening and discussion of short media work and the presentation of production case studies relevant to student's own production work.

89992 Animation Project B

12cp

Postgraduate

Animation Project B continues the production, begun in Animation Project A, through to completion of a significant piece of quality animation, informed by theory and suitable for International exhibition, with an accompanying rationale and research document. It must show evidence that students have engaged in a lively dialogue between theoretical ideas and production practices. Students take the project from shooting, through editing, sound design and postproduction. They are expected to screen work in progress to their supervisor and regularly report on their postproduction. The completed project should demonstrate the student's professional skills and creative expertise and the evidence of the student's capacities as an animator. The subject is conducted by individual supervision and attendance at weekly seminars.

In this subject students are also required to submit the critical rationale of their project.

90001 Exchange Elective 1 (Information Technology)

6cp; availability: outbound international exchange students only Undergraduate

Enrolment in this subject indicates that a student has completed an elective subject in information technology as part of the UTS international exchange program. Before outbound exchange students can enrol in this subject, the equivalent subject at the exchange partner university must be approved. For students enrolled in UTS: Information Technology courses, this approval must be sought from their program leader. For non-IT students wishing to study IT electives overseas, this approval must be sought from the UTS: Information Technology international exchange contact person.

Typical availability

Autumn semester, City campus Spring semester, City campus

90002 Exchange Elective 2 (Information Technology)

6cp; availability: outbound international exchange students only Undergraduate

Enrolment in this subject indicates that a student has completed an elective subject in information technology as part of the UTS international exchange program. Before outbound exchange students can enrol in this subject, the equivalent subject at the exchange partner university must be approved. For students enrolled in UTS: Information Technology courses, this approval must be sought from their program leader. For non-IT students wishing to study IT electives overseas, this approval must be sought from the UTS: Information Technology international exchange contact person.

Typical availability

Autumn semester, City campus Spring semester, City campus

90003 Exchange Elective 3 (Information Technology)

6cp; availability: outbound international exchange students only Undergraduate

Enrolment in this subject indicates that a student has completed an elective subject in information technology as part of the UTS international exchange program. Before outbound exchange students can enrol in this subject, the equivalent subject at the exchange partner university must be approved. For students enrolled in UTS: Information Technology courses, this approval must be sought from their program leader. For non-TT students wishing to study IT electives overseas, this approval must be sought from the UTS: Information Technology international exchange contact person.

Typical availability

Autumn semester, City campus Spring semester, City campus

90004 Exchange Elective 4 (Information Technology)

6cp; availability: outbound international exchange students only Undergraduate

Enrolment in this subject indicates that a student has completed an elective subject in information technology as part of the UTS international exchange program. Before outbound exchange students can enrol in this subject, the equivalent subject at the exchange partner university must be approved. For students enrolled in UTS: Information Technology courses, this approval must be sought from their program leader. For non-TT students wishing to study IT electives overseas, this approval must be sought from the UTS: Information Technology international exchange contact person.

Typical availability

Autumn semester, City campus Spring semester, City campus

90005 Exchange Elective 5 (Information Technology)

6cp; availability: outbound international exchange students only Undergraduate

Enrolment in this subject indicates that a student has completed an elective subject in information technology as part of the UTS international exchange program. Before outbound exchange students can enrol in this subject, the equivalent subject at the exchange partner university must be approved. For students enrolled in UTS: Information Technology courses, this approval must be sought from

their program leader. For non-IT students wishing to study IT electives overseas, this approval must be sought from the UTS: Information Technology international exchange contact person.

Typical availability

Autumn semester, City campus Spring semester, City campus

90006 Exchange Elective 6 (Information Technology)

6cp; availability: outbound international exchange students only Undergraduate

Enrolment in this subject indicates that a student has completed an elective subject in information technology as part of the UTS international exchange program. Before outbound exchange students can enrol in this subject, the equivalent subject at the exchange partner university must be approved. For students enrolled in UTS: Information Technology courses, this approval must be sought from their program leader. For non-TT students wishing to study IT electives overseas, this approval must be sought from the UTS: Information Technology international exchange contact person.

Typical availability

Autumn semester, City campus Spring semester, City campus

90007 Exchange Elective 7 (Information Technology)

6cp; availability: outbound international exchange students only Undergraduate

Enrolment in this subject indicates that a student has completed an elective subject in information technology as part of the UTS international exchange program. Before outbound exchange students can enrol in this subject, the equivalent subject at the exchange partner university must be approved. For students enrolled in UTS: Information Technology courses, this approval must be sought from their program leader. For non-TT students wishing to study IT electives overseas, this approval must be sought from the UTS: Information Technology international exchange contact person.

Typical availability

Autumn semester, City campus Spring semester, City campus

90008 Exchange Elective 8 (Information Technology)

6cp; availability: outbound international exchange students only Undergraduate

Enrolment in this subject indicates that a student has completed an elective subject in information technology as part of the UTS international exchange program. Before outbound exchange students can enrol in this subject, the equivalent subject at the exchange partner university must be approved. For students enrolled in UTS: Information Technology courses, this approval must be sought from their program leader. For non-IT students wishing to study IT electives overseas, this approval must be sought from the UTS: Information Technology international exchange contact person.

Typical availability

Autumn semester, City campus Spring semester, City campus

91103 Honours FT (Medical and Molecular Bioscience) 1

24ср

Study in this subject is designed to enhance the skills and knowledge necessary for research in the biological and biomedical sciences. The principal activity is an individual research project in which the student, under supervision, plans and undertakes investigation in an area of interest. The data collected are then subjected to analysis and interpretation under the guidance of the supervisor. Students learn to define objectives and aims, work to available time and resources, use appropriate research methods, critically assess information and develop complex arguments in detail. The findings of the research project are presented in a structured and integrated thesis, which comprises the main assessment component.

Typical availability

Autumn semester, City campus

91104 Honours FT (Medical and Molecular Bioscience) 2

24cn

Study in this subject is designed to enhance the skills and knowledge necessary for research in the biological and biomedical sciences. The principal activity is an individual research project in which the student, under supervision, plans and undertakes investigation in an area of interest. The data collected are then subjected to analysis and interpretation under the guidance of the supervisor. Students learn to define objectives and aims, work to available time and resources, use appropriate research methods, critically assess information and develop complex arguments in detail. The findings of the research project are presented in a structured and integrated thesis, which comprises the main assessment component.

Typical availability

Spring semester, City campus

91105 Honours FT (Environmental Science) 1

24cı

Study in this subject is designed to enhance skills and knowledge in undertaking research in environmental science. The subject comprises 12 credit points of electives in a specialist field and a 36-credit-point equivalent individual research project where the student, under supervision, defines a problem in an area of interest, and then collects, analyses and interprets data to solve this problem. Students learn to define objectives and aims, work to available time and resources, use appropriate research methods, critically assess information and to develop complex arguments in detail. The findings of the research project are presented in a structured and integrated thesis which comprises the main assessment component. Research ethics and scientific method are emphasised.

Typical availability

Autumn semester, City campus Spring semester, City campus

91106 Honours FT (Environmental Science) 2

24cp

Study in this subject is designed to enhance skills and knowledge in undertaking research in environmental science. The subject comprises 12 credit points of electives in a specialist field and a 36-credit-point equivalent individual research project where the student, under supervision, defines a problem in an area of interest, and then collects, analyses and interprets data to solve this problem. Students learn to define objectives and aims, work to available time and resources, use appropriate research methods, critically assess information and to develop complex arguments in detail. The findings of the research project are presented in a structured and integrated thesis which comprises the main assessment component. Research ethics and scientific method are emphasised.

Typical availability

Autumn semester, City campus Spring semester, City campus

91107 The Biosphere

6cp; 5hpw

This subject provides an introduction to the science of the biosphere, a convenient grouping for all forms of life. The subject explores the environment in which life exists and how it has developed, interactions among the various components within the biosphere, and with external factors such as climate, the fundamental construct of the Earth's crust, and conditions and resources associated with land and water. Throughout the subject there is an integrated focus on the science of the biosphere and the effects of humans and their activities on the biosphere, including current issues such as climate change, sustainability and water crisis. Some of the skills that students acquire in this subject include presentation and interpretation of scientific data, and communicating science.

Typical availability

Autumn semester, City campus

91110 Experimental Design and Sampling

6cp. 5hpw

Requisite(s): 33116 Statistical Design and Analysis OR 33109c Statistics for Environmental Biologists

This subject demonstrates the keystone role of experimental design and data analysis in environmental science. It also provides a logical framework for conducting scientific research, as well as builds on the analytical skills acquired in past subjects at UTS. By the end of this subject, students are able to design and analyse unconfounded experiments in the field and laboratory. They also have an improved knowledge of multifactor ANOVA, correlation and regression analyses and non-parametric multivariate techniques. The skills learnt in this subject are crucial for future work at UTS and for a successful career in environmental science.

Typical availability

Autumn semester, City campus

91116 Wildlife Ecology

6cp; this subject contains a four-day field excursion Requisite(s): 91363 Animal Behaviour and Physiology OR 91309 Biodiversity Conservation

These requisites may not apply to students in certain courses. See access conditions.

This subject covers a range of aspects including: wildlife ecology and management in Australia and worldwide; behavioural ecology of vertebrate wildlife; the ecology of threatened and endangered species; anthropogenic impacts on Australian wildlife; captive breeding programs and the role of national parks in conservation; the ecology of native and introduced pest animals; and conservation through sustainable use of wildlife.

Typical availability

Autumn semester, City campus

Note(s)

Students wishing to take this subject without the abovementioned prerequisites need to discuss it with the course director or subject coordinator before putting in an e-request.

91118 Fisheries Resources

6ср

Requisite(s): 91123 Biocomplexity OR 91153 Catchment Ecosystems These requisites may not apply to students in certain courses. See access conditions.

Freshwater, estuarine and marine biological resources and their exploitation are examined. Problems of productivity against a background of regulations are explored, and the major management requirements for ESD of coastal and freshwater fisheries resources addressed. NSW and Australian practices are examined in relation to best practices elsewhere. Some classes are taught in excursion mode.

Typical availability

Autumn semester, City campus

91120 GIS and Remote Sensing

6cp; availability: students must have completed 90 credit points of study in C10228

Requisite(s): 72 credit points of completed study in C10000-C19999 These requisites may not apply to students in certain courses. See access conditions.

This subject provides students with an understanding of some of the complex aspects related to the use, development and management of geographical information systems (GIS) as well as exposure to elements of remote sensing as applied to the study of natural phenomena. In the GIS stream students gain exposure to one of the most widely used GIS softwares in industry and science. In the remote sensing stream students are presented with elements of the physical principles underpinning collection of earth systems data from orbiters and the payloads on board. Experience on how to input data obtained by remote sensing (as well as other sources) into a GIS is also gained. The subject includes lectures, computer practicals and discussion boards. Selected case studies on the application of GIS and remote sensing are presented by guest speakers as appropriate, depending on speakers' availability.

Typical availability

Autumn semester, City campus

91121 Aquatic Ecology

6cp; includes a compulsory field trip to Stroud, normally held in February

Requisite(s): 91110 Experimental Design and Sampling AND 91154 Ecology

This subject gives students a comprehensive understanding of the ecology of aquatic ecosystems (freshwater and marine). It provides students with knowledge of the physical, chemical and biological processes and their interactions that occur in freshwater, marine and estuarine systems. It also introduces them to the effects of anthropogenic impacts of in-stream and catchment activities on the integrity of these ecosystems, and approaches to managing these water resources. Students develop an appreciation of the importance of understanding the ecology of these systems as it underpins the ability to manage these resources for the benefit of the biota and humanity. These include an appreciation of the rich and varied patterns of biodiversity and physical features among these habitats, and the importance of maintaining their integrity in the face of anthropogenic impacts. Understanding ecosystem integrity requires and understanding of the structure and function of these ecosystems. The subject develops the student's ability to research issues related to the project component of the subject to discuss the implications of their results in the broader context of the ecology of aquatic ecosystems.

The subject applies the knowledge gained in 91110 Experimental Design and Sampling in the practical activities which are project based. It also provides the knowledge and skills required for the elective subject 91155 Stream and Lake Assessment.

Typical availability

Autumn semester, City campus

91123 Biocomplexity

6cp; 6hpw

This subject investigates the question: what does it take for life to exist in the range of habitats across the globe? There is considerable variation among living organisms, including humans, in their biology and how they interact with their environment. This subject explores the problems faced by living organisms in order to live in different habitats, and demonstrates the strategies of plants, animals, fungi, protists and bacteria that have evolved to cope with the vast array of habitats on Earth. The order in which these biota are treated is reflected in the order of the evolution of life, i.e. movement from the water to the land (and in some cases back to the water). All major taxa are discussed comparatively to better demonstrate the diversity of evolutionary strategies that have evolved in response to environmental conditions. The subject concludes with considerations of the sustainable use of animals, plants, fungi and bacteria as resources for humans.

Typical availability

Spring semester, City campus

First-year experience videos

View commentary from students and academics about this first-year subject at:

- Student video: www.youtube.com/user/utschannel#p/u/8/ AjucHSOTZvc
- Academic video: www.youtube.com/user/utschannel#p/u/26/ uBnH57M1apM

91126 Coral Reef Ecosystems

6cp; includes a six-day field excursion to One Tree Island, normally held in July; availability: enrolment is restricted due to the availability of space at the One Tree Island Research Station and preference is given to final-year students in the Bachelor of Science in Marine Biology

Requisite(s): ((91153 Catchment Ecosystems OR 91123 Biocomplexity) AND 91121 Aquatic Ecology)

In this senior-level field subject, students examine in detail the ecology and geology of a coral reef environment. As part of the study, students carry out a group research project on an area of special interest within the reef environment. The subject requires a literature survey prior to attendance and preparation of a field report following completion of the field work. The subject covers a range of aspects of the marine environment, including chemical, biological, physical and geological oceanography, in addition to the biology of fishes, benthic fauna, plants and sediments. The subject includes an six-day excursion to Queensland's One Tree Island.

July session, City campus

91129 Transfusion Science

6cp; 6hpw

Requisite(s): 91401 Introductory Haematology and Immunology

This subject covers human blood groups, principles of donor blood compatibility and antigen/antibody reactions, detection and identification of serum antibodies, blood products, the safety of the blood supply and minimisation of transmission of infectious diseases, investigation of transfusion reactions, haemolytic disease of the newborn, platelet and leucocyte immunohaematology, transfusion in critical care situations, legal aspects of transfusion of blood products, stem cell transplantation, and cytokine stimulation of haemopoiesis.

Typical availability

Spring semester, City campus

91132 Molecular Biology 1

6cp; 6hpw

Requisite(s): 91161 Cell Biology and Genetics AND 91314 General Microbiology

These requisites may not apply to students in certain courses. See access conditions.

This subject provides an introduction to the basics of molecular biology and an understanding of the key concepts underlying the experimental techniques of DNA manipulations of a molecular biology laboratory. Topics covered include: DNA and RNA isolation, restriction enzymes, DNA ligation, cloning strategies; southern, northern and western blotting; and an introduction to DNA sequencing and PCR. Emphasis is also placed on the use of databases to retrieve and analyse nucleic acid and protein sequences. This subject encourages students to become adept at the techniques required for molecular analysis in a modern scientific laboratory, and provides a foundation for more advanced molecular biology study.

Typical availability

Spring semester, City campus

91137 DNA Profiling

6cp; 5hpw

Requisite(s): (35255 Forensic Statistics AND (65242 Principles of Forensic Science OR 65241 Principles of Forensic Science) AND (65342c Crime Scene Investigation OR 65543c Crime Scene Investigation) AND 91132 Molecular Biology 1)

These requisites may not apply to students in certain courses. See access conditions.

This subject examines advanced molecular biological techniques, and the performance of both nuclear and mitochondrial DNA laboratory extraction procedures from a variety of samples. DNA extract amplification and examination using the standards is highlighted as required for court admissible evidence. Population genetics and population structure is addressed in relation to relevance of results. Basic population statistics and likelihood ratios is discussed in relation to considerations, quality control, proficiency testing and accreditation. Students study the applications of these techniques in quarantine, customs and wildlife management.

Typical availability

Autumn semester, City campus

91138 Investigation of Human Remains

6cp; 5hpw; availability: limited places are available with priority given to Bachelor of Forensic Biology in Biomedical Science (C10174) students; it also may not be available as an elective to other science students, contact the subject coordinator

Requisite(s): ((91402 Anatomical Pathology OR 91354 Anatomical Pathology) AND (65342c Crime Scene Investigation OR 65543c Crime Scene Investigation) AND 91314 General Microbiology) These requisites may not apply to students in certain courses. See access conditions.

This subject covers the coronial system, the function of the coroner, ethical and religious issues, sensitivity to Koori (and other indigenous Australian people) rights and heritage, and procedures required for disaster victim identification. Theoretical and practical aspects also include recovery of remains, decomposition, methods to estimate time of death, ways forensic scientists and pathologists distinguish

race, age and gender of the deceased and whether death was caused by ageing, disease or accidental or intentional means. Students are also introduced to odontological (dental), osteological (bone) and anthropological techniques, which also assist in such identifications.

Typical availability

Autumn semester, City campus

91139 Complex Forensic Cases (Biology)

6cp: 4hpv

Requisite(s): 91137 DNA Profiling AND 91138 Investigation of Human Remains

These requisites may not apply to students in certain courses. See access conditions.

This subject examines some cornerstone cases in biological evidence, which lead to changes in testing and court procedures. The subject also includes working through mock cases, making decisions on what samples to take and analyses to perform, along with relevant controls and reference samples. A court report is written (submitted for marking) and evidence relating to the case presented in a mock trial. The report details the case strategy, relevant quality assurance, control, reference samples and significance of the findings.

Typical availability

Spring semester, City campus

91140 BioNanotechnology

6cp; 5hpw

Requisite(s): [[(65201 Chemistry 2C OR 65212 Chemistry 2]] OR 65022 Chemistry 2A]

These requisites may not apply to students in certain courses. See access conditions.

Biological systems are extremely important in nanotechnology and many new applications are being developed by mimicking natural systems. Biology is extremely good at self-assembling complex, multifunctional systems at the nanoscale, e.g. cell membranes or DNA. By understanding how these systems work, nanotechnologists are developing new biosensing, biomedical and materials applications, e.g. the ion-channel biosensor. This subject investigates the science that underlies these biological processes and how it is applied in contemporary nanotechnologies.

Typical availability

Spring semester, City campus

91142 Biotechnology

6cp; 6hpw

Requisite(s): ((91320c Metabolic Biochemistry AND 91314c General Microbiology) OR 91313 Biomolecules: Structure and Function)

This subject provides a detailed overview of the biotechnology industry from the traditional industries to the recent high-technology industries. The major streams of food biotechnology, agricultural biotechnology, industrial biotechnology and medical biotechnology are explored with an emphasis on recent advances and modern procedures.

Typical availability

Autumn semester, City campus

91144 Plant Biotechnology

6cp; 5hpw

Requisite(s): 91132 Molecular Biology 1

In this subject, students are introduced to plant cell and tissue culture and the application of these techniques to cloning, somatic embryogenesis and somaclonal variation, and totipotent cells as a means of multiplication and determining phenotypic and genetic stability of tissue cultured plants. The subject also includes media preparation and nutrient requirements and the use of robotics and biofermentors in micropropagation. Pathogen detection and elimination, virus-free plants, pathogen indexing, certification of horticultural crops, plant quarantine, germplasm preservation, cryopreservation, long-term storage, and biosecondary metabolites are covered. Physiological status of micropropagated plants, transplanting and hardening-off stages are demonstrated and practices and problems in micropropagation such as vitrification, phenolic exudates, vessel environment and large-scale production are covered. Techniques used in plant biotechnology such as transgenic plant production, molecular biology and proteomics are covered and environmental concerns and biosafety regulations are included. Emphasis is given to Australian indigenous and rare flora and agriculturally important crops.

Typical availability

Spring semester, City campus

91145 Environmental Protection and Management

6cp; 5hpw

Requisite(s): 91154 Ecology

These requisites may not apply to students in certain courses. See access conditions.

Scientific investigation and evidence form the basis of effective management and protection of ecosystems. This subject examines the contribution of science to management and conservation of natural and threatened ecosystems and to the formulation and development of guidelines and environmental policies and laws, considered from regulatory, socioeconomic and community perspectives. Topics address adaptive management strategies, environmental impact and ecological risk assessments and application of regulatory guidelines in monitoring, conservation and remediation of terrestrial and aquatic ecosystems impacted by human uses. A range of case studies are presented to illustrate the concepts introduced in this subject.

Typical availability

Spring semester, City campus

91146 Topics in Australian Marine Science

6cp

This subject introduces students to current research undertaken in the various disciplines of marine science in Australia. It is a multi-institutional subject taught at the Sydney Institute of Marine Science (SIMS) with contributions from four partner universities (UTS, UNSW, USyd, and Macquarie). Students are able to take advantage of the newly built (as of 2011) facilities at SIMS, and its more than 80 associate scientists. Lectures and tutorials are taught by leading marine science researchers. The SIMS partnership provides a breadth of expertise that would not be achieved by any institution in isolation. Topics cover physical and biological oceanography, climate change, molecular ecology, aquaculture, marine biology and marine geosciences. In practical classes, students analyse and interpret remotely-sensed data from the Integrated Marine Observing System (IMOS), which provides comprehensive information on the biological and physical processes of Australia's coastal and oceanic waters.

91149 Geological Processes

Scn. 6hnw

Requisite(s): 35101 Introduction to Linear Dynamical Systems OR 68041 Physical Aspects of Nature OR 68101 Foundations of Physics

This subject introduces basic concepts of environment building processes. The focus is on the processes of rock and landscape formation, and their evolution due to the action of atmosphere and hydrosphere, and the interaction with the biosphere. Geomorphologic processes and their relationship to the underlying geological sequences are presented, as well as principles of weathering and sedimentology; soils and sediments, their formation, structure and function in supporting soil-based ecosystems. Unravelling the history of the Earth through the study of layering in rocks and examination of the fossil record are included, together with an introduction to the development of stratigraphic principles and their significance in understanding the nature of surface materials through aspects of superposition, correlation, structure, erosion and land stability. Practical classes are aimed at equipping students with the following essential skills: map reading and environmental interpretation; and practical identification of sediment, soil, minerals, rocks and fossils.

Typical availability

Autumn semester, City campus

91154 Ecology

6ср

Requisite(s): 91101 Cells, Genetics and Evolution OR 91102 Animal Function and Diversity OR 91123 Biocomplexity

Management and remediation of the vast array of environmental problems facing the globe require a rigorous, scientific understanding of how ecosystems work. In this subject, students are introduced to fundamental ecological principles underpinning the structure and function of ecosystems. Theoretical and empirical examples are provided using a broad cross-section of organisms (e.g. invertebrates

and vertebrates) and ecosystems (e.g. aquatic and terrestrial) with a focus on the application of ecological knowledge to the conservation and management of biodiversity. Field work in several different systems (e.g. woodland vegetation, rocky shore habitat) during practical classes is compulsory. This subject is an important link to a range of third-year subjects that require a deep understanding of ecological concepts.

Typical availability

Autumn semester, City campus

91155 Stream and Lake Assessment

6cp

Requisite(s): 91121 Aquatic Ecology

These requisites may not apply to students in certain courses. See access conditions

Detailed biological characteristics of Australian streams and lakes are covered in the context of biomonitoring and assessment of water quality and 'ecological health' and their management. Assessment techniques include the AUSRIVAS approach, which is related to other water quality indicators, particularly limnochemistry. This subject is targeted to those seeking a career as professional freshwater ecologists. Excursions are included in this subject.

Typical availability

Spring semester, City campus

91156 Marine Primary Producers

6cp: part block mode

Requisite(s): 91270 Plant Physiology and Ecophysiology

These requisites may not apply to students in certain courses. See access conditions.

This senior level subject provides an understanding of marine ecosystem structure (all marine ecosystems are ultimately dependant upon primary production). Specifically, it provides a foundation in assessing and understanding the process of photosynthesis of marine plant systems. Much of the subject is taught in block mode at Heron Island with some limited activities based in Sydney.

Enrolment in the subject is limited by the availability of space at the Heron Island Research Station and preference is given to students in the Bachelor of Science in Marine Biology course.

Typical availability

July session, City campus

Note(s)

91156 runs every day (3rd year).

91157 Marine Communities

6cp; Block, plus 1-day and 3-day excursions

Requisite(s): 91154 Ecology AND 91110 Experimental Design and Sampling

These requisites may not apply to students in certain courses. See access conditions.

Australia is directly responsible for more the 16 million km2 of ocean, which contributes in excess of \$50 billion to our economy each year. Sustainable management of our coastal and oceanic resources can only come through understanding of the ecology of these systems. In this subject students develop an understanding of the processes that structure marine communities and support marine mammal populations. Problem-based learning techniques are used to elucidate interactions between the animals and plants in marine communities. Special attention is paid to local rocky reef, soft-sediment and pelagic (open water) communities. This subject integrates lecture and fieldwork, complimenting other subjects, which focus on fish, coral reef ecosystems, marine primary producers and marine geosciences. Experimental work is conducted in the field during a three-day excursion to Pearl Beach, held during tutorial week and a one-day excursion to the soft-sediment communities at Careel Bay. Due to the Pearl Beach excursion, numbers are limited and preference is given to second-year marine biology students.

Typical availability

Spring semester, City campus

Note(s)

91157 runs every year (2nd year).

91159 Environmental Forensics

6cp

Requisite(s): ((91152 Contemporary Environmental Issues OR 65012 Chemistry 1A OR 65101 Chemistry 1C)) OR (91107 The Biosphere AND 91123 Biocomplexity)

This subject presents an introduction to the study of impacts of major pollutants/toxicants in aquatic and terrestrial ecosystems on biota, their fates in the environment and the methodologies that are used to measure such impacts to yield results that are acceptable under regulatory constraints. The contributions of field and laboratory methods of assessment are evaluated in the context of monitoring and assessment, QA/QC and forensic investigation methods relevant to the environmental protection area: examples from Australia will be used throughout. Several one-day excursions are included.

Typical availability

Spring semester, City campus

91161 Cell Biology and Genetics

6cp; 6hpw

This subject is concerned with the cellular nature of biological material and students engage in processes of scientific inquiry in cell biology and genetics. The subject introduces the student to the basic concepts of cell biology, cell structure and function and the underlying genetic code. The different structure, composition and function of prokaryotes, eukaryotes and archaea are covered. The subject covers the structure and properties of cell membranes and transport across them, as well as the chemical changes (both synthetic and degradative) that occur in cells and the ways in which cells obtain, store and manipulate energy. Processes of cell communication, including cell recognition and adhesion, and the ways in which cells respond to external signals are also covered.

Students are introduced to the methods used to investigate cellular structure and the functional significance of their sub-cellular organisation. Cell growth and division along with stages of the cell cycle and key molecules and mechanisms involved in its regulation, along with mitosis and meiosis are discussed. The topics of cell proliferation, cell differentiation and apoptosis (programmed cell death) are covered. In this subject students learn to undertake independent research and participate in the scientific peer review process.

Typical availability

Autumn semester, City campus

91163 Alpine and Lowland Ecology

6ср

Requisite(s): 91110 Experimental Design and Sampling AND 91154 Ecology

This is a field-based subject run every third summer. It comprises an 11-day field trip (the 'Great Southern') from the southeast coastal to alpine regions of New South Wales. This field trip alternates on a three-year rotation with 91371 Forest and Mountain Ecology (the 'Great Northern') and 91370 Semi-arid Ecology (the 'Great Western').

Worldwide, ecological processes and biota vary dramatically with altitude. Such an altitudinal gradient can be seen in Australia, not far from Sydney. The field trip goes from the lowest to the highest locations in Australia: sea level on the southeast coast at Eden to Mt Kosciuszko at 2228 metres. Along this gradient, students experience changes in flora, fauna and ecology, driven by the climatic forces that change from the ocean to the mountains. The curriculum framework is therefore altitudinal change, with core content focusing on vegetation changes in height, shape, species composition, ecology and human use. Students compare heathlands at the top and the bottom of the range, the tall forests in between, and their associated fauna and aquatic systems. Students experience first-hand the major climatic driver of environmental change along this altitudinal gradient: temperature. They also learn how the interacting forces of rainfall, soil, slope and aspect shape the ecological complexity as they ascend.

While maintaining this core content, additional content on the field trip is guided by what is encountered along the way. An overarching framework of altitudinal change allows learned concepts to be reinforced in sometimes unpredictable ways. For example, an encounter with an area recently burnt may provoke an impromptu lecture from staff on the vulnerability or resilience of a particular system to fire. The framework also provides a strong professional context, whereby students learn from the expertise of people working along the gradient, who tell about the experience of practitioners in their place of work without the detachment inherent in the classroom.

The subject content is therefore enhanced according to what is topical and relevant in terms of scientific research, land management practices, and political context, but the core content remains consistent for all field trips.

Typical availability

Summer session

This subject is next offered in December 2013.

91164 Communication for Science

6cp; lecture: 1hpw; workshop: 3hpw

This is an integrated subject aimed at developing and enhancing the oral and written communication skills of students entering science. The content of lectures and practical workshops deals with the development of a range of academic and professional communication skills such as critical reading of scientific texts, writing for a range of readers and purposes in various science disciplines, effective speaking and listening. The subject also addresses ethical considerations relevant to science communication, such as plagiarism, truth in reporting of scientific data and ethical dilemmas in science.

91165 External Marine Study 1

6ср

For subject description, contact UTS: Science.

91166 External Marine Study 2

6cr

For subject description, contact UTS: Science.

91170 Microbial Ecology

6ct

Requisite(s): [91107 The Biosphere AND 91123 Biocomplexity AND [91161 Cell Biology and Genetics OR 65111 Chemistry 1]]

Microorganisms dominate all natural ecosystems and are fundamentally important for the maintenance of conditions that permit life on earth. Microbes are also important infectious agents or symbionts of animals and plants, and thus play a critical role in influencing the physiology and ecology of these larger organisms. This subject goes beyond traditional laboratory and clinical-based microbiology to examine the ecological role of microorganisms in natural environments. Within this context the subject investigates how microorganisms fit into aquatic and terrestrial food webs, and the roles that they play in controlling global chemical cycling processes. The ways that microbes interact with higher organisms (animals and plants) and their influence on human society are also examined. The primary objective is to provide a comprehensive introduction to the multifaceted influences of microorganisms in our natural world.

Typical availability

Spring semester, City campus

91171 Biomedical Engineering Project A

12cp

For subject description, contact UTS: Science.

91172 Biomedical Engineering Project B

12cp

For subject description, contact UTS: Science.

91173 Biomedical Engineering Project

24cp

For subject description, contact UTS: Science.

91239 Human Pathophysiology

6cp; 5hpw

Requisite(s): (91400 Human Anatomy and Physiology OR (91701 Medical Science 1 AND 91702 Medical Science 2))

These requisites may not apply to students in certain courses. See access conditions.

This subject aims to provide an overview of the essential elements of the disease process as occurring in some common disorders of each of the major body systems. This information is provided in the context of how the disorder affects healthy structure and function, and so reinforces basic anatomy and physiology previously studied. Topics include immunology, cancer, endocrine, gastrointestinal, respiratory, cardiovascular, renal and body fluid, nervous, musculoskeletal and reproductive disorders.

Spring semester, City campus

91270 Plant Physiology and Ecophysiology

6ср

Requisite(s): (91123 Biocomplexity OR (91101 Cells, Genetics and Evolution AND 91151 Plants, People and the Environment AND 65212 Chemistry 2))

This subject introduces the key concepts, processes and techniques required to understand the basics of the physiology of plants and the interaction of the abiotic environment with plants in the field (ecophysiology). It is taught using a combination of lectures, practical lab work and group project work. Topics to be covered include a selection from the following: carbon gain; long-distance transport in the phloem; uptake, movement and control of water fluxes in the soil-plant-atmosphere continuum; behaviour and physiology of stomata; nitrogen fixation of higher plants; ion uptake by plant roots; comparative ecophysiology of plants in contrasting environments; physiology of plants exposed to stress.

Typical availability

Spring semester, City campus

Note(s)

This subject was formerly called Plant Ecophysiology.

91309 Biodiversity Conservation

6cp; 5hpw

Requisite(s): 91154 Ecology

These requisites may not apply to students in certain courses. See access conditions.

The subject introduces various taxonomic tools including use of keys and examines the usefulness of classificatory schemes in biodiversity. In particular, the subject addresses the question as to why and how biodiversity is important, what does biodiversity tell us about animal and plant groups and indeed the planetary health. The subject includes an introduction to modern sophisticated analytical techniques in biodiversity assessment.

Typical availability

Autumn semester, City campus

91314 General Microbiology

6cp; 5hpw

Requisite(s): 91161 Cell Biology and Genetics OR 91701 Medical Science 1 OR 91101 Cells, Genetics and Evolution

This subject provides an introduction to the structure, function and taxonomy of the bacteria, fungi, protozoa, and viruses. Several key topics in the study of microbiology are discussed including microscopy, sterilisation, disinfection, microbial nutrition, microbial growth, bacterial identification schemes, as well as antibiotic and anti-microbial agents, and contemporary techniques in molecular microbiology. Basic mycology, parasitology, and virology are covered, with an emphasis on transmission control of these organisms. The practical exercises give students experience in the principal laboratory procedures for the isolation, manipulation, growth and identification of micro-organisms.

Typical availability

Autumn semester, City campus

Note(s)

This subject was formerly called Microbiology 1.

91320 Metabolic Biochemistry

6cp; 6hpw

Requisite(s): (91161 Cell Biology and Genetics OR 91313

Biomolecules: Structure and Function) AND (65212 Chemistry 2 OR 65022 Chemistry 2A OR 65201 Chemistry 2C)

This subject introduces students to cellular metabolism and energy transfer mechanisms. It provides an overview of the main carbohydrate catabolic and anabolic pathways including glycolysis, Krebs cycle and oxidative phosphorylation, gluconeogenesis and glycogen metabolism. It provides an understanding of nitrogen and fatty acid metabolism, and the metabolic specialisation of tissues and the relationships between tissues. Cell signalling and the role signals/hormones in maintaining homeostasis is explored.

This understanding of cell function provides a foundation for many subjects in biological and biomedical sciences. Emphasis is placed on mastering and understanding the principles of cellular reactions and their application to diverse cell types. The subject also introduces the basic tools and methods of biochemical experimentation, the application of biochemical reasoning, and the presentation of results in written format.

Typical availability

Autumn semester, City campus

Note(s)

This subject was formerly called Biochemistry 2.

91326 Analytical Biochemistry

6cp; 6hpw

Requisite(s): 91320 Metabolic Biochemistry OR 91313 Biomolecules: Structure and Function

This subject examines modern methods in biochemical analysis emphasising instrumentation, underlying principles, aims and strategies. It covers spectroscopic methods, spectrophotometry, spectrofluorometry flame emission and absorption photometry, magnetic resonance, mass spectrometry; chromatography principles and practice; GLC, HPLC; electrophoresis, centrifugation; applications to nucleic aids and proteins; cryoscopic osmometry; electrochemical methods; potentiometry and ion electrodes, polarography; introduction to radiochemistry; and immunoassay methods.

Typical availability

Spring semester, City campus

91330 Epidemiology and Public Health Microbiology

6cp: 6hpw

Requisite(s): 91314 General Microbiology

This subject covers the following topics: history of understanding of disease causation and of public health microbiology; basic epidemiological principles; mathematical formulation of epidemics; measures of disease frequency (rates and risk factors); sociological aspects; the public health laboratory environment; food, water and airborne diseases; exotic and notifiable diseases; zoonoses; application of bacterial enumeration and identification techniques to the examination of water and food; epidemiological tracing methods; biotyping; serotyping; bacteriophage typing; molecular typing; control measures and interventions; hygiene; sanitation; disinfection; sterilisation; vaccines, vaccination procedures and vaccination programs.

Typical availability

Spring semester, City campus

91335 Molecular Biology 2

6cp; 6hpw

Requisite(s): 91132 Molecular Biology 1

These requisites may not apply to students in certain courses. See access conditions.

This subject covers the following topics: structure and organisation of the eukaryotic genome; fundamental introduction to the 'omics' technologies: genomics, transcriptomics and proteomics; control of gene expression by regulation of RNA synthesis, processing and translation; examples of gene therapy and transgenic technology including the use and design of expression vectors; and introduction to bioinformatics and the practical use of computer algorithms for the analysis of molecular data, DNA extraction and digestion for the identification of repetitive sequences, polymerase chain reaction and proteomics technology.

Typical availability

Autumn semester, City campus

91338 Clinical Bacteriology

6cp; 6hpw

Requisite(s): 91330 Epidemiology and Public Health Microbiology

This subject covers the following topics: quantitative methods, reliability studies, automation, data processing and numerical analysis in clinical microbiology; pathogenic microorganisms (their handling (including safety requirements), cultivation, isolation and relationship to the indigenous flora of humans and animals) a detailed study of staphylococci, streptococci, corynebacteria, mycobacteria, neisseria, enteric bacteria, pasteurellae, pseudomonads and spirochaetes; and antibiotics and antibiotic sensitivity testing.

Autumn semester, City campus

91344 Medical and Diagnostic Biochemistry

6cp; 6hpw

Requisite(s): 91320 Metabolic Biochemistry

These requisites may not apply to students in certain courses. See access conditions.

This subject is designed to introduce the basic concepts of medical biochemistry relevant to biotechnology, medical research and clinical analysis. It is structured in such a way that it analyses the basic biochemical abnormalities that lead to various disease states, their diagnosis, clinical analysis and final treatment. The major areas covered are abnormal kidney and liver function, biochemistry of haemoglobin pigments and their relation to disease. Abnormalities of carbohydrate metabolism such as diabetes, clinical enzymology and serum proteins in health and disease, the principles of laboratory management, with special emphasis on safety, quality control and automation are also covered.

Typical availability

Autumn semester, City campus

91345 Biochemistry, Genes and Disease

6cp; 6hpw

Requisite(s): 91320 Metabolic Biochemistry

These requisites may not apply to students in certain courses. See access conditions.

This subject covers biochemical and genetic aspects of human diseases for students planning careers in medical science, diagnostic biochemistry, molecular biology and biotechnology. In this subject, students learn about some of the more common heritable genetic defects and their medical and biochemical consequences. In addition, students further develop knowledge and practical skills in the biomedical applications of biochemical and molecular analysis. The lecture series covers three main areas: heritable metabolic defects, e.g. hypothyroidism, cystic fibrosis, familial hyperlipidemia, Down's syndrome; biochemical physiology and pathology, e.g. human biochemistry as expressed by lipid metabolism, detection of disease states resulting from altered biochemical systems; and current trends in biochemical/molecular research including cancer and gene therapy for diabetes. The practical component enables students to gain experience in test procedures used to detect and monitor disease, including techniques of radioimmunoassay, electrophoresis and PCR screening.

Typical availability

Spring semester, City campus

Note(s)

This subject was formerly called Clinical Biochemistry 2.

91352 Parasitology

6cp; 6hpw

Requisite(s): 91314 General Microbiology

These requisites may not apply to students in certain courses. See access conditions.

This subject covers the following topics: parasitism; biology of parasitic worms including nematodes, trematodes and cestodes; biology of parasitic protozoa including the sporozoans, flagellates, amoeba and ciliates; arthropods as vectors of disease; clinical parasitology; molecular biology of parasites; immunity and vaccine development; and antiparasitic therapy.

Typical availability

Spring semester, City campus

91358 Advanced Haematology

6cp; 4hpw

Requisite(s): 91401 Introductory Haematology and Immunology

This subject covers disease processes related to hereditary, acquired, benign and malignant disorders of haematological systems; correlation of physiological processes, pathological states and diagnostic tools in haematology; light microscopic morphological examination of peripheral blood and bone marrow in disease and correlation of these findings with indices and cell counts obtained by automated laboratory equipment; procedures for detection and

precise diagnosis of anaemias, haemostatic disorders, haemoglobin disorders and haematological malignancies; the World Health Organization classification of haematological malignancies; introduction to cytogenetics; prenatal diagnosis of genetic disease, genetic counselling and cancer cytogenetics.

Typical availability

Autumn semester, City campus

91359 Advanced Immunology

6cp; 5hpw

Requisite(s): 91401 Introductory Haematology and Immunology These requisites may not apply to students in certain courses. See access conditions.

This subject provides current concepts of modern immunology to students who have some basic understanding of the subject, and aims to develop an appreciation of the wide spectrum of applied immunology in medicine, research and industry. Specialised areas of immunology covered include: genetics of antibody diversity; structure of antibodies; genetics and structure of the T cell receptor and MHC molecules; cytokines; mechanisms of immune cell regulation in health and disease; clinical immunology and techniques applicable in both diagnostic and research laboratories, including enzyme-linked immunoassays; protein purification and analysis; cell separations and flow cytometry.

Typical availability

Autumn semester, City campus

91363 Animal Behaviour and Physiology

6cr

Requisite(s): 91123 Biocomplexity

This subject covers the complexities and provides an in-depth analysis of basic behavioural and physiological processes. The focus is on the interactions between the control systems and physiological and behavioural processes in relation to habitat and changing environments. The central role of the nervous system in controlling physiological and behavioural parameters in response to environmental selection is emphasised.

Typical availability

Spring semester, City campus

91368 Bioreactors and Bioprocessing

6cp; 6hpw

Requisite(s): 91314 General Microbiology

These requisites may not apply to students in certain courses. See access conditions.

This subject covers the practical aspects of modern biotechnology including bioreactor operation, microbial kinetics, extraction techniques and downstream processing. It includes the microbiological physiological and biochemical basis of industrially useful fermentations in food, beverage, pharmaceutical and other relevant industries. Economic and other factors impinging on the operation of fermentation industries are also undertaken in this subject. The theory and laboratory practice is further developed by visits to local biotechnology businesses.

Typical availability

Spring semester, City campus

91369 Biobusiness and Environmental Biotechnology

6cp; 6hpw

Requisite(s): 91314 General Microbiology

These requisites may not apply to students in certain courses. See access conditions.

This subject explores microbial habitats, the microbial biogeochemical cycles and environmental biotechnology including sewage treatment, industrial/agricultural waste, biodegradation, bioremediation, microbial mining and biofuels. Also included in this subject are quality control techniques, quality management systems (ISO, GMP etc), HACCP, legislation, intellectual property and the financing, establishment and management of biotechnology companies. Industrial visits are an important component of this subject.

Typical availability

Autumn semester, City campus

91370 Semi-arid Ecology

6cp; block mode; 10-14 day field excursion to far western NSW in July every third year; availability: enrolment is restricted by the availability of space in vehicles, with preference given to third-year environmental science students

Requisite(s): 91110 Experimental Design and Sampling AND 91154 Ecology

Recommended studies: a thorough knowledge of basic ecology is a prerequisite for this subject

Many of the ecological processes and environmental issues associated with arid and semi-arid regions in Australia (indeed, around the world) can be found in New South Wales. This excursion-based subject takes us as far west as the border with South Australia and as far north as Queensland. We experience semi-arid woodland and mulga scrub, arid shrublands and grasslands, ephemeral floodplains, salt pans and dune country. A core theme of this subject is the fragility of a system typified by low and/or unpredictable rainfall, extreme temperatures, nutrient-poor and skeletal soils, and the adaptations of the associated flora and fauna.

This subject (the 'Great Western') is run every third year (in July session) by the UTS School of the Environment. It is a 14-day excursion in the semi-arid and arid regions of western New South Wales. This block subject is normally taken in the senior stages of the course. It is assumed that students have a thorough knowledge of basic ecology.

Typical availability

July session, City campus

This subject is offered once every three years, alternating with 91371 Forest and Mountain Ecology and 91163 Alpine and Lowland Ecology. It is next offered in July 2015.

Note(s)

Students wishing to enrol in this subject must email a request containing the following information to the School of the Environment administrative assistant:

- their year/level of study
- · course enrolled in
- whether they have undertaken subjects 91371 or 91163.

91371 Forest and Mountain Ecology

6cp; block mode, 13-day field excursion to northern NSW; availability: enrolment is restricted by the availability of space in vehicles; preference is given to third-year environmental science students

Requisite(s): 91110 Experimental Design and Sampling AND 91154 Ecology

Recommended studies: a thorough knowledge of basic ecology

This is an excursion-based subject run by the School of the Environment at UTS. It comprises a 13-day field trip (the 'Great Northern') to the northern New South Wales forests and northwestern woodlands following a chain of hotspot volcanoes along the Great Dividing Range. This field trip alternates on a three-year rotation with 91163 Alpine and Lowland Ecology (the 'Great Southern') and 91370 Semi-arid Ecology (the 'Great Western').

The Great Dividing Range is Australia's most distinctive topological feature, running from the northernmost to southernmost points of the eastern edge of the continent. The range is the source of major ecological gradients longitudinally (along the range) and latitudinally (across the range). The field trip goes along the range from Sydney to the Queensland border, before crossing west over the range. The curriculum framework is the ecological change associated with these two gradients along and across the range. The core content focuses on the climatic and geological drivers of ecological processes characteristic of different regions along the chain of mountains formed by hotspot volcanoes. When following this mountain chain, students learn about the many different forest types, along with their associated fauna and aquatic systems, and observe how these change as they progress from cooler temperate to sub-tropical rainforests to open woodland systems. Students experience firsthand the environmental processes along these two gradients, where rainfall, or lack thereof, and soil properties are key to shaping species diversity and distribution.

Typical availability

December session, City campus

The mode of this subject is excursion-based.

91400 Human Anatomy and Physiology

6cp; 6hpw

Requisite(s): 91161 Cell Biology and Genetics

These requisites may not apply to students in certain courses. See access conditions.

This subject describes the anatomy (structure) and physiology (function) of the healthy human body. Lectures are complemented by a supportive practical/tutorial program. The content includes: homeostasis; the anatomical organisation of the body and anatomical terms; the structure and function of: the blood, the cardiovascular, circulatory systems, musculoskeletal system, endocrine, nervous, respiratory, gastrointestinal and urinary systems and human reproduction. Development of report writing and practical skills is also part of the subject.

Typical availability

Spring semester, City campus

91401 Introductory Haematology and Immunology

6cp; 5hpw

Requisite(s): 91400 Human Anatomy and Physiology

This subject is designed to introduce the basic concepts of haematology and immunology. The cells of the blood, bone marrow and immune tissues are studied in detail with regard to their identification, morphology and function. The development of these cells (haematopoesis) and their role in haemostasis and immune function is investigated. Students are also introduced to haematological diseases and the significance of haematological changes in disease. The study of immune function is structured in such a way that it follows the course of an immune response, from initial non-specific reactions to the development of adaptive responses and immunological memory. Emphasis is given to the basic concepts that underlie the recognition of foreignness and the response to infection.

The practical sessions introduce students to the variety of haematological and immunological techniques used in pathology and research laboratories.

Typical availability

Spring semester, City campus

91402 Anatomical Pathology

6cp; 5hpw

Requisite(s): 91400 Human Anatomy and Physiology AND 91500 Histology

These requisites may not apply to students in certain courses. See access conditions.

This subject builds on 91500 Histology and provides a basic knowledge of disease processes, the body's responses to them, and the light microscopic appearance of diseased tissues; and general pathology. Students then move on to special pathology and examine the major organ systems, learning about organ specific diseases which affect these systems. Various histochemical methods already learned are used to demonstrate pathological tissue changes that occur during disease development. This is all integrated to present an understanding of disease, its histological appearance and the laboratory staining techniques used to investigate structural tissue changes that occur in disease states and aid histopathological diagnosis.

Typical availability

Spring semester, City campus

91403 Medical Imaging

6cp; 4hpw

Requisite(s): 68041 Physical Aspects of Nature OR 68101 Foundations of Physics OR 68037 Physical Modelling

These requisites may not apply to students in certain courses. See access conditions.

This subject provides advanced understanding of medical imaging technology and practice. It covers an examination of the role and effectiveness of clinical imaging, an overview of generic characteristics, and a detailed examination of specific imaging modalities: conventional x-rays, ultrasound, computed tomography, nuclear medicine, and magnetic resonance imaging. The subject includes lectures, seminars, practicals, workshops, and a visit to an imaging facility or guest lecture by an imaging specialist.

Typical availability

Autumn semester, City campus

91429 Physiological Bases of Human Movement

6ср

This subject examines the structure and function of the major systems of the body. It serves as an introduction to life processes in the healthy state and the physiological bases underpinning human movement. Areas of study include: anatomical organisation of the body, anatomical terms, organisation of the cell, osmosis, tissues, nervous system, cardiovascular system, respiratory system, digestive system and metabolism, renal system, and endocrine system.

Typical availability

Autumn semester, City campus

91499 Current Topics in Science and Technology

12cp; approximately 20hpw of self-directed learning

This subject is designed to enhance development of students' ability to undertake a professionally based scientific project. This subject can only be undertaken following prior negotiation on the part of the student with a full-time member of academic staff regarding supervision. Students contribute, in collaboration with their academic and, where relevant, industry supervisor, to the formulation of the project, including planning the work within an appropriate time scale. Students are responsible for appropriate analysis and critical evaluation of the data or information obtained and presentation of their findings in a formal written report.

Students should approach the subject coordinator in the first instance. Before enrolment can be approved, the student and supervisor must provide the subject coordinator with a short written project proposal, including assessment criteria and, where the project involves laboratory or field work, a completed risk assessment form. If laboratory work is involved, the head of school must also approve the project.

Typical availability

Autumn semester, City campus Spring semester, City campus

91500 Histology

6cp; 5hpw

Requisite(s): [91400 Human Anatomy and Physiology AND (65212 Chemistry 2 OR 65022 Chemistry 2A OR 65201 Chemistry 2C]]

This subject teaches the micro-architecture of the human organs and tissues adding to the knowledge base established in the subject Anatomy and Physiology by both showing and describing mammalian tissue structure of all major systems of the human body at the light and electron microscopic levels. Students also learn about tissue fixation and processing for embedding into paraffin blocks for sectioning. They study the theory and practice of basic routine histological staining techniques, which assist and enhance different cellular components on cut tissue sections. These techniques along with microscopy skills and recognition of normal tissue histology comprise the practical component of this subject.

Typical availability

Autumn semester, City campus

91527 Pathophysiology and Pharmacology 3

6ср

Requisite(s): 91529 Pathophysiology and Pharmacology 1 OR 91530 Pathophysiology and Pharmacology 2

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

Together with 91529 and 91530, this subject shares the aim of providing an overview of the pathophysiology and treatment of some commonly occurring disorders of the major body systems. This information is provided in the context of how the disorder affects normal/healthy structure and function and so reinforces prior study of basic anatomy and physiology in healthy individuals. The subject provides students with the capacity to apply pathophysiological knowledge and concepts to acute and chronic care patients in clinical settings. It also extends this framework to areas that are consequences of disease processes, such as fever, impaired wound healing, and inflammation. It also provides the underpinning clinical science of nursing practice in areas including infection control, medication and health promotion.

91528 Health and Homeostasis

6cp

This subject provides the underpinning anatomy and physiology for the subsequent pathophysiology and pharmacology subjects in the Bachelor of Nursing program. Through the guiding principle of homeostasis, this subject describes the contribution the different organ systems make to maintain a state of wellness. It provides points of reference with regard to the activity and structure of individual organs in the person judged to be well (e.g. heart rate, lung volumes and capacity, organ architecture).

91529 Pathophysiology and Pharmacology 1

6ср

This subject provides an introduction to the science and medicine of cardiovascular, respiratory, nervous and endocrine systems (a convenient grouping for major diseases that confront an ageing population). The subject explores fundamental pathophysiology of these body systems and the pharmacology of drugs used in the treatment and management of disease. Throughout the subject, there is an integrated focus on body systems contrasting normal and abnormal and how disease states may be managed therapeutically. The subject concentrates on common major diseases of these body systems which facilitates a comprehensive study of the pathophysiology encountered in these disease states, as well as cementing an understanding of the normal physiology in these body systems including the process of ageing. This is complemented by the study of the treatment and management of these diseases.

- Neuro-endocrine pathophysiology and pharmacology: the pathophysiology of the alterations which occur within the nervous and endocrine systems (including cerebrovascular disorders, altered states of cognition, neurodegenerative disorders, demylenating diseases, motor disorders, spinal injuries, head trauma, the neurochemical imbalances in disorders of mental health, pain, diabetes mellitus, and disorders of hypo-, hyper- and ectopic hormone secretion); the underlying actions of pharmaceuticals used for these disorders.
- Cardiovascular pathophysiology and pharmacology: the pathophysiology of the alterations which occur with the cardiovascular system (including hypertension, atherosclerosis, heart failure) as well as the underlying actions of pharmaceuticals used for these disorders.
- Respiratory pathophysiology and pharmacology: the pathophysiology of the alterations which occur with the respiratory system (including asthma, infections of the upper and lower respiratory tract, COPD) as well as the underlying actions of pharmaceuticals used for these disorders.

91530 Pathophysiology and Pharmacology 2

6ср

Requisite(s): 91529 Pathophysiology and Pharmacology 1 OR 91528 Health and Homeostasis

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject explores fundamental pathophysiology of the gastrointestinal, renal, musculoskeletal and haematological systems and the accompanying management and treatment. This information is provided in the context of how the pathophysiology affects healthy structure and function, and so reinforces basic anatomy and physiology previously studied. Throughout the subject, there is an integrated focus on body systems contrasting normal and abnormal and how disease state may be managed by pharmaceutical surgical, medical and other strategies. The subject focuses on some major diseases which facilitate a comprehensive study of the pathophysiology encountered in these diseases.

91533 Fundamentals of Pathophysiology 3

6cp; 5hpw

Requisite(s): 91531 Fundamentals of Pathophysiology 1 OR 91532 Fundamentals of Pathophysiology 2

This subject is designed to develop an understanding of anatomy, physiology, pathophysiology and the microbiology of the nervous system and the anatomy, physiology and pathophysiology of the endocrine system. Advanced topics on reproductive anatomy, physiology and pathophysiology are also presented. Students also study specific drugs used in the treatment of the systems studied. Diseases acquired parentally are also discussed.

Autumn semester, City campus

91534 Fundamentals of Pathophysiology 4

6cp; 10 wks, 5hpw

Requisite(s): 91531 Fundamentals of Pathophysiology 1 OR 91532 Fundamentals of Pathophysiology 2

This subject has been designed to develop an understanding of the anatomy, physiology, microbiology and pathophysiology of the integumentary, the immune and the haematological systems and the drugs used in the treatment of the systems studied. Students study the cellular transport, metabolism and kinetics of drugs; normal and abnormal cell development; genetics; and cancer: biology, diagnosis and treatment. An introduction to human nutrition is also part of the subject.

Typical availability

Spring semester, City campus

91535 Microscopy and Cytometry

6cp

This subject provides an in-depth understanding of the theoretical principles of modern microscopy and flow cytometry and offers students the opportunity for hands-on use of state-of-the-art research microscopes and flow cytometers at UTS. The subject covers theoretical principles of light microscopy (bright-field and dark-field), fluorescence and epifluorescence, as well as deconvolution and confocal microscopy, and reviews issues in data handling techniques for achieving high resolution and live cell (real-time) imaging. Similarly, the cytometry component focuses on theoretical principles of contemporary multi-laser flow cytometry, including cytometer instrument design and set-up for multicolour flow cytometry. The subject reviews all aspects of sample preparation, safety, and staining techniques, as well as data handing and storage, and extensive data analysis for microscopy and flow cytometry. Practical sessions provide the opportunity to perform both a fixed and a live cell fluorescent microscopy experiment and allows for students to work with their own results data for complex computer analysis and presentation. Results data are then compiled for data analysis, presentation and discussion and finally for a written report presented in such a fashion that is deemed acceptable in a peer reviewed scientific journal.

Typical availability

Summer session, City campus

91536 Proteomics

6cp

Proteomics describes the study of the complete set of proteins (proteome) that is expressed at a given time in a cell, tissue, organ or organism. Modern proteomics involves the integration of a wide range of protein–analytical tools and information technologies to quickly and reliably identify qualitative and quantitative changes in proteins; for example, in the detection of altered protein expression associated with disease. This subject covers leading technologies for sample preparation, protein fractionations, separations and mass spectrometry for protein identification and characterisation.

In the theory component, students are taken through experimental design and data analysis, and the best practice sample preparation technologies for different sample types: micro-organisms, plants, mammalian tissue and fluids. The practical component covers sample preparation, complex mixture fractionation, protein separations and mass spectrometry. Students complete a small lab-based project which requires a publication-style report encompassing data analysis skills.

Typical availability

March session, City campus August session, City campus

91537 Biotechnology Research Project A

12cp

In this subject students undertake a short research investigation under the supervision of a member of academic staff. Students contribute, in collaboration with their UTS supervisor and, where appropriate, an industry or external co-supervisor, to formulating the scope of the research project, including planning the research work. The student is responsible for carrying out the work, including appropriate and critical analysis of the data or information obtained, and writing up their findings in a formal written report (7000–15,000 words approx.)

which includes an introduction to the project, a description of the methods used, a presentation of the results obtained plus any analysis undertaken and a discussion of the results in the context of the relevant literature. They may also be required to present a seminar to other students, staff and industry or external partners.

Due to supervisory and infrastructure constraints, places in this subject are limited and it can only be undertaken with faculty approval. Students should approach their Program Adviser and potential supervisors about project availability in the first instance. A project proposal, written in consultation with, and signed by the proposed supervisor and countersigned by the Program Adviser must be sent to the Master of Science Course Director for formal approval. Where the project involves laboratory or fieldwork, a completed risk assessment form must also be provided with the approval request. Ethics approval is required for certain projects.

91538 Biotechnology Research Project B

12cr

In this subject students undertake a short research investigation under the supervision of a member of academic staff. Students contribute, in collaboration with their UTS supervisor and, where appropriate, an industry or external co-supervisor, to formulating the scope of the research project, including planning the research work. The student is responsible for carrying out the work, including appropriate and critical analysis of the data or information obtained, and writing up their findings in a formal written report (7000–15,000 words approx.) which includes an introduction to the project, a description of the methods used, a presentation of the results obtained plus any analysis undertaken and a discussion of the results in the context of the relevant literature. They may also be required to present a seminar to other students, staff and industry or external partners.

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91539 Biotechnology Research Project

24cp

In this subject students undertake a semester-long research investigation under the supervision of a member of academic staff. Students contribute, in collaboration with their UTS supervisor and, where appropriate, an industry or external co-supervisor, to formulating the scope of the research project, including planning the research work. This project is equivalent in level to those undertaken by honours and research master's students. The student is responsible for carrying out the work, including appropriate and critical analysis of the data or information obtained, and writing up their findings in a formal written report (10,000–20,000 words approx.) which includes an introduction, which sets the project in the context of the literature, a description of the methods used, a presentation of the results obtained plus any analysis undertaken and a discussion of the results in the context of the relevant literature. They may also be required to present a seminar to other students, staff and industry or external partners.

Due to supervisory and infrastructure constraints, places in this subject are limited and it can only be undertaken with faculty approval. Students should approach their Program Adviser and potential supervisors about project availability in the first instance. A project proposal, written in consultation with, and signed by the proposed supervisor and countersigned by the Program Adviser must be sent to the Master of Science Course Director for formal approval. Where the project involves laboratory or fieldwork, a completed risk assessment form must also be provided with the approval request. Ethics approval is required for certain projects.

91540 Climate Change and Ecological Modelling

6ср

Climate change and climate variability have significant impacts on natural and social systems of vegetation, water and industry. Modelling of environmental systems, including climate, provides means for prediction of climate regimes, evaluation of possible impacts of climatic change and optimisation of natural resources management in climate change adaptation and mitigation strategies.

This subject aims to develop students' knowledge of climate change science, techniques of data analysis and process simulation, which enhances their ability to evaluate and use a range of models and model frameworks to understand and research specific environmental issues.

This subject introduces students to modelling of environmental systems and, in particular, the principles associated with developing and using climate and ecological models. The physical basis of the climate system is introduced and factors affecting climatic change are addressed. Students build their knowledge of the physical aspects of the climate system as well as associated biogeochemical cycles (carbon and nitrogen cycling) and ecohydrology. The subject presents the concept of systems science and basic mathematical modelling techniques suited to environmental processes. Topics covered include: climate sensitivity; model evaluation; simulation of plant photosynthesis; ecosystem production; carbon cycle and carbon sequestration; water resources; and land surface processes. Through project-based work, students become familiar with relevant software and representative models.

Typical availability

March session, City campus August session, City campus

91541 Monitoring Ecological Variability

6ср

With increasing threats and pressure being exerted on the environment and its land and freshwater resources, societal demands for more quantitative, timely and accurate information on the functioning and sustainability of ecosystems have become prominent. There is a recognised need for long-term monitoring studies and protocols for evaluating environmental change and for improved understanding and management of complex environmental systems. Monitoring is fundamental for detecting and evaluating changes in ecosystem structure and function, and for evaluating landscape response to disturbances such as climate change, natural disasters or certain land management practices.

This subject aims to introduce students to ecological monitoring for characterisation of landscape dynamics including: vegetation-climate studies with long-term time series data sets; radiation, carbon and water studies; the seasonality and phenology of ecosystems; environmental health; and biodiversity, fire and disturbance. This subject emphasises multi-scale monitoring programs from plot-level and tower-based measurements to remote sensing, and assesses existing national and international ecological monitoring programs. Topics and practicals cover global climate change, time series analysis (anomalies and trends), and mapping and monitoring of the temporal dynamics of landscapes and freshwater environments on local, regional and global scales.

Typical availability

Summer session, City campus

91542 Principles of Contaminated Site Assessment

6ср

For subject description, contact UTS: Science.

91543 Evaluation of Contaminant Effects

6ср

For subject description, contact UTS: Science.

91544 Environment Risk Assessment and Remediation

6ср

For subject description, contact UTS: Science.

91545 Environment Research Project A

12cp

In this subject students undertake a short research investigation under the supervision of a member of academic staff. Students contribute, in collaboration with their UTS supervisor and, where appropriate, an industry or external co-supervisor, to formulating the scope of the research project, including planning the research work. The student is responsible for carrying out the work, including appropriate and critical analysis of the data or information obtained, and writing up their findings in a formal written report (7000–15,000 words approx.) which includes an introduction to the project, a description of the methods used, a presentation of the results obtained plus any analysis

undertaken and a discussion of the results in the context of the relevant literature. They may also be required to present a seminar to other students, staff and industry or external partners.

Due to supervisory and infrastructure constraints, places in this subject are limited and it can only be undertaken with faculty approval. Students should approach their Program Adviser and potential supervisors about project availability in the first instance. A project proposal, written in consultation with, and signed by the proposed supervisor and countersigned by the Program Adviser must be sent to the Master of Science Course Director for formal approval. Where the project involves laboratory or fieldwork, a completed risk assessment form must also be provided with the approval request. Ethics approval is required for certain projects.

Typical availability

Autumn semester, City campus Spring semester, City campus

91546 Environment Research Project B

12cp

In this subject students undertake a short research investigation under the supervision of a member of academic staff. Students contribute, in collaboration with their UTS supervisor and, where appropriate, an industry or external co-supervisor, to formulating the scope of the research project, including planning the research work. The student is responsible for carrying out the work, including appropriate and critical analysis of the data or information obtained, and writing up their findings in a formal written report (7000–15,000 words approx.) which includes an introduction to the project, a description of the methods used, a presentation of the results obtained plus any analysis undertaken and a discussion of the results in the context of the relevant literature. They may also be required to present a seminar to other students, staff and industry or external partners.

Due to supervisory and infrastructure constraints, places in this subject are limited and it can only be undertaken with faculty approval. Students should approach their Program Adviser and potential supervisors about project availability in the first instance. A project proposal, written in consultation with, and signed by the proposed supervisor and countersigned by the Program Adviser must be sent to the Master of Science Course Director for formal approval. Where the project involves laboratory or fieldwork, a completed risk assessment form must also be provided with the approval request. Ethics approval is required for certain projects.

Typical availability

Spring semester, City campus Summer session, City campus

91547 Environment Research Project

24cp

In this subject students undertake a semester-long research investigation under the supervision of a member of academic staff. Students contribute, in collaboration with their UTS supervisor and, where appropriate, an industry or external co-supervisor, to formulating the scope of the research project, including planning the research work. This project is equivalent in level to those undertaken by honours and research master's students. The student is responsible for carrying out the work, including appropriate and critical analysis of the data or information obtained, and writing up their findings in a formal written report (10,000–20,000 words approx.) which includes an introduction, which sets the project in the context of the literature, a description of the methods used, a presentation of the results obtained plus any analysis undertaken and a discussion of the results in the context of the relevant literature. They may also be required to present a seminar to other students, staff and industry or external partners.

Due to supervisory and infrastructure constraints, places in this subject are limited and it can only be undertaken with faculty approval. Students should approach their Program Adviser and potential supervisors about project availability in the first instance. A project proposal, written in consultation with, and signed by the proposed supervisor and countersigned by the Program Adviser must be sent to the Master of Science Course Director for formal approval. Where the project involves laboratory or fieldwork, a completed risk assessment form must also be provided with the approval request. Ethics approval is required for certain projects.

91548 Forensic Biology Research Project A

12cp

In this subject students undertake a short research investigation under the supervision of a member of academic staff. Students contribute, in collaboration with their UTS supervisor and, where appropriate, an industry or external co-supervisor, to formulating the scope of the research project, including planning the research work. The student is responsible for carrying out the work, including appropriate and critical analysis of the data or information obtained, and writing up their findings in a formal written report (7000–15,000 words approx.) which includes an introduction to the project, a description of the methods used, a presentation of the results obtained plus any analysis undertaken and a discussion of the results in the context of the relevant literature. They may also be required to present a seminar to other students, staff and industry or external partners.

Due to supervisory and infrastructure constraints, places in this subject are limited and it can only be undertaken with faculty approval. Students should approach their Program Adviser and potential supervisors about project availability in the first instance. A project proposal, written in consultation with, and signed by the proposed supervisor and countersigned by the Program Adviser must be sent to the Master of Science Course Director for formal approval. Where the project involves laboratory or fieldwork, a completed risk assessment form must also be provided with the approval request. Ethics approval is required for certain projects.

91549 Forensic Biology Research Project

24cr

In this subject students undertake a semester-long research investigation under the supervision of a member of academic staff. Students contribute, in collaboration with their UTS supervisor and, where appropriate, an industry or external co-supervisor, to formulating the scope of the research project, including planning the research work. This project is equivalent in level to those undertaken by honours and research master's students. The student is responsible for carrying out the work, including appropriate and critical analysis of the data or information obtained, and writing up their findings in a formal written report (10,000–20,000 words approx.) which includes an introduction, which sets the project in the context of the literature, a description of the methods used, a presentation of the results obtained plus any analysis undertaken and a discussion of the results in the context of the relevant literature. They may also be required to present a seminar to other students, staff and industry or external partners.

Due to supervisory and infrastructure constraints, places in this subject are limited and it can only be undertaken with faculty approval. Students should approach their Program Adviser and potential supervisors about project availability in the first instance. A project proposal, written in consultation with, and signed by the proposed supervisor and countersigned by the Program Adviser must be sent to the Master of Science Course Director for formal approval. Where the project involves laboratory or fieldwork, a completed risk assessment form must also be provided with the approval request. Ethics approval is required for certain projects.

91550 Forensic Biology Research Project B

12cp

In this subject students undertake a short research investigation under the supervision of a member of academic staff. Students contribute, in collaboration with their UTS supervisor and, where appropriate, an industry or external co-supervisor, to formulating the scope of the research project, including planning the research work. The student is responsible for carrying out the work, including appropriate and critical analysis of the data or information obtained, and writing up their findings in a formal written report (7000–15,000 words approx.) which includes an introduction to the project, a description of the methods used, a presentation of the results obtained plus any analysis undertaken and a discussion of the results in the context of the relevant literature. They may also be required to present a seminar to other students, staff and industry or external partners.

Due to supervisory and infrastructure constraints, places in this subject are limited and it can only be undertaken with faculty approval. Students should approach their Program Adviser and potential supervisors about project availability in the first instance. A project proposal, written in consultation with, and signed by the proposed supervisor and countersigned by the Program Adviser must be sent to the Master of Science Course Director for formal approval. Where the project involves laboratory or fieldwork, a completed risk assessment form must also be provided with the approval request. Ethics approval is required for certain projects.

91551 Ecohydrology and Climate Change

6ср

Ecohydrology is the study of the relationships between weather, climate, vegetation structure and vegetation function and water in terrestrial landscapes. In particular the study of ecohydrology requires an understanding of the physiology and ecophysiology of plants, micro-meteorology and hydrology. This subject expands students' understanding of plant physiology and ecophysiology and applies an ecohydrological perspective to understanding landscape behavior and function. It also explores how climate change may affect landscape ecohydrology across Australia. The subject examines groundwater dependent ecosystems, dryland salinity, the measurement and analyses of water and carbon fluxes above woodlands and forests and the impact of climate change on C and water fluxes of terrestrial biomes.

91604 Introductory Pharmacology and Microbiology

6cp; 5hpw; availability: Faculty of Health students only

This subject is divided into two components and provides the introductory principles governing drug action and microbial infections. Lectures are complemented by a tutorial/practical program that emphasises the clinical nature of the subject and develops lecture material using a variety of experimental and case study approaches.

Microbiology: This section of the subject covers the biology of the main groups of micro-organisms, concepts of normal flora, opportunistic pathogens, and microbial infections acquired via gastrointestinal, urinary, respiratory, and the genital tracts. Several key topics in the study of microbiology are also discussed including sources and modes of transmission of micro-organisms, factors determining microbial virulence, and prevention of hospital acquired infections. Additional topics include the epidemiology of infectious diseases, susceptible population groups, isolation procedures, and the collection and transport of microbiological specimens.

Pharmacology: This section of the subject introduces the concepts of potency, drug/receptor interactions, agonists and antagonists and provides some introductory concepts of pharmacokinetics. Other key topics include the site and mechanism of action of drugs affecting the cardiovascular system, anti-inflammatory drugs, analgesics, antimicrobials and drugs used in the treatment of asthma.

Typical availability

Spring semester, City campus

91610 Medical Classics and the History of Chinese Medicine

6ср

This subject studies the development of traditional Chinese medicine (TCM) in the west as well as its theoretical structure and influence on the holistic approach to healing and preventative therapy. The focus is on some of the more complex theories arising from the classical literature and the ethics, both ancient and modern, that are embedded in the practice of TCM. Traditional Chinese medicine is firmly based on a 2000-year-old body of classical medical writing, and some of the landmark texts are still relevant to today's practitioners. The interpretation of such ancient writings is the study of a lifetime. This subject introduces students to a detailed study of the major original writings on many aspects of Chinese herbal medicine and acupuncture theory, which they have studied in previous theory and practice subjects and may implement in clinical practice.

Typical availability

Spring semester, City campus

91611 Clinical Practicum (Therapy and Diagnosis)

6ср

Requisite(s): 99646c Clinic Level 5 and Acupuncture Microsystems

This is a pre-clinical subject designed to prepare the student to undertake the responsibilities of a practitioner while under clinical supervision in the UTS TCM (traditional Chinese medicine) clinic. All previous subject material related to herbal, organ and acupuncture channel diagnostics; tongue and pulse diagnostics; establishment of treatment principles; selection of acupuncture or herbal scripts with rationale; and examination of treatment outcomes is reviewed and assessed by means of tutorials, practical workshops and exams, as well as a final pre-clinical examination.

Typical availability

Spring semester, City campus

91612 Chinese Medical Classics

6ср

Traditional Chinese Medicine (TCM) is firmly based on a 2000-year-old body of classical medical writing. This subject examines some of the major landmark texts of TCM that are still relevant to today's practitioners. The interpretation of such ancient writings is the study of a lifetime but this subject introduces students to the original writings on many aspects of TCM theory with which they have studied in previous theory and practice subjects.

Typical availability

Spring semester, City campus

91613 Professional Issues in Traditional Chinese Medicine

6ср

This subject acquaints the student with the current requirements for the private practice of traditional Chinese medicine (TCM). The subject is split into two modules and features guest speakers in addition to the standard lectures. Module A focuses on current research, integration with Western medicine, legal and safety professional issues and examines the development of TCM within a worldwide framework. Module B delves into the principles and practice of running a business, its finances, recordkeeping, reporting, taxation obligations, etc. The subject also encourages students to individually pursue areas of personal interest and research, and to see themselves as part of the wider health care community.

Typical availability

Spring semester, City campus

91614 Evaluating TCM: Theory, Practice and Research 1

6cn

Requisite(s): 99647 Clinic Level 6

This subject provides the essential grounding of material necessary for progressing into Evaluating TCM: Theory, Practice and Research 2 (91615). Both subjects are designed to enable the student to develop a solid grasp of the research process in acupuncture, Chinese medicine and the health sciences. The subject also further develops learners' critical thinking skills and their ability to apply this to clinical practice environments and the relevant research literature. Student interest is engaged and encouraged towards an appreciation of the relevancy of and need for research into the health professions, clinical practice and acupuncture and Chinese medicine. Together, both subjects provide an important foundation for students considering further development of their critical thinking skills through formalised learning pathways in honours, masters (by research) or doctorate research programs. Equally, the subjects provide students with the knowledge, skills and capabilities to engage in evidence-based approaches and evaluations of their own clinical practice and inquiry-oriented approach to clinical assessment and evaluation.

Typical availability

Autumn semester, City campus

91615 Evaluating TCM: Theory, Practice and Research 2

6cp; 8hpw

Requisite(s): 91607 Research Methods 1 (Acupuncture) OR 91614 Evaluating TCM: Theory, Practice and Research 1

This subject builds on material provided in the requisite subject. It enables the student to have a solid grasp of the research process in acupuncture and the health sciences, thereby encouraging the ability to be a lifelong learner. As such, it is an important foundation for students undertaking postgraduate studies. The subject also further develops learners' critical thinking skills and their ability to apply this to clinical practice environments and the relevant research literature. Student interest is engaged and encouraged towards an appreciation of the relevancy of and need for research into the health professions, clinical practice and acupuncture and Chinese medicine. Together, this subject and its requisite subject provide an important foundation for students considering further development of their critical thinking skills through formalised learning pathways in honours, masters (by research) or doctorate research programs. Equally, the subjects provide students with the knowledge, skills and capabilities to engage in evidence-based approaches and evaluations of their own clinical practice and inquiry-oriented approach to clinical assessment and evaluation.

Typical availability

Spring semester, City campus

91703 Physiological Systems

6cn: 4hnv

Requisite(s): 91400 Human Anatomy and Physiology OR 91702 Medical Science 2

This subject extends the knowledge and understanding of cellular elements of the body and of certain body organ systems that were introduced in the subjects 91701 Medical Science 1 and 91702 Medical Science 2. It provides an understanding of cell membrane transport processes and how these principles apply to the body; the importance of ion channels generally in cell physiology and the application of ion channels to nanotechnology; the role of ion channels in the physiology of the cardiovascular system; and mechanisms of fluid secretion in the kidneys and regulation of extracellular fluid composition and volume. The subject encourages students to be active learners.

Typical availability

Autumn semester, City campus

91705 Medical Devices and Diagnostics

6cp; 4hpw

Requisite(s): (91400 Human Anatomy and Physiology OR 91702 Medical Science 2) AND (68041 Physical Aspects of Nature OR 68101 Foundations of Physics OR 68037 Physical Modelling) These requisites may not apply to students in certain courses. See access conditions.

This subject provides an introduction to the principles of operation and use of typical devices encountered in medical practice. Specific emphasis is given to fundamental principles underpinning implantable devices including biomaterials, biocompatibility and device design. Transduction techniques, such as pressure, internal voltage signals, temperature, sound, fluid volumes, and light as applied in the measurement of blood pressure, cardiac output, ECG, body temperature, respiratory volumes and capacities and blood oxygen saturation, are discussed. Principles of active stimulation of various organs such as heart, nervous tissue and muscle are also taught. Fundamental imaging principles relevant to medical imaging modalities such as ultrasound, X-ray, CT and endoscopy are also presented. An overview of the medical device regulatory framework is explored.

Typical availability

Spring semester, City campus

91706 Neuroscience

6cp; 5hpw

Requisite(s): ((27111 Mechanics of Human Motion AND 27180 Functional Kinesiology AND 91429 Physiological Bases of Human Movement) OR 91703 Physiological Systems)

This subject provides an advanced understanding of the physiological basis of the nervous system. It advances physiological subjects by providing an in-depth study of neuroscience. It covers physiology of excitable tissue and introductory neurochemistry; synaptic transmission and neurotransmitter systems, and functions of the nervous system. The subject also provides an understanding of the sensory system, and smell and taste and the brain, chemical control of the brain and behaviour, sleep, emotion and memory systems and learning, and disease states such as schizophrenia and mental illness. Emphasis is placed on student participation as active learners, for example in presentation of seminars and tutorial group participation.

Typical availability

Autumn semester, City campus

91707 Pharmacology 1

6cp; 6hpw (average)

Requisite(s): (91703 Physiological Systems AND (91161 Cell Biology and Genetics OR 91313 Biomolecules: Structure and Function)) These requisites may not apply to students in certain courses. See access conditions.

This subject provides the introductory principles governing drug and xenobiotic action to be developed further in the subject Pharmacology 2. It is designed to foster a problem-solving approach to pharmacology with particular emphasis on applying molecular pharmacology concepts to pathophysiological problems. Major objectives are to develop the concepts of dose response relationships and the specificity of drug action. Topics covered include: therapeutic index and the concept of selective toxicity; chemical neurotransmitters, ion channels and receptors as determinants of drug action in the

central and peripheral nervous systems; and clinical efficacy of the major pharmacology drug classes used in the treatment of pathophysiological processes involving the nervous system. Lectures are complemented by a tutorial/practical program which emphasises the clinical nature of the subject and develops lecture material using a variety of experimental, tutorial, and computer-simulation approaches.

Pharmacology is the biomedical discipline that is involved with studying the effects of drugs on living systems. Effects of drugs can be measured at the molecular level through to intact living organisms. It is a relatively new discipline that is closely related to physiology and biochemistry although other biological sciences, such as zoology, pathology, microbiology, psychology, immunology, etc., are relevant to it. Conversely, pharmacology can often contribute significantly to these subjects. Chemical considerations are also involved in such aspects of pharmacology as the relationship between structure and activity and the physicochemical properties of drugs which affect their distribution in the body and their mode of action.

Until recently, the more therapeutic aspects of pharmacology have been the principal concern of pharmacologists, that is, drugs were primarily studied in the hope of obtaining knowledge that might lead to the better treatment of disease and to the better understanding of physiological processes. However, in recent years considerations of public health have become increasingly involved with pharmacological matters. This is in part due to the great increase in the use and abuse of drugs, both by self-medication and by prescriptions. Among other consequences, this has brought about a rise in the incidence of unwanted side-effects, especially when mixtures of drugs are used. It has also become increasingly apparent in recent times that the whole earth is becoming contaminated by chemicals such as pesticides, which are deliberately distributed, and also by waste products from numerous industrial processes. Some of these substances have lasting deleterious effects on biological processes, thus their study properly involves a branch of pharmacology known as toxicology. As well as the contaminations directly due to human activity, there are also toxic substances originating from other living organisms and these too are important aspects of toxicology. Toxicology is involved in studying these adverse effects of drugs and toxins on living systems. Within pharmacology there are also numerous subdisciplines (e.g. molecular pharmacology, chemotherapy, neuropharmacology, etc.).

It is important that there should be as many informed people as possible throughout the community, not just health and medical workers, if these problems are to be assessed accurately and dealt with efficiently. A study of pharmacology therefore is a desirable part of any general education and is especially relevant to those intending to pursue careers in teaching, law, local government and many scientific occupations. For this reason, this subject is directed not only towards training specialist pharmacologists but also aims at providing a broad education about drugs / chemicals that may affect living organisms. In order to do this, the fundamental principles of pharmacology must be fully understood before the applied aspects of drug action can be discussed.

Typical availability

Autumn semester, City campus

91708 Medical and Applied Physiology

6cp; 6hpw

Requisite(s): 91703 Physiological Systems

This subject builds on material provided in the prerequisite subject. It provides the student with an understanding of aspects of medical and applied physiology with emphasis on the underlying physiological mechanisms and their implications for medicine. The subject encourages students to evaluate the connections between human physiology and health outcome. The teaching material covers applied and medical physiology of areas such as brain function and disorders, medical imaging, cardiac and muscle activity, biofeedback, drugs and alcohol, temperature regulation, exercise physiology, hereditary disease, fatigue and eye and other related areas. A labbased experiment conducted by students provides a practical view of physiological mechanisms and measurements.

Typical availability

Spring semester, City campus

91709 Pharmacology 2

6cp; 6hpw

Requisite(s): 91707 Pharmacology 1

These requisites may not apply to students in certain courses. See access conditions.

This subject develops and extends the principles governing drug and xenobiotic action covered in 91707 Pharmacology 1. It is designed to foster a problem-solving approach to pharmacology with particular emphasis on applying molecular pharmacology concepts to pathophysiological problems. The objectives are to further develop the concept of receptors as cellular determinants of drug and xenobiotic action and to develop the concepts of modulated receptors and ion channels in determining drug action. We examine selective toxicity in the treatment of microbial, viral and protozoal infections as well as toxicokinetic factors, defense mechanisms, cellular reactivity, receptors and binding sites as determinants of target organ toxicity. The clinical efficacy of the major pharmacology drug classes used in the treatment of cancer, affective and psychotic illnesses, cardiovascular disease, lipid disorders, blood disorders, diabetes, peptic ulcers, nausea and vomiting, and disorders of the respiratory and musculoskeletal systems are examined. In addition, the abuse of drugs is examined including tobacco, alcohol, CNS stimulants, psychotomimetics and the mechanisms underlying drug dependence, including treatment of drug overdose and antidotal therapy in the context of clinical toxicology. Lectures are complemented by a tutorial program which emphasises the clinical nature of the subject and develops lecture material using a variety of tutorial and case-study approaches.

Typical availability

Spring semester, City campus

91774 Master of Science Thesis

Оср

For subject description, refer to the Master of Science (by research) (C03029) (see page 490).

Typical availability

Autumn semester, City campus Spring semester, City campus

92014 Role Transition and Professional Identity

6cp; lectures: 2hpw laboratories: 2hpw Undergraduate

In this subject, students examine the registered nurse (RN) role and compare and contrast this role with other categories of health worker in varying contexts of practice. The subject places particular emphasis on addressing the developmental needs of enrolled nurses (EN) as they begin their educational transition to becoming a RN. Aspects explored include frameworks for clinical judgment and decision-making, intra and interprofessional health care and learning, political awareness and self-development and lifelong learning. Necessary components such as: developing a professional attitude in the RN role, knowledge about professional nursing standards, role definition; and quality and safety provide sound scaffolding to enable clinical leadership. The concept of reflection is explored and forms part of the assessment. This subject outlines the transition of nursing as a profession and explores the forces that have shaped, and continue to shape nursing practice as a collaborative professional endeavour. At the core of the subject is the view that a 'professional disposition' articulates with all subjects and that successful transition to a professional practitioner is optimised by this characteristic. Career planning and personal record keeping is introduced to facilitate this process.

Typical availability

Autumn semester, Kuring-gai campus

92015 Fundamentals of Mental Health Nursing (Graduate Entry)

6cp; lectures and laboratories (blended): 4hpw, 160 clinical hours Requisite(s): 92017 Health Assessment and Nursing Therapeutics There are also course requisites for this subject. See access conditions.

Undergraduate

Students explore a range of issues related to the promotion of health and the nursing care of people in need of mental health care, the impact for their families and carers, and the importance of mental health nursing in all health care settings including inpatient and community-based services. The knowledge, attitudes and skills

required for contemporary mental health nursing practice - such as interpersonal skills to build and maintain therapeutic relationships, assessment processes, therapeutic interventions, development of partnerships with consumers in their recovery, inter-professional collaboration and reflective practice - are explored. Mental health nursing practice that places the consumer at the centre of all mental health services is a key feature of this subject.

Typical availability

Spring semester, Kuring-gai campus

92016 Workshops for Practice Readiness (Graduate Entry)

6cp; workshops: 6 weeks x 5hpw Undergraduate

This subject focuses on a number of discrete, interdependent and foundational nursing issues that have been identified as particularly challenging and important to beginning practice and learning as a student nurse. These issues are explored through workshops which allows students to gain knowledge in each topic area and actively use this knowledge in the workshop situation to build meaning, understanding and connection through guided experiential immersion in inquiry-based activities. This subject is aimed at strengthening core literacies related to practice readiness which include: interpersonal skills, intrapersonal knowledge, quality and safety awareness, behavioural management skills; dealing with challenging behaviours such as anxiety, anger and grief, leadership, self awareness and self concept, and the assessment and management of withdrawal from alcohol and other drugs.

Typical availability

Spring semester, Kuring-gai campus

92017 Health Assessment and Nursing Therapeutics

6cp; 4hpw (blended), laboratories: 9hpw Undergraduate

This subject focuses on assisting students to understand the role of the registered nurse and the way in which nursing care is planned and delivered in Australia. Students are introduced to nursing as a patient-centred therapeutic process and a skilled activity that aims to promote and maintain health in primary and acute care. Nursing is considered within a trans-disciplinary framework and emphasis is placed on comprehensive patient health assessments, promoting and maintaining health by encouraging and reinforcing positive health practices and preventing health breakdown through early detection and intervention. After the completion of this subject students have developed the knowledge and skills to identify patient needs, provide essential nursing care safely, and begun to understand actual and potential problems that can be experienced by patients. Students explore elective and emergency clinical presentations and propose and implement appropriate evidence-based interventions. Skills in prioritisation, effective verbal and written communication, clinical decision-making and an introduction to nursing leadership is incorporated. This subject facilitates a smooth transition into the program of study that follows.

Typical availability

Autumn semester, Kuring-gai campus

92018 Building Resilience in Mothers and Midwives

6ср

Postgraduate

This subject focuses on the concept of resilience and provides midwives with the knowledge and skills needed to promote emotional well-being in childbearing women as well as themselves and their colleagues. Resilience is the capacity to bounce back or respond to adversity. In this subject the student develops a greater appreciation of emotional/mental health issues affecting midwives, childbearing women and families, the impact of personal communication, and the impact of programs such as Mindfulness Based Stress Reduction and Mindfulness Based Cognitive Therapy. Students are provided with opportunities to personally experience a range of evidencebased strategies such as Mindfulness that have been demonstrated to positively affect well-being and contribute to personal resilience. Evidence demonstrating that the skills of meditation and compassion effectively enhance the care we can offer will be explored as powerful antidotes to compassion fatigue and burnout. The underlying neural basis of the effects of mindfulness will also be explored. Through an emerging and/or increasing awareness of mindful midwifery practice,

students will develop a greater appreciation of how to create and nurture resilience in themselves and their colleagues and in families that have not yet been able to acquire it.

Typical availability

Autumn semester, City campus

92019 Contemporary Clinical Midwifery Practice

6cp; mixed mode and half-day workshops, supported by online learning

Postgraduate

This is a self-directed subject that provides students with an opportunity to undertake an in-depth exploration of a specific clinical practice topic. The subject requires students to expand their clinical and professional knowledge and extend and refine their practice. Learning experiences are directed to the provision of care, the clinical environment and services, professional responsibility, leadership, and collaboration and problem solving. Students work with the coordinator of the subject to choose a relevant practice issue, develop learning objectives and design a program of work that meets their individual learning needs.

Typical availability

Autumn semester, City campus

92020 Midwifery in Context

6cp; mixed mode and four workshop days, supported by online learning

Postgraduate

This subject seeks to engage students in a critical analysis of the historical and current maternity health care issues, in particular those that impact on midwifery globally. The subject introduces the student to the social, political, cultural and economic imperatives that drive maternity services. It critically examines these factors, exploring their impact on the role of the midwife within both the international and national context. In so doing the subject aims to shift students' awareness from the details of day-to-day work to the larger issues of professionalism, leadership, advocacy and the development of midwifery practice.

Typical availability

Autumn semester, City campus

92021 Perinatal Mental Health

6ср

Postgraduate

Perinatal mental health practice is based on a population health approach to enable mental health promotion activities and the early recognition of protective and risk factors that impact on women and their family's mental health during pregnancy and the first year after birth. Skills in perinatal mental health assessment are developed and refined. Students explore best practice approaches for the management of perinatal mental health and illness. Importantly students gain the skills to critically discuss community perceptions about perinatal mental health. Perinatal mental health is explored using understandings of cultural constructs.

Typical availability

Spring semester, City campus

92022 Improving Quality and Safety in Health Care

6cp; 4 days block

This subject covers the essential knowledge that health service practitioners and managers need concerning risk management, quality and safety. This content includes:

- the origin of risk and its management from a human factors and health systems perspective
- clinical governance and incident monitoring, analysis, investigation and reporting systems and processes
- team-based, personal and interpersonal skills in open disclosure, cultural awareness patient and family engagement and organisational communication
- legal, regulatory and professional requirements.

An emphasis is placed on risk management and continuing practice improvement linking the theory of risk management and patient safety with their application in workplace and health service settings.

The subject is taught online and in block mode using a variety of teaching methods such as class exercises around set readings, formal lectures, guest lecturers, student presentations and workshops in small groups.

92023 Health Services Resource Management

6ср

This subject is designed to equip students with the skills necessary to manage financial and other resources within the health care system in Australia. It develops students' abilities to understand and apply financial information in making business decisions and assessing the performance of health service organisations. It is structured for students with minimal knowledge of technical accounting.

The subject is targeted at resource management practices common within the public and private health systems in Australia, however, the principles underlying the content are applicable to the management of resources in health services in other countries and systems. The subject is taught in block mode supplemented with online assignments, online access to extensive notes and exercises. Students are allocated to online study groups where contribution forms part of the subject assessment.

92024 Medical Surgical Nursing (Graduate Entry)

6cp; lecture: 2hpw (blended), laboratory: 2hpw (blended), 160 clinical hours

Requisite(s): 92017c Health Assessment and Nursing Therapeutics There are also course requisites for this subject. See access conditions.

Undergraduate

In this subject, students develop their understanding and application of nursing processes with increasing emphasis on effective critical reasoning and sound judgment. The focus of learning is on the nursing management of adults admitted to tertiary-care facilities with acute episodic medical-surgical conditions. Students analyse and apply their knowledge and problem-solving skills to clinical case scenarios based on commonly encountered medical-surgical problems, which includes further development of the scenarios introduced in 92017 Health Assessment and Nursing Therapeutics. Nursing competencies are reinforced and relevant nursing skills strengthened and extended including: vital signs and neurological observations, infection control, administration of parenteral medications, generic surgical nursing practice, complex wound care, pain assessment and management, fluid and electrolyte replacement, enteral nutrition and urinary catheterisation. Students are exposed to simulated and scenariobased emergency situations and are guided to develop appropriate evidence-based, patient-focused responses. Quality and safety in health care is introduced as a preparation for practice and all learning experiences focus on providing safe and effective care to individuals and families.

Typical availability

Autumn semester, Kuring-gai campus

92025 Fundamentals of Mental Health Nursing (Enrolled Nurse Entry 1)

6cp; lectures and workshops (blended): 4hpw, 80 clinical hours Undergraduate

This subject begins by examining theories of psychology, health psychology, sociology and life transition as they relate to mental health and wellbeing. Concepts of stress, coping and adaptation are introduced and the influence of values, beliefs, attitudes and attributions on perceptions of health, illness and methods of bringing about changes in health behaviour are presented. Students explore the epidemiology of mental illness in NSW. A number of issues related to mental health nursing are considered from an registered nurse (RN) perspective including the nursing care of people in need of mental health care, the impact for their families and carers, the importance of mental health nursing in all health care settings including inpatient and community-based services, and the knowledge, attitudes and skills required for contemporary mental health practice. Mental health nursing practice that places the consumer at the centre of all mental health services is a key feature of this subject.

Typical availability

Spring semester, Kuring-gai campus

92050 Policy, Power and Politics in Health Care

6cp; intensive Postgraduate

This subject covers the essential knowledge of the policy and political environment in which health services operate. Health services managers need to understand the political environment in which decisions are made, how health policies are formulated and enacted and how they are received. The subject covers the theoretical framework for studying policy and politics particularly in relation to government policy, the ways policies are formulated, the balance of power between different stakeholders in the development of health services policies and decisions, how the health and political systems manage issues and the influence of the stakeholders and the media in the management of health services issues.

Typical availability

Autumn semester, City campus

Noteís

This subject was formerly called Power and Politics in Health Care.

92051 Health Services Management and Legal Issues

6cp; intensive

Postgraduate

This subject covers the essential knowledge that health services managers need to have, such as the sources of law (common law, criminal law, statute law), the development of health services regulation, health services administrative law, tort law and its relationship to health services managers, the legal obligations of health services employers, regulations and statute law relevant to public health and the laws that apply to the clinical operations of hospitals and health services.

Typical availability

Spring semester, City campus

92052 Master of Sport and Exercise Thesis

Оср

For subject details, contact the research administration officer: telephone $+61\ 2\ 9514\ 4834$

email NMHResearch.StudentsAdmin@uts.edu.au

92054 Research and Statistics for Sport and Exercise

6ср

Postgraduate

This subject assumes a basic knowledge of the range of research methods used in sport and exercise and the ability to use statistical analysis packages. It covers two areas: conceptual and theoretical approaches to research and quantitative research methods. The first of these addresses the nature of research and its relationship to the development of knowledge and conceptualisation and design of research projects. The quantitative area involves the application of statistical methods and exploration of the more advanced capabilities of the PASW package.

Typical availability

Autumn semester, Kuring-gai campus

92055 Sport and Exercise Science Honours Dissertation 1

18cr

For subject description, contact UTS: Health.

92056 Sport and Exercise Science Honours Dissertation 2

24cp

For subject description, contact UTS: Health.

92057 Sport and Exercise Management Honours Dissertation 1

18cp

For subject description, contact UTS: Health.

92058 Sport and Exercise Management Honours Dissertation 2

24cp

For subject description, contact UTS: Health.

92227 Communication for the Complementary Therapist

6ср

This subject introduces students to the theories and processes of effective communication with patients and facilitates the development of interpersonal skills in the complementary therapist.

Particular focus is given to facilitating the development of essential interpersonal and helping skills that underpin the therapeutic relationship.

Typical availability

Autumn semester, City campus

92265 Midwifery Honours Dissertation 1

18cr

For details on this subject contact the faculty research administrator: Julie Funnell

telephone +61 2 9514 4879 email Julie.Funnell@uts.edu.au

92266 Midwifery Honours Dissertation 2

18cp

For details on this subject contact the faculty research administrator: Iulie Funnell

telephone +61 2 9514 4879 email Julie.Funnell@uts.edu.au

92271 Foundations of Midwifery Practice

6cp; 14 weeks, 3hpw theoretical Undergraduate

This subject introduces students to childbearing as a normal, but significant life event for a woman and her family. Students apply their developing understanding of anatomy and physiology to childbearing. Through the use of simulated environments, students develop communication skills to enable them to work effectively with women through the childbearing period. The subject focuses on the physical and emotional changes during pregnancy, labour and birth and the postnatal period and their potential effects on women's experience of childbearing.

Typical availability

Autumn semester, City campus

92272 Anatomy and Physiology: Pregnancy and Childbirth

6cp; 14 weeks, 5hpw theoretical Undergraduate

Students study anatomy and physiology with particular emphasis on pregnancy, labour and birth, the puerperium, and the foetus and neonate. The human biological structure and function are studied and students begin to demonstrate links with how midwives use this knowledge in practice. A human-systems-based approach is used.

Typical availability

Autumn semester, City campus

92280 Complex Newborn Care

6cp; 10 weeks, 3hpw theoretical, 30 clinical hours, 25 hours follow through experience

Requisite(s): 92630 Midwifery Practice 2: Supporting Women Undergraduate

The care of the neonate who experiences deviations from normal health is the focus of this subject. Health problems associated with variations in gestational age and intrauterine growth, difficulties with feeding, adaptation to extrauterine life and a range of body system anomalies form part of the content covered. Students are introduced to the concept of family-centred care in the neonatal nursery and are required to formulate an in-depth understanding of the impact on the woman and her family of having a baby with complex needs. The importance of the midwives' role in supporting the woman through this experience is explored. The subject also has a clinical component.

92282 Australian Health Care System

6cp; 4 weeks, 3hpw theoretical

Undergraduate

This subject provides an opportunity for students to study the structure of the Australian health care system with particular focus on the provision of services in rural and remote settings. The role of both federal and state governments in the provision of health services is examined along with the opportunity to critique financing and legislation in both the public and private sectors. The place of government, policy development and legislation in defining practice and policy is also studied as well as the mechanisms and results of legislative change. Challenges in providing health care in metropolitan, regional and remote settings are explored with particular emphasis on maternity services.

Typical availability

Autumn semester, City campus

92283 Challenges in Midwifery Practice

6cp; 3hpw (workshop)

Requisite(s): 92280 Complex Newborn Care AND 92281 Complex Midwifery Practice

Undergraduate

This subject examines the role of the midwife when working with women and families who have social or emotional complexities. Challenging issues, such as the role of the midwife in complying with child protection and other relevant legislation, are included. Students also explore the complexities for women who have utilised artificial reproductive technologies. The subject builds on students' understanding of the community resources available to women who require additional support. Legal, ethical and professional issues regarding the challenges in midwifery care are covered.

92284 Rural Midwifery Practice

6cp; 10 weeks, 2hpw theoretical, 80 clinical hours, 50 hours follow through experience

Requisite(s): 92281 Complex Midwifery Practice AND 92280 Complex Newborn Care

Undergraduate

This subject builds on learning from the students' experience in the previous practice subjects. Students have learning experiences in each of the major areas of midwifery care and continue to form 'follow through' relationships with childbearing women. The subject provides a platform for the students to consider possibilities for working in rural and remote Australia with regard to their role and scope of practice and the potential further education they might need to work outside these parameters.

92285 Collaborative Midwifery Practice

6cp; 4 weeks, 3hpw theoretical Undergraduate

This subject examines the place of the midwife in the community of practitioners. In particular, it examines the relationships of midwives with medical practitioners as collaborative partners in the care of childbearing women. It addresses issues of midwifery practice within institutions and within the community as a primary health care initiative. It challenges the rhetoric of the place of women as partners in care and the realities of women experiencing midwifery care.

92286 International Perspectives in Midwifery

6cp; 10 weeks, 2hpw theoretical Undergraduate

As students near the end of their course, this subject enables them to identify their role in Australia and in the wider community of midwifery. The implications and responsibilities that they are about to face as licensed practitioners is explored in relation to contemporary issues in the regulation of midwives. An exploration and critique of the ideologies associated with Western constructs of childbirth and maternity care allow for a new dimension in the students' learning. It examines the role of international bodies such as the World Health Organization in the maintenance of women's health and health care and the International Confederation of Midwives in the practice and regulation of midwifery.

92287 Midwifery Caseload Practice

6cp; 10 weeks, 2hpw theoretical, 125 clinical hours, 50 hours follow through experience

Requisite(s): 120 credit points of completed study in C10225

Bachelor of Midwifery

Undergraduate

This subject enables students to build on their learning in previous practice subjects so that they have the skills, knowledge and confidence to provide midwifery continuity of care. The subject enables opportunities to attain competence in all areas of midwifery practice including: keeping birth normal, electronic fetal monitoring, obstetric emergencies, neonatal resuscitation, perineal suturing and supporting women experiencing breastfeeding difficulties. Students continue to undertake their 'follow-through' continuity experiences. In particular, they work in a midwifery group practice model alongside midwives who work in caseload practice.

92288 Focused Midwifery Practice

6cp; 5 theoretical hours, 125 clinical hours, 50 hours follow through

Requisite(s): 120 credit points of completed study in C10225

Bachelor of Midwifery

Undergraduate

In this subject it is expected that the students complete the practice requirements for registration set down by the Nurses and Midwives Board NSW. Students develop their ability to make midwifery judgments, to carry out the midwifery care that results logically from the judgments made and to evaluate the care given. Students gain competence in applying the principles of evidence-based midwifery to their practice and are able to critique their work.

92291 Nursing Honours Dissertation 1

For details on this subject contact the faculty research administrator: Julie Funnell

telephone +61 2 9514 4879

email Julie.Funnell@uts.edu.au

92292 Nursing Honours Dissertation 2

For details on this subject contact the faculty research administrator: Julie Funnell

telephone +61 2 9514 4879 email Julie.Funnell@uts.edu.au

92295 Advanced Health Services Planning

This subject develops advanced skills and competencies of health service planners and managers through case studies and workshops, including input from experienced health service planners. This subject requires students to explore in depth complex health services planning issues. The subject is based around real life planning assignments developed by senior health service planners. The case studies incorporate the issues faced in practice with examples of planning assignments involving divided communities, pressure from health professional advocacy groups, competing forces within the political process, and lack of complete data; as well as others. The subject is taught online and with a limited number of face-to-face tutorials organised in block mode days.

Typical availability

Spring semester, City campus

92296 Epidemiology and Population Health

This subject covers the essential knowledge that health service planners and managers need concerning population health and epidemiology. Topics covered include the social determinants of disease, the health of the Australian population, epidemiological methods and concepts, understanding epidemiological evidence and its limitations, using population health data and how findings are used to support health services planning, and management decisions. An emphasis is placed on linking population health and epidemiological theory with application in health services settings and decision-making. The subject is taught online and in block mode

using a variety of teaching methods such as class exercises around set readings, formal lectures including guest lecturers, tutorials and student presentations.

92297 Health Systems and Change

Health services in the modern world involve larges systems constantly changing. Health service managers and planners require competencies in understanding systems in the health services, implementing change and project management. This subject develops students knowledge and skills in understanding and managing health systems around information technology, health service processes and capital development. It also develops students' skills in project management, service implementation and improvement, systems redesign and implementing change.

The method of teaching includes case studies and practical workshops. Students are expected to bring workplace examples of systems redesign projects for analysis. The subject is taught online and with a limited number of face-to-face workshops.

Typical availability

Autumn semester, City campus

92312 Integrated Nursing Practice

6cp; workshop: 4hpw (blended), 160 clinical hours Requisite(s): (92330 Complex Nursing Care: Medical Surgical AND 92316 Complex Nursing Care: Mental Health) AND 92331c Integrated Nursing Concepts

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

The subject consolidates and develops clinical practice undertaken over the course to prepare students for entry to the nursing workforce as a member of the health care team. The central focus of the subject is delivery and coordination of care for chronic and complex conditions, in order to practise as a beginning registered nurse. Students undertake an extended and continuous clinical placement experience that reinforces clinical learning integral to nursing practice and provides an environment for consolidating nursing practice highlighting leadership, management and workplace culture. The clinical placement experience is complemented by experiential workshops focusing on multidimensional simulated cases involving common chronic and complex conditions, and multiple morbidities. The workshops are conducted to develop students' abilities, knowledge, techniques and skills for integrated care across a diverse range of different patient care situations. Students undertake inquiry-based reflection and clinical judgment to plan, initiate, and evaluate care.

Typical availability

Spring semester, City campus

92313 Assessment and Therapeutics in Health Care 1

6cp; lectures: 2hpw (blended), laboratories: 3hpw, 40 clinical hours Undergraduate

Students are introduced to nursing as a therapeutic process and skilled activity that aims to promote and maintain health through collaborative partnerships with patients at a primary care level. Health is viewed as a dynamic phenomenon which varies as the individual transitions through a cyclical continuum of health and wellness, disease and illness. Determinants of health encompass a range of factors including lifestyle, disability and chronic health conditions. Within a trans-disciplinary team, the nurse undertakes comprehensive patient health assessments, promoting and maintaining health by encouraging and reinforcing positive health practices and preventing health breakdown through early detection and intervention. The nurse supports clients to be active participants in managing their health, facilitating health literacy through the provision of health information and health education. The nurse provides person-centred care that empowers patients to achieve their optimum health outcomes by facilitating improvement and adaptation within the context of their individual social cultural environment, needs, abilities and resources.

Typical availability

Autumn semester, City campus Autumn semester, Kuring-gai campus

First-year experience videos

View commentary from students and academics about this first-year subject at:

- Student video: www.youtube.com/user/utschannel#p/u/16/xNUZP1ZF6Mk
- Academic video: www.youtube.com/user/utschannel#p/u/27/ Mfzz_ww4PzI

92314 Assessment and Therapeutics in Health Care 2

6cp; lectures: 2hpw (blended), laboratories: 3hpw, 80 clinical hours Undergraduate

In this subject students explore an individual's response to disease and illness. Integral to this is recognition of each individual's unique response to episodes of disease and illness, based upon multifactorial determinants including the disease process, pre-existing comorbidities, therapeutic interventions and patient factors. Students are encouraged to provide a holistic approach to facilitating the patient's transition to recovery, rehabilitation or adaptation including recognition of the psychosocial dimensions of the patient and their relationship to the wider society. This incorporates comprehensive assessment and nursing interventions that support and assist the whole person in the context of acute care nursing. Elective and emergency clinical presentations and appropriate intervention based on the urgency of the situation are investigated. Skills in prioritisation, effective verbal and written communication and clinical decision-making are incorporated.

Typical availability

Spring semester, City campus Spring semester, Kuring-gai campus

92315 Nursing Care of the Older Person

6cp; lectures: 2hpw (1hr face-to-face, 1hr blended learning); laboratory: 2hpw, 80 clinical hours

Requisite(s): (91529 Pathophysiology and Pharmacology 1 OR 92024 Medical Surgical Nursing (Graduate Entry))) OR ((92313 Assessment and Therapeutics in Health Care 1 OR 92314 Assessment and Therapeutics in Health Care 2)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

In this subject students explore the foundational principles and practice of person-centred nursing care of the older person in a variety of health care contexts. Students have the opportunity to explore the normal ageing process and the diseases and dysfunctions that can occur in older age. The provision of quality care to the older person with multiple physical, social and psychological co-morbidities is emphasised. Students gain skills in undertaking comprehensive social histories and health assessments of older persons and gain an understanding of interdisciplinary approaches to older person care.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Kuring-gai campus Spring semester, Kuring-gai campus

92316 Complex Nursing Care: Mental Health

6cp; lecture: 2hpw (blended), laboratory/workshops: 2hpw (blended), 80 clinical hours

Requisite(s): 92323 Fundamentals of Mental Health Nursing OR 92015 Fundamentals of Mental Health Nursing (Graduate Entry) OR 92025 Fundamentals of Mental Health Nursing (Enrolled Nurse Entry 1) OR 92322 Medical Surgical Nursing

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

In this subject students continue the exploration of approaches to nursing people with mental health challenges into different mental health care contexts, focusing more on diverse and complex care situations. The subject takes as its organiser two axes: an intervention focus and a focus on special populations for consumers and families on their recovery journey. The interventions that provide a focus in the subject are: a solid grounding in counselling skills cognitive

behavioural interventions; group processes and group skills; therapeutic interactions with voice hearers; working with people with a range of problems and disorders: sound techniques in aggression management; and an understanding of the place of mental health promotion strategies. The special populations of interest in this subject include: those with high prevalence disorders such as anxiety, depression, and stress; people experiencing alcohol and other drug use disorders; dual diagnosis; conditions co-morbidity with mental illnesses and treatments; those with eating disorders; ethnically, culturally and linguistically diverse populations; age-specific populations; and Aboriginal and Torres Strait Islander populations.

Typical availability

Autumn semester, City campus Autumn semester, Kuring-gai campus

92317 Contemporary Indigenous Health and Wellbeing

6cp; lectures: 2hpw (blended) x 10 weeks, tutorials: 2hpw x 10 weeks Undergraduate

This subject contributes to the overall aims of the course by familiarising students with the current health status of Aboriginal and Torres Strait Islander people in Australia and also increasing their understanding of the concept of cultural safety which can then be applied to practice. Nurses have a major role to play in improving the health of Aboriginal and Torres Strait Islander people though the contribution they can make in primary health and acute care. This is achieved by exploring the relationship between Australia's history of colonisation, relevant social and healthcare policy, and Aboriginal and Torres Strait Islander peoples' health care issues. It includes an exploration of the role of the nurse and the social and cultural implications of engagement with the healthcare system for the Aboriginal and Torres Strait Islander community. The subject aims to support the student to develop a greater understanding of the need to provide care that is culturally safe, competent and consistent with the codes of professional conduct in Australia.

Typical availability

Autumn semester, City campus Autumn semester, Kuring-gai campus

92318 Evidence for Nursing

6cp; lecture: 2hpw (blended), tutorial: 2hpw (blended) Undergraduate

This subject develops skills in accessing and appraising the evidence upon which to base nursing practice. This subject builds on student's understandings of the utility of published practice guidelines. Focus is on selection and appraisal of published primary research studies and applying the evidence to selected clinical situations. The subject focuses mainly on the appraisal of research using quantitative data analysis and the determination of indicators of clinical effectiveness. The appraisal of systematic reviews is also introduced. Popular health claims are evaluated as a method of understanding how the indicators of clinical effectiveness are used.

Typical availability

Spring semester, City campus Spring semester, Kuring-gai campus

92319 Family and Children's Nursing

6cp; lecture: 2hpw (blended), laboratory/workshop: 2hpw, 80 clinical hours

Requisite(s): [92322 Medical Surgical Nursing OR 92024 Medical Surgical Nursing (Graduate Entry) OR ((92313 Assessment and Therapeutics in Health Care 1 OR 92314 Assessment and Therapeutics in Health Care 2))]

These requisites may not apply to students in certain courses. See access conditions.

Undergraduate

This subject contributes to the student's understanding of families and aspects of family life in contemporary Australian society. Health promotion and primary health care within a family context, family formation and structure, as well as cross-cultural understandings of the family are highlighted. This subject explores nursing issues related to the child bearing family, which include an examination of the family in crisis, parenting styles and the impact of development disability. Key acute and chronic health issues in children and adolescents are a major focus of this subject and child protection, child abuse and neglect, and guardianship issues are covered in the

context of children at risk. This subject enables students to develop the personal, professional and intellectual attributes, along with the technical knowledge, required to work with children and families.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Kuring-gai campus Spring semester, Kuring-gai campus

92320 Health and Society

6cp; lecture: 2hpw (blended), tutorial: 2hpw (blended) Undergraduate

The philosophy and expression of primary health care, health promotion and community development is the basis for therapeutic nursing practice in the community. Health promotion and primary health care as defined by the World Health Organization form the framework for exploring the principles and practice of community health nursing and the dynamic and diverse nature of the community. The influence of power and politics on health care are explored within this framework as are the implications of a culturally diverse society.

Typical availability

Autumn semester, City campus Autumn semester, Kuring-gai campus

92322 Medical Surgical Nursing

6cp; lecture: 2hpw (blended), laboratory: 2hpw (blended), 80 clinical hours

Requisite(s): 92313 Assessment and Therapeutics in Health Care 1 OR 92314 Assessment and Therapeutics in Health Care 2 These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

Students develop their understanding and application of nursing processes with increasing emphasis on effective critical reasoning and sound judgment. The focus of learning is on the nursing management of adults admitted to tertiary-care facilities with acute episodic medical-surgical conditions. Students analyse and apply their knowledge and problem solving skills to clinical case scenarios based on commonly encountered medical-surgical problems. Nursing competencies achieved in Year 1 of the course are reinforced and relevant nursing skills strengthened and extended including: vital signs and neurological observations, infection control, administration of parenteral medications, generic surgical nursing practice, complex wound care, pain assessment and management, and fluid and electrolyte replacement. Students are exposed to simulated and scenario-based emergency situations and are guided to develop appropriate evidence-based, patient-focused responses. All learning experiences focus on providing safe and effective care to individuals and families.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Kuring-gai campus Spring semester, Kuring-gai campus

92323 Fundamentals of Mental Health Nursing

6cp; lectures/workshops: 4hpw (blended), 80 clinical hours Requisite(s): 92313 Assessment and Therapeutics in Health Care 1 OR 92314 Assessment and Therapeutics in Health Care 2 Undergraduate

Students explore a range of issues related to the promotion of health and the nursing care of people in need of mental health care, the impact for their families and carers, and the importance of mental health nursing in all health care settings including inpatient and community-based services. The knowledge, attitudes and skills required for contemporary mental health nursing practice, such as interpersonal skills to build and maintain therapeutic relationships, assessment processes, therapeutic interventions, development of partnerships with consumers in their recovery, inter-professional collaboration and reflective practice are explored. Mental health nursing practice that places the consumer at the centre of all mental health services is a key feature of this subject.

Typical availability

Autumn semester, City campus Spring semester, City campus Autumn semester, Kuring-gai campus Spring semester, Kuring-gai campus

92324 Professional Identity

6cp; lecture: 2hpw (blended), tutorials: 2hpw (blended) Undergraduate

Students are introduced to what it means to be a professional in contemporary health care practice. This subject focuses attention on learning about the essential components of professional conduct. Necessary components such as: the right professional attitude, knowledge about professional nursing standards and the ability to establish a work ethic that provides sound scaffolding to enable clinical leadership. Students are encouraged to appreciate their strengths as individuals helping others and how to work towards confidence in using these and learned skills in their everyday nursing experiences. It is important that students become knowledgeable in the standards required for legal and ethical practice and that each student is equipped to begin to use these standards when working with colleagues and patients. The concept of reflection is explored during the semester and forms part of the assessment. Students build on their understanding of social equity in order to make sound and clear judgments. This subject outlines the transition of nursing as a profession and explores the forces that have shaped, and continue to shape nursing practice as a collaborative professional endeavour. At the core of the subject is the view that a professional disposition articulates with all subjects and that successful transition to a professional practitioner is optimised by starting the process early. Career planning and personal record keeping is introduced to facilitate this process.

Typical availability

Spring semester, City campus Spring semester, Kuring-gai campus

92325 Professionalism in Context

6cp; 1hpw (lecture), 1hpw (independent learning), 2hpw (tutorial; blended)

Requisite(s): 92014 Role Transition and Professional Identity OR 92017 Health Assessment and Nursing Therapeutics OR 92324 Professional Identity

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject assists students to prepare for their professional role and explore the attributes required to take on clinical leadership and team work responsibilities in health care. Students explore critical issues that impact on nursing practice, with an emphasis on the effects that power, policy and professional relationships have on health care quality and future directions for nursing in local and international health care contexts. Topics are introduced that reflect current health care challenges and opportunities for nursing to make a positive difference to health service delivery. Policy reports are explored enabling students to incorporate them into existing ethical and legal frameworks thereby increasing their ability to make considered clinical judgments. Professional resources that facilitate successful transition to the registered nurse role are introduced.

Typical availability

Spring semester

92326 Understanding the Person: Life Transitions

6cp; lecture: 2hpw (blended), tutorial: 2hpw (blended) Undergraduate

Students focus on the development of the person and their experiences throughout the lifespan. Health experiences and related behaviours are examined using theories and models from health psychology and sociology. Concepts of stress, coping and adaptation are introduced and the influences of values, beliefs, attitudes and attributions on perceptions of health, illness and health care are examined. The impact of lifestyle behaviours and choices on health and methods of bringing about changes in health behaviours are explored. The sequence of ages and stages as well as the milestones of human growth and development in children and adolescents is introduced. An understanding of these sequences and milestones provides the

nurse with the ability to compare the developing child/adolescent to normal parameters, which is foundational to appropriate care. Relevant psychosocial assessments and nursing interventions are introduced and applied.

Typical availability

Autumn semester, City campus, Autumn semester, Kuring-gai campus

92327 Workshops for Practice Readiness 1

6cp; workshops: 5 weeks x 5hpw Undergraduate

This subject focuses on a number of discrete, interdependent and foundational nursing issues that have been identified as particularly challenging and important to beginning practice and learning as a student nurse. These issues are explored through workshops which allow students to gain knowledge in each topic area and actively use this knowledge in the workshop situation to build meaning, understanding and connection through guided immersion in experiential inquiry-based activities. This subject is aimed at strengthening core literacies related to practice readiness which include: interpersonal skills, intrapersonal knowledge, cognitive frameworks, and quality and safety in the workplace.

Typical availability

Autumn semester, City campus Autumn semester, Kuring-gai campus

92328 Workshops for Practice Readiness 2

6cp; workshops: 5 weeks x 5hpw

This subject focuses on a number of discrete, interdependent and foundational nursing issues that have been identified as particularly challenging and important to beginning practice and learning as a student nurse. These issues are explored through workshops that allow students to gain knowledge in each topic area and actively use this knowledge in the workshop situation to build meaning, understanding and connection through guided experiential immersion in inquiry-based activities. This subject is aimed at strengthening core literacies related to practice readiness, including: interpersonal skills, intrapersonal knowledge, behavioural management skills; dealing with challenging behaviours such as anxiety, anger and grief; and the assessment and management of withdrawal from alcohol and other drugs.

Typical availability

Spring semester, City campus Spring semester, Kuring-gai campus

92329 Accountability in Nursing Practice

6cp; lecture: 2hpw (blended), tutorial: 2hpw (blended) Requisite(s): 92014 Role Transition and Professional Identity OR 92017 Health Assessment and Nursing Therapeutics OR 92324 Professional Identity

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject builds on the discussion of professional identity by focusing on how the ethical and legal texture of the practice settings of registered nurses engages and challenges their professional status. This focus is mediated by provision of educational opportunities which enable students to reflectively incorporate an informed understanding of accountability in nursing practice into their modes of perception, thought, feeling and response, and thus actively further their growth into the role of a registered nurse. Students are encouraged to appreciate that clinical capability and leadership cannot be accomplished without an understanding of the full range of accountability in practice. This subject requires student involvement to be of a kind that further develops their critical and analytical abilities, their competence with the variety of literacies required of professional practitioners, and their skill in the appropriate expression and communication of ideas.

Typical availability

Autumn semester, City campus Autumn semester, Kuring-gai campus

92330 Complex Nursing Care: Medical Surgical

6cp; lecture: 2hpw (blended), laboratory: 2hpw (blended), 80 clinical hours

Requisite(s): 92322 Medical Surgical Nursing OR 92024 Medical Surgical Nursing (Graduate Entry)

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject extends the student's abilities and skills to practice in more complex medicalsurgical contexts. It provides students with an opportunity to extend their ability to undertake increasingly complex nursing activities in a range of care settings. The importance of comprehensive health assessment is particularly emphasised in this subject. Well targeted nursing interventions, appropriately planned nursing care and the application of best evidence to practice is also considered. Particular attention is given to advanced complex wound assessment and care and the assessment and management of the deteriorating patient. At all times during this subject nursing practice is considered within a multidisciplinary framework. Students have the opportunity to reflect on their practice and determine self-identified learning needs appropriate to subject focus.

Typical availability

Autumn semester, City campus Autumn semester, Kuring-gai campus

92331 Integrated Nursing Concepts

6cp; laboratories/workshops: 4hpw (blended) Requisite(s): 92330 Complex Nursing Care: Medical Surgical AND 92316 Complex Nursing Care: Mental Health These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject contributes to the theoretical exploration of chronic and complex nursing practice. Considering the patient illness experience, students are encouraged to interrogate the range of therapeutic interventions, the impact of clinical guidelines and policies, and professional team member's contribution to the delivery of chronic and complex care. This exploration extends across the trajectory of care and contexts of care delivery. Evaluation of care including aspects of quality, safety and risk, and patient satisfaction are explored. Students are required to demonstrate synthesis of multiple levels of evidence when formulating nursing practice. Case scenarios congruent with clinical placement experience and coronial evidence are utilised.

Typical availability

Spring semester, City campus Spring semester, Kuring-gai campus

92332 Introduction to Specialty Practice: Community Health Nursing

6cp; lectures/tutorials: 4hpw (blended), 80 clinical hours Requisite(s): (92014 Role Transition and Professional Identity OR 92014 Role Transition and Professional Identity OR ((92313 Assessment and Therapeutics in Health Care 1 OR 92314 Assessment and Therapeutics in Health Care 2))) These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Undergraduate

Community health nursing is a synthesis of nursing practice, within the context of public health and primary health care. Community nursing is founded on a social view of health, and upholds the values of access, equity and self-determination. The nature of community health nursing is comprehensive and directed towards the individual, families and the community at large. Community health nurses empower people to understand and respond effectively to those areas having a negative impact on their health and wellbeing by assisting people with accessing information, resources and services appropriate to their needs. Community health nurses assist people in the local community to maximise their health potential and wellbeing through; health assessment, counselling, screening, health promotion/education and community development.

Spring semester, Kuring-gai campus

92333 Introduction to Specialty Practice: Critical Care Nursing

6cp; lectures/laboratories: 4hpw (blended), 80 clinical hours Requisite(s): (92014 Role Transition and Professional Identity OR 92014 Role Transition and Professional Identity OR ((92313 Assessment and Therapeutics in Health Care 1 OR 92314 Assessment and Therapeutics in Health Care 2)))

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This clinical elective is designed to enable students to gain theoretical knowledge to support clinical nursing practice in the critical care setting, i.e. intensive care, emergency and high dependency units. Through this experience, students have the opportunity to further develop their expertise in patient assessment, complex nursing skills and clinical decision-making, which offers invaluable support for future practice in any area of nursing.

Typical availability

Spring semester, Kuring-gai campus

92334 Introduction to Specialty Practice: Family and Child Health Nursing

6cp; workshops/seminars: 4hpw (blended), 80 clinical hours Requisite(s): (92014 Role Transition and Professional Identity OR 92014 Role Transition and Professional Identity OR ((92313 Assessment and Therapeutics in Health Care 1 OR 92314 Assessment and Therapeutics in Health Care 2)))

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

In this subject students build on foundational knowledge of child-rearing families in contemporary Australian society gained from 92326 Understanding the Person: Life Transitions and 92319 Family and Children's Nursing. Students considering a nursing career caring for well children and families can explore in greater depth psychosocial and health issues in family life, parenting and child rearing, nursing care of the infant/child and social and emotional wellbeing in infancy and early childhood. A primary health care and health promotion perspective is used throughout.

Typical availability

Spring semester, Kuring-gai campus

92335 Introduction to Specialty Practice: Mental Health Nursing

6cp; workshops/seminars: 4hpw (blended), 80 clinical hours Requisite(s): (92014 Role Transition and Professional Identity OR 92014 Role Transition and Professional Identity OR ((92313 Assessment and Therapeutics in Health Care 1 OR 92314 Assessment and Therapeutics in Health Care 2)))

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

Mental health has traditionally developed from a strong custodial model of care, dominated by a biomedical approach to treatment and management. Contemporary mental health nursing practice embraces a more holistic approach to care. This requires the nurse to examine and focus on a range of approaches and inter-professional models of care to ensure that consumers have the best chance in their recovery journeys. Contemporary mental health care must acknowledge the many forces that exist in society that impact on and shape the delivery of care. In this subject students have the opportunity to explore and examine a diverse variety of issues related to mental health with the opportunity to test the theoretical claims of this subject in a range of clinical settings.

Typical availability

Spring semester, Kuring-gai campus

92336 Introduction to Specialty Practice: Palliative Care

6cp; workshops/seminars: 4hpw (blended), 80 clinical hours Requisite(s): (92014 Role Transition and Professional Identity OR 92014 Role Transition and Professional Identity OR ((92313 Assessment and Therapeutics in Health Care 1 OR 92314 Assessment and Therapeutics in Health Care 2))) These requisites may not apply to students in certain courses.

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject looks at the history and development of palliative care as well as the structure and organisation of palliative care nursing services in Australia. Special attention is given to the psychosocial-spiritual care and symptom management of individuals living with a terminal condition. Through exploring the goals and principles that underpin the palliative care philosophy, students are able to strengthen and refine their nursing knowledge and skills in the provision of care to this group of individuals and families.

Typical availability

Spring semester, Kuring-gai campus

92337 Introduction to Specialty Practice: Women's Health

6cp; workshops/seminars: 4hpw (blended), 80 clinical hours Requisite(s): (92014 Role Transition and Professional Identity OR 92014 Role Transition and Professional Identity OR ((92313 Assessment and Therapeutics in Health Care 1 OR 92314 Assessment and Therapeutics in Health Care 2))) These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access

Undergraduate

conditions.

Women's health has traditionally been examined from a gynocentric or medical perspective as women have been acknowledged primarily for and only in terms of their reproductive function. However, issues surrounding women's health are broader than this and should be studied in the context of women's place in a patriarchal society at local, national and global levels. In this subject students have the opportunity to explore issues related to women's health from the model of social health and have the opportunity to test the theoretical claims of this subject in various clinical settings.

Typical availability

Spring semester, Kuring-gai campus

92338 Introduction to Specialty Practice: Australian Indigenous Health Care

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Requisite(s): [92014 Role Transition and Professional Identity OR 92014 Role Transition and Professional Identity OR ([92313 Assessment and Therapeutics in Health Care 1 OR 92314 Assessment and Therapeutics in Health Care 2]]]
These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions

For subject description, contact UTS: Health.

92339 Introduction to Specialty Practice: Aged Care Nursing

6cp; workshops/seminars: 4hpw (blended), 80 clinical hours Requisite(s): (92014 Role Transition and Professional Identity OR 92014 Role Transition and Professional Identity OR ((92313 Assessment and Therapeutics in Health Care 1 OR 92314 Assessment and Therapeutics in Health Care 2))) These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

Caring for an older person is a complex and yet fulfilling area of clinical expertise. The imminent rapidly ageing population brings a plethora of challenges and demands which this subject aims to further explore. Aged care nursing is designed to promote specialty practice for students in caring for the complex needs of older persons in the community and acute care settings. The framework of the subject

is to develop complex skill profiles for supporting the needs of a deteriorating older person. Based on strong theoretical foundations, students have the opportunity to participate in a variety of simulation activities.

Typical availability

Spring semester, Kuring-gai campus

92340 Introduction to Specialty Practice: Paediatric Nursing

6cp; workshops/seminars: 4hpw (blended), 80 clinical hours Requisite(s): (92014 Role Transition and Professional Identity OR 92014 Role Transition and Professional Identity OR ((92313 Assessment and Therapeutics in Health Care 1 OR 92314 Assessment and Therapeutics in Health Care 2))) These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This subject has been designed to enable students to gain knowledge and clinical nursing practice in an area of interest to them. Through this experience, students have the opportunity to develop their expertise in paediatric nursing and to understand the experience of illness and hospitalisation from the perspective of the child. This clinical experience extends the paediatric knowledge and experience of children's nursing covered previously, and gives students the opportunity to determine their preference for the specialty of paediatric nursing. It also has the potential to assist them in their quest for future employment.

Typical availability

Spring semester, Kuring-gai campus

92341 Introduction to Specialty Practice: Perioperative Nursing

6cp; lectures/laboratories: 4hpw (blended), 80 clinical hours Requisite(s): (92014 Role Transition and Professional Identity OR 92014 Role Transition and Professional Identity OR ((92313 Assessment and Therapeutics in Health Care 1 OR 92314 Assessment and Therapeutics in Health Care 2))) These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Undergraduate

This clinical elective subject is designed to introduce and further student's knowledge and understanding of the nursing management of adults and/or children undergoing surgery, including those from culturally and linguistically diverse backgrounds. This subject facilitates integration between theory and practice in this specialty area of nursing. It enables students to work within a highly structured and developed area of complex health management as members of high functioning interdisciplinary perioperative teams. It also provides students with the opportunity to demonstrate technical competence at a beginning level in the application of safe, effective and efficient use of technology and resources in perioperative nursing practice.

Typical availability

Spring semester, Kuring-gai campus

92603 Managing Quality, Risk and Cost in Health Care

6cp; intensive Postgraduate

This subject is essential grounding for clinicians, managers and planners of health services who seek to implement systems to manage clinical work processes and to monitor health service performance. The subject material is advanced, designed for clinicians and managers experienced in health care delivery to acquire the knowledge and skills to comprehensively manage the processes of clinical work. The subject prepares students to improve the quality, risk and cost outcomes of care within the context of expectations of clinical and corporate governance, organisational performance and workplace change. The subject examines each of the three components of quality, risk and cost individually, and integrates them within a method of clinical process management as the foundation for a model of organisational accountability for patient, clinical and resource outcomes. The subject takes both a theoretical and practical approach. Students undertake an assessable task relevant to managing clinical processes in their area of work or interest.

Typical availability

Spring semester, City campus

92604 Mental Health Assessment

6cp; on campus, intensive Postgraduate

This subject enables students to gain competence and confidence with appropriate assessment, monitoring, intervention and referral processes. The teaching and learning activities focus on the day-today realities of working with children, adolescents, adults and their families and assists students to integrate appropriate, age-specific interventions. It also provides students with the opportunity to explore and utilise specific activities and techniques in order to critically evaluate their practice, including structured methods to examine interpersonal communication and the opportunity to further enhance their ability to therapeutically engage with individuals and their families. A variety of consumer perspectives is reviewed in order to inform and assist students to examine their practice, and to implement any necessary modifications to the ways in which they relate to consumers, their families and the community in which they live. Contemporary models of professional development, such as mentorship and clinical supervision, are also explored, and, in conjunction with the above reflective practices, provide students with a set of strategies to critically examine their practice.

92605 Therapeutic Interventions in Mental Health Care 2

6cp; on campus, intensive

Postgraduate

This subject provides students with the opportunity to expand their knowledge and ability to utilise a specified range of psychosocial therapeutic interventions in mental health care. These interventions include a comprehensive exploration of family therapy, group therapy, psychotherapy and psycho-education. This subject also provides students with the opportunity to examine and analyse the theoretical bases for interdisciplinary mental health care, and the opportunity to explore their own theoretical bases of practice. An holistic examination and analysis of care necessarily embraces the biological, psychological, sociological, cultural and spiritual domains, including consumer participation approaches and collaborations with the family and community. Philosophical and ethical considerations are examined.

92606 Issues in Australian Health Services

6cp; on campus, intensive Postgraduate

This subject is designed as an introduction to the Australian health system. It provides an essential grounding for clinicians, managers and planners working in the health system today about current issues that face them. The subject covers a range of topics that touch on the health status and care needs of the Australian population, inter-governmental relations, stakeholders and their interests and changing patterns of care. On completion of the subject, students have knowledge of the main components of the Australian system, its size, structure and organisation, the major issues facing health service policymakers, planners, managers and clinicians, and options for managing health and health systems for the future.

92607 Education for Practice Development

6cp; on campus, intensive Postgraduate

This subject focuses on the development of educational leadership in specialist nurses and midwives who seek to influence health care practice in their area of expertise and advance clinical excellence in others through the process of education. Through action learning, students are prepared to undertake the roles of change agent, mentor, critical companion and facilitator of learning. Students develop an understanding of education as a strategic building block in the creation of a rich clinical learning environment.

92608 Advanced Assessment and Diagnosis

6cp; on campus, intensive

Requisite(s): 24 credit points of completed study

Postgraduate

This subject builds on students' developed skills in health and physical assessment aiming to develop diagnostic skills as they relate to advanced assessment. Advanced assessment skills are studied in relation to inductive or inferential reasoning, clinical thinking processes and clinical judgment. Students learn how to prescribe and analyse common diagnostic and laboratory tests, related to their area of practice, as well as the results of health and physical assessment.

A focus is on the development of the skills required to critically analyse patient/client health data in order to diagnose health need and appropriately make referrals to other health practitioners. The subject assumes that students are in concurrent clinical practice.

92609 Pharmacological Therapies in Advanced Practice

6cp; on campus, intensive

Requisite(s): 92713 Health Breakdown AND 18 credit points of

completed study in 000001-999999

Postgraduate

Advanced practice nurses commonly administer complex drug protocols within a multidisciplinary team approach, which requires a highly developed knowledge of pharmacology to ensure patient safety. This subject provides students with the knowledge and skills required to manage patients requiring drug and non-drug treatment interventions within the student's specialist practice area, including administering medicines safely to clients. The subject allows students to focus on clinical pharmacological therapies relevant to the student's specialist area of practice and the assessment of patient's/client's responses to these therapies. Students study the actions of drugs including pharmacodynamics and pharmacokinetics as well as developing an advanced understanding of their application to patients/clients within their chosen specialty.

92610 Law, Ethics and Accountability in Advanced Practice

6cp; on campus, intensive Requisite(s): 24 credit points of completed study Postgraduate

This subject aims to provide a strong legal and ethical underpinning for advanced practice. Such an underpinning is critical, not only for the key aspects of patient safety and quality care, but also for the protection of the practitioner and the practitioner's employer. Students build on their existing understanding of the legal parameters for nursing practice to understand the heightened requirements as complexity of care and level of responsibility and accountability increases. Strategies are explored to identify and manage risk in order to ensure safe and accountable practice. Students are encouraged to identify the moral implications of an expanded domain of practice for such things as responsibilities for patients and clients, consequent differences in modes of interacting with patients and clients, interaction with other practitioners for patient care and research purposes, and intraprofessional matters such as mentorship, development of practice knowledge, and leadership through advocacy for expanded practice.

92611 Complex Case Management

6cp; on campus, intensive Requisite(s): 24 credit points of completed study Postgraduate

This subject aims to bring together the various threads of complex case management. Students use their knowledge of pathophysiological events to frame appropriate clinical practice responses. From their understanding of normal trajectories of common health conditions, students are able to identify deviations from standard patterns and critically analyse practitioners' management responsibilities. Students develop advanced techniques of health promotion in relation to complex case management and have well developed risk management skills relating to specified clinical situations.

92612 Research in Health

6cp; on campus, intensive Requisite(s): 24 credit points of completed study AND 92790 Evidence-based Practice Postgraduate

This subject provides an understanding and appreciation of the multiple ways through which knowledge is generated, specifically in relation to the disciplines of nursing and midwifery, and to health care in general. Students are exposed to the breadth of research methodologies that can be employed for such knowledge generation. Emphasis is placed on relationships between research question/problem, methodology and method. Basic descriptive research methods are used as exemplars of knowledge generation. Completion of the subject enables students to critically appraise an appropriate methodology and method for a chosen area of research inquiry. In addition, the subject explores how to situate an area of inquiry within existing knowledge, proposal writing, as well as ethical and practical issues of conducting research in nursing, midwifery and health care.

92613 Principles of Child and Family Health Nursing

6cp; on campus, intensive Postgraduate

This subject introduces students to the clinical specialty of child and family health nursing. It describes the scope of practice and displays the level of competent practice to be exhibited in the professional knowledge, skills and behaviours of beginning practitioners. Students' understanding of evidence-based practice is reviewed and applied in child and family health nursing practice. The subject situates primary health care as the philosophical basis of health services for well children and their families, and defines the prominent position of health promotion within the practice of child and family health nursing. As effective communication skills are considered essential for competent practice in child and family health nursing, the subject refreshes and expands prior learning in communication and counselling skills and increases students' capacity to establish supportive therapeutic relationships with client families through a counselling workshop.

92614 Child and Family Health Nursing 1

6cp; on campus, intensive Postgraduate

The clinical focus of this subject is intended to give students essential skills for practice in working with families with young children from birth to age five. It includes the practical application of the parameters of normal development in early childhood, with a particular focus on attachment theory in infancy and normal variations in child behaviours. It supports the health role of the child and family health nurse in undertaking comprehensive assessments of infants and young children 0-5 years of age and in providing anticipatory guidance to alleviate distress and worry in parents. Nutritional requirements in young children and the initiation and maintenance of breastfeeding are included. The subject increases the students' ability to support and instil confidence in parents caring for a young baby, and to provide opportunities for social support and education. The subject includes a parentcraft workshop. The subject requires the successful completion of a clinical experience program of 80 hours, undertaken as five single 8-hour days, in early childhood health centres and a one-week block in a Tresillian facility.

92615 Child and Family Health Nursing 2

6cp; on campus, intensive

Recommended studies: 92614 Child and Family Health Nursing 1

This second clinically focused subject extends the essential skills for working with families with young children 0–5 years of age. It includes the identification of common or potential problems amendable to early intervention, and the nursing management to support parents to care for the health and safety of their children. It enables the role of the child and family health nurse in providing home visiting services for families with new babies and particularly families who would benefit from sustained home visiting. The subject assists the nurse to provide social support and education to parents and to foster the integration of the family in the community. It includes a parenting workshop. The subject requires the successful completion of a clinical experience program of 80 hours, taken as a two-week block in child and family health nursing facilities.

92616 Core Concepts in Acute Care Nursing

6cp; on campus, intensive Postgraduate

This subject focuses on phenomena that are fundamental to acute care (medical/surgical) nursing practice. Concepts, such as pain and wound management, and nutrition that impact on the patient's illness experience are explored. Students also explore models of nursing and their impact on the management of patient care. Teaching approaches draw upon students' clinical experience, with assessment items applied to their specific specialty area.

92617 Early Interventions in Acute Care Nursing

6cp; on campus, intensive Postgraduate

This subject provides students with an understanding of the principles of managing patients who become acutely ill and unstable in the acute care setting. It builds on the registered nurse's general nursing knowledge and experience, as well as knowledge of pathophysiology, to increase understanding, learning and application of the nursing care

required for patients who suddenly become acutely ill and unstable. The subject focuses on the initial assessment of an unstable patient and the early interventions (including principles of resuscitation) required in managing an acutely ill patient.

92620 Family and Community Health Practice

6cc

This subject investigates the broader perspective of community health and wellness in child and family health nursing. The shared community responsibility of family support is explored together with processes that promote family and community health and wellness. An increased understanding of family function, assessment, and stress factors, especially related to transitional periods, facilitates the student's ability to interact appropriately with families. The signs of distress and dysfunction in the family that may have an adverse effect on infant mental health are addressed. Students gain an increased appreciation of the significant role the family plays in relation to the mental and physical health and wellbeing of its members and to the health of the whole community.

92621 Aboriginal and Torres Strait Islander: Women and Babies

6cp; 2hpw (lecture)

Requisite(s): 92272c Anatomy and Physiology: Pregnancy and Childbirth

Undergraduate

This subject enhances students' understanding and awareness of the issues related to the health of Indigenous people, particularly Australian Aboriginal and Torres Strait Islander people. Students are given the opportunity to explore their own personal and professional beliefs and attitudes in relation to working alongside Aboriginal and Torres Strait Islander women and babies. Students examine the ways that colonialism has impacted, and continues to impact, on the health of Aboriginal and Torres Strait Islander people through cultural, political and socio-economic circumstances. Primary health care initiatives and community development approaches that have been implemented to address the health of Aboriginal and Torres Strait Islander women and babies in Australia as well as Indigenous people in other countries are also examined.

Typical availability

Spring semester, City campus

92622 Becoming a Midwife

6cp; 11 weeks, 2hpw (lectures) Undergraduate

This subject introduces students to the Bachelor of Midwifery program by providing an overview of the program and the requirements for registration as a midwife in Australia. As the intention of the Bachelor of Midwifery is to prepare students for practice as a midwife, this subject explores the forces that have shaped, and continue to shape, the practice and image of midwifery. This subject briefly traces the rich history of midwifery to the present day. The fundamental literacy and cognitive skills that underpin practice judgment and professionalism are developed concurrently with other subject content. In addition, students are introduced to the information technology applications available in the University.

Typical availability

Autumn semester, City campus

92623 Complex Labour, Birth and Puerperium

6cp; 2hpw (lecture)

Requisite(s): 92626 Midwifery Practice 3: Complex Pregnancy AND 92624 Complex Pregnancy

Undergraduate

For subject description, contact UTS: Health.

92624 Complex Pregnancy

6cp; 2hpw (lecture)

Requisite(s): 92272c Anatomy and Physiology: Pregnancy and

Childbirth

Undergraduate

This subject examines the physiological and psychosocial processes that the childbearing woman and her family experience when complexities occur during pregnancy. The subject explores the role of the midwife in the care of the childbearing family to detect deviations from normal circumstances and implement timely and

appropriate interventions. How the midwife can support the woman and her family during a complex pregnancy in collaboration with the maternity care team is also explored. In combination with Midwifery Practice 3, this subject assists students to develop the knowledge, skills and attitudes needed to provide safe midwifery care in a variety of clinical scenarios and situations where acute and surgical skills may be required.

Typical availability

Autumn semester, City campus

92625 Emergencies in Maternity Care

6cp; 1hpw (lecture), 2hpw (laboratory), 4 weeks

Requisite(s): 92627 Midwifery Practice 4: Complex Labour, Birth and Puerperium

Undergraduate

This final year subject consolidates the student's knowledge, skills and attitudes in maternity emergency situations in the transition to becoming a midwife. Students apply their knowledge of pathophysiology in maternity and neonatal emergencies in practice using simulated drills. The subject builds student's capacity to work as part of a team and has an emphasis on effective communications, reflection on practice, handover and documentation in urgent and emergency situations. The overriding framework of clinical risk management is used throughout the subject.

Typical availability

Autumn semester, City campus

92626 Midwifery Practice 3: Complex Pregnancy

6cp; 3hpw (laboratory), 1hpw (tutorial), 96 clinical hrs Requisite(s): 92630 Midwifery Practice 2: Supporting Women Undergraduate

Students in this subject work in simulated learning environments to learn and develop the requisite midwifery practice skills. Students engage in midwifery practice and are provided with opportunity to reflect on their practice. In the midwifery practice setting, students work with midwives and implement care based on clinical decisions developed in collaboration with others. Students are expected to continue with their continuity of midwifery care experiences. The skills acquired in this subject relate to, and are supported by, the concurrent theoretical subject Complex Pregnancy.

92627 Midwifery Practice 4: Complex Labour, Birth and Puerperium

6cp; 3hpw (laboratory), 1hpw (tutorial), 160 clinical hrs Requisite(s): 92626 Midwifery Practice 3: Complex Pregnancy Undergraduate

Students in this subject work in simulated learning environments to learn and develop the requisite midwifery practice skills. Students engage in midwifery practice and this subject provides opportunity for them to reflect on their practice. In the midwifery practice setting, students work with midwives and implement care based on clinical decisions developed in collaboration with others. Students are expected to continue with their continuity of midwifery care experiences. The skills acquired in this subject relate to, and are supported by, the concurrent theoretical subject Complex Labour, Birth and Puerperium.

Typical availability

Spring semester, City campus

92628 Midwifery Practice 5: Working with Women

6cp; 2hpw (tutorial)

Requisite(s): 92627 Midwifery Practice 4: Complex Labour, Birth and Puerperium

Undergraduate

In this subject students revise the midwifery knowledge, skills and attitudes required to gain competence when working with childbearing women. This subject provides an opportunity for students to reflect on their practice, identifying their own individual learning needs as well as revising and practising frequently used midwifery skills. In the midwifery practice setting, students work with midwives and implement care based on clinical decisions developed in collaboration. Students are expected to continue with their continuity of midwifery care experiences.

Students are able to have an optional rural or international placement as part of this subject.

Autumn semester, City campus

92629 Midwifery Practice 6: Transitions to being a Midwife

6cp; 2hpw (laboratory), 1hpw (tutorial), 232 clinical hrs Requisite(s): 92628 Midwifery Practice 5: Working with Women Undergraduate

Students in this subject work in simulated learning environments to learn and further develop the requisite midwifery practice skills prior to midwifery registration. Students also engage in midwifery practice and are provided with opportunity to reflect on their practice, formulating plans for continuous professional development. In the midwifery practice setting, students implement care based on clinical decisions developed in collaboration. In this subject, students are expected to finalise their continuity of midwifery care experiences and all midwifery practice assessments in preparation for registration.

Typical availability

Spring semester, City campus

92630 Midwifery Practice 2: Supporting Women

6cp; 2hpw (lecture), 2hpw (laboratory), 1hpw (tutorial), 80 clinical hrs Requisite(s): 92271 Foundations of Midwifery Practice AND 92632 Midwifery Practice 1: Preparation for Practice Undergraduate

This subject contributes to the achievement of the knowledge, skills and competency required for midwifery practice. Students work with women and their babies in a supportive role while further developing their skills in assessment and screening. Communication and documentation skills are also developed.

Students are provided with practice opportunities in clinical facilities for predetermined periods of time throughout the semester. The clinical practice introduces students to the care of women and their babies in a supportive role in the antenatal period, during labour and birth, and in the postnatal and neonatal periods. Students commence their continuity of midwifery care experiences and have the opportunity to recruit women during their midwifery practice experience placements.

Typical availability

Autumn semester, City campus

92631 Midwifery as Primary Health Care

6cp; intensive (6hrs, four workshops)

Requisite(s): 92272c Anatomy and Physiology: Pregnancy and Childbirth

These requisites may not apply to students in certain courses. See access conditions.

Undergraduate and Postgraduate

This subject contributes to the student's understanding of midwifery within a woman-centred, primary health care framework. Students explore midwifery as a public heath strategy within a broad social context influenced by particular sociocultural, spiritual and politicoeconomic environments. Students learn about the application of cultural safety within midwifery practice. Processes and mechanisms to enable effective collaboration with health care providers and other professionals are covered.

Typical availability

Autumn semester, City campus

92632 Midwifery Practice 1: Preparation for Practice

6cp; 1hpw (lecture), 3hpw (laboratory), 1hpw (tutorial), 48 clinical hrs Requisite(s): 92272c Anatomy and Physiology: Pregnancy and Childbirth

Undergraduate

This subject contributes to the overall course by preparing students for initial midwifery practice. Students focus on learning clinical skills related to midwifery practice including observations, palpation, percussion, auscultation, urinalysis and psychosocial assessments. Students are prepared for entry to the practice environment including professional responsibilities and conduct, occupational health and safety, the requirements for clinical practice, and completion of professional portfolios. Students are expected to provide midwifery care (under the direct supervision of a midwife) based on the clinical decision-making of others.

Typical availability

Autumn semester, City campus

92633 Professional Practice

6cp; 2hrs x 4 workshops

Requisite(s): 92272c Anatomy and Physiology: Pregnancy and Childbirth

Undergraduate

Situated in the final semester of the course, this subject is the capstone subject of the Bachelor of Midwifery. Students consolidate their understanding of the professional role of the midwife, and recognise and display the professional attributes of a midwife. In preparation for their registration as midwives, students review the ANMC competency standards and reflect on their practice in relation to these and other regulatory frameworks. They identify their role as a member of the maternity health care team and explore the issues related to working in this environment.

92634 Transitions to Parenthood

6cp; 1hpw (lecture), 2hpw (tutorial) Requisite(s): 92272c Anatomy and Physiology: Pregnancy and Childbirth

Undergraduate

The transition from pregnancy to parenthood is a significant life event and the midwife plays an important role in the early days of parenting. Supporting and promoting breastfeeding is an important focus of this subject. The subject explores theories of maternal-infant attachment and bonding, and public health issues such as safe sleeping. Students also develop the knowledge, skills and attitudes required to work with women whose transition is complicated by perinatal mental health issues.

Typical availability

Autumn semester, City campus

92636 Preparation for Midwifery Practice

6cp; lecture, 18 hours (3 days); simulated workshops, 18 hours (3 days)

Postgraduate

This subject introduces students to the Graduate Diploma in Midwifery by providing an overview of the course and registering authority's requirements. Students develop an understanding and appreciation of the role of the midwife as a health care professional in the provision of contemporary maternity care. Students are introduced to a philosophy for midwifery practice, and apply this as they begin to develop their knowledge, skills and attitudes required to provide midwifery care. Students are prepared for midwifery practice in a simulated learning environment. The fundamental literacy, information technology and cognitive skills that underpin practice judgment and professionalism are developed concurrently with other subject content.

Typical availability

Autumn semester, City campus

92637 Supporting Families

6cp; 3hpw (workshops) Postgraduate

The transition from pregnancy to parenthood is a significant life event and the midwife plays an important role in the early days of parenting. Supporting and promoting breastfeeding is an important focus of this subject. The subject explores theories of maternal–infant attachment and bonding, and public health issues such as safe sleeping. Students also develop the knowledge, skills and attitudes required to work with women whose transition is complicated by perinatal mental health issues and child protection concerns.

Typical availability

Spring semester, City campus

92713 Health Breakdown

6cp; intensive mode; clinical studies subject Clinical studies subject Postgraduate

This subject focuses on the development of an in-depth understanding of selected pathophysiological concepts and processes, such as: stress response; altered consciousness; impaired immunocompetence and nutrition; disruption of fluid, electrolytes and acid-base balance; altered gas exchange; and disruption of cardiac, renal and respiratory functions. The application of these processes and concepts provides a knowledge base for registered nurses to improve clinical judgments and decision-making in the management of patients with complex changes in health status.

Typical availability

Autumn semester, Kuring-gai campus Spring semester, Kuring-gai campus

92721 Health Promotion and Health Education

6cp; intensive mode; 500-level subject; professional studies subject Requisite(s): 24 credit points of completed study

Professional studies subject

Postgraduate

The aim of this subject is for students to establish an expanded knowledge base in the theory and processes of health promotion, including health education, which can be applied in a range of health settings. Students extend their understanding so they may participate in the planning process for health promotion programs.

Typical availability

Autumn semester, Kuring-gai campus Spring semester, Kuring-gai campus

92760 Fundamentals of Postanaesthesia Recovery Nursing

6ср

This subject aims to expand students' awareness and understanding of the postanaesthesia recovery unit nursing role. It also develops their knowledge of the physiological and psychosocial needs of the surgical patient in the immediate postoperative period, and the legal obligations of the nurse in the postanaesthesia recovery unit.

92785 Midwifery in Complex Situations

6cp; intensive mode; clinical studies subject Clinical studies subject

Postgraduate

This subject prepares students to assess, plan, implement and evaluate midwifery care for women and babies who have complex needs. The legal, ethical and professional responsibilities of the midwife are examined in relation to the provision of care for this group.

Typical availability

Spring semester, City campus

Note(s)

This subject was formerly named Midwifery in Complexity.

92790 Evidence-based Practice

6cp; weekly or intensive mode; research subject Research subject Postgraduate

This subject aims to expand students' understanding of, and commitment to, the development of evidence-based nursing and midwifery practice. Students are given the opportunity to develop a broad understanding of quantitative approaches to nursing research without becoming preoccupied with statistical analysis. Having completed the subject, students are able to evaluate research findings and extract their clinical relevance.

Typical availability

Autumn semester, Kuring-gai campus Spring semester, Kuring-gai campus

92812 Project

12cp; one-semester subject; equivalent to 2 x 500-level subjects; work with project supervisor Equivalent to 2 x 500-level subjects Postgraduate

This project aims at the completion of a supervised but independent development of a topic in an extended piece of written work of 8000-10,000 words (excluding references, appendices and tables). This extended piece of work may take a variety of forms, for example, a long essay, clinical practice guidelines, or development and evaluation of an education program.

Typical availability

Autumn semester, Kuring-gai campus Spring semester, Kuring-gai campus

92845 Primary Health Care

6cp; intensive mode Postgraduate

This subject examines the systems in place to prevent and manage a chronic disease such as diabetes. These include the Chronic Care Model, the Enhanced Primary Care Program, the National Integrated Diabetes Program and Clinical Information Strategies. Throughout this subject primary health care concepts are used as a theoretical backdrop for understanding these programs as well as appreciating the therapeutic relationship between diabetes educators and those for whom they provide care. The common psychological experiences in diabetes and their management are examined from an individual and family perspective. This subject broadens students' orientation to helping people manage and cope with diabetes by emphasising a self-management model of care. Self management is recognised as a way of preventing disease progression, reducing hospital admissions and the costs both direct and indirect of the disease. The barriers to optimal self management are explored and strategies to support self management addressed.

Typical availability

Spring semester, City campus

92847 Planning and Evaluating Health Services

6cp; intensive mode; 500-level subject; professional studies subject Professional studies subject

Postgraduate

This subject aims to provide students with the necessary knowledge and skills to understand and apply the major concepts involved in health services planning and evaluation.

Typical availability

Autumn semester, City campus

92848 Facilitation of Clinical Learning

6cp; intensive

Postgraduate

This subject has been designed for nurse clinicians who have, or will have, responsibility for the successful transition of nursing students and new graduates into the clinical environment. Through the application of adult learning principles, participants become aware of the conditions that encourage and promote effective and efficient clinical learning. In addition, they have the opportunity to design a program of clinical teaching, and are encouraged to evaluate their own development as preceptors and facilitators of clinical learning.

Typical availability

Autumn semester, Kuring-gai campus

92869 Specialty Clinical Practice

6ср

Clinical practice subject

Postgraduate

In this subject students achieve an advanced level of clinical and professional competency in their chosen clinical specialty through a program of integrated and clinically based learning strategies. The subject requires students to expand their clinical and professional knowledge and extend and refine their practice. Learning experiences are directed to the management of patient care, the clinical environment and services, professional responsibilities, leadership and collaboration, problem solving and evaluation, education strategies, inquiry and investigation.

Autumn semester, Kuring-gai campus Spring semester, Kuring-gai campus

92871 Perinatal Development

6cp; intensive mode; clinical studies subject Clinical studies subject Postgraduate

This subject aims to assist students in understanding the influence of prematurity and adverse perinatal factors on the adaptation of the neonate to the extrauterine environment. Consideration is given to the initial assessment and management of the compromised neonate and the neonate at risk. While this subject critically explores the health team's response to premature and adverse birth outcomes, the nurse's role is highlighted. Throughout this subject the neonate is recognised as an individual and as a family member.

92873 Midwifery Practice 1

6cp; intensive mode; clinical practice subject Clinical practice subject Postgraduate

This subject provides the theoretical underpinnings to enable students to acquire the requisite knowledge, skills and attitudes for midwifery practice. The primary focus of this subject is on women experiencing a normal childbearing period. Professional practice placements are a compulsory requirement and are assessed within this subject.

Typical availability

Autumn semester, City campus

Note(s)

This subject was formerly named Midwifery Clinical Practice.

92876 Therapeutic Interventions in Mental Health Care

6cp; intensive mode; clinical studies subject Clinical studies subject

Postgraduate

This subject has two primary purposes. The first is to expand knowledge and understanding of somatic therapies in mental health care, primarily psychotropic medications. To achieve this, students review findings regarding the biological understandings of mental distress and associated treatments. These approaches are integrated into other social, cultural and psychological understandings about mental distress. The second purpose is to give participants a hands-on experience of various interpersonal therapeutic modalities currently practised in mental health settings and of relevance to mental health nurses. This involves individual, group and family approaches. Where possible, participants are encouraged to link with groups engaged in therapies of interest in their clinical settings to enrich their understanding of and competence in these approaches.

92878 Care of the Child in Illness and Disability

6cp; intensive mode; clinical studies subject Postgraduate

This subject extends the student's theoretical knowledge for practice in paediatric nursing. The relationship between scientific and nursing knowledge and informed practice is emphasised. Health breakdown in infants, children and adolescents, related pathophysiology and epidemiology, assessment and diagnostics, and disability are examined. Therapeutic interventions and nursing management for infants, children and adolescents with health breakdown states and disability are also evaluated. Issues related to growth and development, the care of families and the development of paediatric nursing as a specialty are explored.

92881 Foundations of Perioperative Nursing

6cp; intensive mode; clinical studies subject Clinical studies subject Postgraduate

This subject aims to expand the students' awareness and understanding of the perioperative nursing role. It also aims to develop the students' foundational knowledge of the impact of the surgical experience on the individual and his or her significant others (e.g. partner, family, friend) and the legal obligations of the nurse in the operating suite environment.

Typical availability

Autumn semester, Kuring-gai campus

92882 Techniques in Perioperative Nursing

6cp; intensive mode; clinical studies subject Clinical studies subject Postgraduate

This subject aims to further develop students' knowledge of the physiological, psychosocial and surgical needs of the patient (adult and child) undergoing common surgical procedures. Pre-, intra- and postoperative nursing assessment and care are explored in depth, as well as the broader aspects of technological issues associated with the surgical environment. An in-depth knowledge of anatomy is also developed.

Typical availability

Spring semester, Kuring-gai campus

92887 Organisational Management in Health Care

6cp; intensive mode; professional studies subject Professional studies subject Postgraduate

Organisations are a part of everyone's life and world, dominating much of what people are and what they do. Organisational theory focuses on the goals of organisations, and the structures, strategies, processes and cultures within. In this subject, the concepts of organisation and organisational behaviour are considered. Knowledge of organisational behaviour provides a framework for the management of people and processes in an organisation, in this case, health care organisations. One of the increasingly important functions of managers is to understand how to meet objectives, enhance performance and govern the organisation's outcomes. Doing so requires an understanding of how humans behave and how organisations and the managers within them positively or negatively impact upon employees' capacity to accomplish organisational goals, and how performance, knowledge and change are managed in complex organisations.

Typical availability

Spring semester, City campus

92893 Midwifery Practice 2

 $\ensuremath{\mathsf{6cp}}\xspace;$ tutorial and laboratory sessions/clinical placement; clinical practice subject

Clinical practice subject

Postgraduate

This subject provides the theoretical underpinnings to enable students to acquire the requisite knowledge, skills and attitudes for midwifery practice. The primary focus of this subject is on women experiencing maternity emergencies that require the midwife to recognise, react and respond appropriately. Professional practice placements are a compulsory requirement and are assessed within this subject.

Typical availability

Spring semester, City campus

Note(s)

This subject was formerly named Midwifery Practice.

92894 Advanced Clinical Practice

6cp; 500-level subject; clinical practice subject Requisite(s): 24 credit points of completed study AND 92869 Specialty Clinical Practice Clinical practice subject Postgraduate

In this subject, students who are experienced nurse clinicians undertake learning experiences in advanced practice which enables them to function as advanced practitioners. The subject requires students to extend their knowledge, skills and performance to the practice levels of an advanced practitioner. Learning experiences are based in the practice setting and require students to demonstrate clinical, management and professional expertise.

Typical availability

Spring semester, Kuring-gai campus

92895 Issues in Neonatal Care

6cp; intensive mode; clinical studies subject Clinical studies subject Postgraduate

This subject enables students to advance their knowledge of neonatal health dysfunction and its management through critical evaluation of practice. The pathophysiology of disease processes common to the neonatal period is utilised in conjunction with behavioural assessment as rationales for nursing intervention. Consideration is given to the long-term health consequences associated with health dysfunction during the neonatal period. The impact of neonatal health dysfunction on the family and society is explored and the nurse specialist's role in neonatal nursing emphasises leadership and innovative practice.

92902 Care of the Acutely Ill Child

6cp; intensive mode; clinical studies subject Clinical studies subject Postgraduate

This subject advances students' theoretical knowledge to that required for specialist paediatric nursing practice when children with complex health breakdown states require nursing care. Nursing knowledge is applied to the management of infants, children and adolescents in complex health breakdown states. Children's pain and its management are examined and the place of technology in paediatric nursing practice is explored. The development of policy and standards of practice for acutely ill children are considered and nursing approaches to death and dying, loss and grief issues are evaluated.

92905 Dimensions of Anaesthesia Nursing

6cp; intensive mode; clinical studies subject Clinical studies subject Postgraduate

This subject aims to expand students' understanding of the anaesthetic nursing role. It develops their knowledge and awareness of the physiological and psychosocial needs of the patient experiencing anaesthesia, being ventilated or requiring pain management.

Typical availability

Autumn semester, Kuring-gai campus

92917 Using Health Care Data for Decision Making

6cp; intensive mode; professional studies subject Professional studies subject Postgraduate

This subject provides a supervised experiential opportunity for the graduate student with an interest in clinical or managerial decision-making in the health services sector to explore and manipulate 'real' patient data to both generate and answer questions. The focus may be managerial, clinical or integrated between these two. Theoretical input is limited to allow for more in-depth use of the database. The subject helps students to develop the ability to generate and answer research questions and make decisions based on available health sector data.

Typical availability

Autumn semester, Kuring-gai campus

Note(s)

This subject was formerly named Using Data in Health Care Analysis.

92918 Fundamentals of Critical Care Nursing

6cp; intensive mode; clinical studies subject Clinical studies subject Postgraduate

This subject develops the knowledge and understanding of critical care nursing practice in relation to the management of critically ill patients with acute cardiovascular, respiratory, neurological, renal and metabolic instability and who require emergency and critical care interventions. The impact of acute illness and the critical care environment on seriously ill patients and their families is explored.

Typical availability

Autumn semester, Kuring-gai campus

92919 Complex Critical Care

6cp; intensive mode; clinical studies subject Clinical studies subject Postgraduate

This subject develops the knowledge and understanding of critical care nursing practice in relation to the management of critically ill patients with complex, interdependent disorders requiring emergency and critical care interventions. The issues of loss and grief for patients, their families and critical care staff are explored.

Typical availability

Spring semester, Kuring-gai campus

92920 Neuroscience: Trauma and Cerebrovascular

6cp; block; clinical studies subject Clinical studies subject Postgraduate

This subject focuses on the principles of neuroscience nursing practice. The focus of study is persons who have had an injury to the nervous system and alterations to cerebrovascular flow. The subject content is explored using clinical case studies and a framework that reflects a holistic model of care.

Typical availability

Autumn semester, Kuring-gai campus

92921 Neuroscience: Degenerative and Oncological

6cp; intensive; clinical studies subject Clinical studies subject Postgraduate

This subject is designed to enhance the clinical knowledge base and clinical decision-making skills of nurses working with persons with neurological and neurosurgical conditions. The subject focuses on the effects of malignant and non-malignant tumours, degenerative disorders, and disturbances to electrical conduction, infections and acute and chronic pain states.

Typical availability

Spring semester, Kuring-gai campus

92922 The Meaning of Birth

6cp; block, 3 days x 8 hours (face-to-face) + 6 hours (on-line) Undergraduate and Postgraduate

This subject exposes students to sociopolitical discourses that inform the experience of childbirth for women and their families, and the role of the midwife in that experience. Examining popular culture helps to stimulate students to consider and debate relevant psychosocial and political issues. Students engage in an ongoing process of questioning their own attitudes, values and feelings. Elements of research, self-reflection (as a student and as a future midwife) and woman-centred approaches assist students to prepare for what it means to be a midwife. In order to have a fuller understanding of the meaning of birth, theories of grief and loss are also explored.

Typical availability

Autumn semester, City campus (GradDipMid students) Spring semester, City campus (BMid students)

92923 Continuity of Midwifery Care

6cp; intensive; clinical studies subject Clinical studies subject Postgraduate

This subject enables students to explore ways in which midwives can respond to the identified needs of women as the primary focus of the midwives' relationship, and through them identify the needs of their families and significant others. Collaboration and interdisciplinary issues are explored within the context of the woman's life and the socio-political dimensions of families.

Typical availability

Summer session, City campus

92925 Models of Midwifery Care

6cp; mixed (lectures, seminars, group work, class presentations, inquiry-based learning, assignments); 500-level subject 500 level

Postgraduate

This subject enables midwives to critically evaluate the benefits, obstacles and developmental strategies associated with innovative maternity service provision in Australia and internationally, in both public and private health systems. A particular focus of inquiry is the multiple ways midwives work in partnership with women. This includes accessing and critiquing contemporary research findings that inform practice development, ethical decision-making, interprofessional collaboration and the implementation of cost-effective changes in maternity service provision. Students identify the personal and professional support and the practice development necessary to engender confidence in all those working to provide new models of maternity care. A framework that addresses the philosophical foundation of midwifery and the construction of midwifery knowledge underpins this subject.

Typical availability

Autumn semester, Kuring-gai campus

92926 Information Management Application

6cp; intensive; 500-level subject; professional studies subject Requisite(s): 92917 Using Health Care Data for Decision Making Professional studies subject

Postaraduate

Building on the prerequisite subject 92917 Using Health Care Data for Decision Making, this subject offers health professionals a unique opportunity to use their developing data analysis skill on a 'real life' problem of interest. Students complete a project in association with a health care delivery setting, using administrative data, supervised by faculty, staff and other health professionals. The process of completing the project offers an invaluable experience of interdisciplinary collaboration.

92927 Evidence-based Practice (Midwifery)

6cp; intensive mode; research subject Research subject

Postgraduate

This subject provides students with the knowledge, skills and attitudes to be able to effectively use evidence to inform midwifery practice as well as be research aware within the clinical practice environment. Students gain a broad understanding of quantitative and qualitative approaches to research. The ability to critique the evidence assists students formulate evidence-based guidelines. A focus on using woman-centred language helps students develop the skills needed to be able to discuss research findings with women in practice.

Typical availability

Autumn semester, City campus (postgraduate students) Spring semester, City campus (undergraduate students)

92932 Management for Clinicians

6cp; intensive; professional studies subject Professional studies subject

Postgraduate

This is an introductory subject for clinicians who are expected to manage a ward or unit. It introduces the concept of management theory and practice in health care settings. No experience in or prior knowledge of management is required.

Typical availability

Autumn semester, City campus

92934 Clinical Management of Diabetes

6cp; intensive Postgraduate

This subject expands on foundation clinical knowledge and develops in-depth knowledge specific to the aetiology and pathophysiology of diabetes including prevention, risk factor screening and management strategies. The impact of diabetes on specific population subgroups and their particular interdisciplinary management needs are also examined along with acute and chronic diabetes complications. This subject also provides an overview of the impact of diabetes and jurisdictional, national and international responses to the diabetes epidemic.

Typical availability

Autumn semester, City campus

92938 Midwifery Practice Development

6cp; distance plus two days workshop attendance; 500-level subject; midwifery subject

Midwifery subject

Postgraduate

Development of midwifery practice at both national and international levels is being challenged through changes in health care policies, research findings related to childbearing and caring, and the economic imperatives that drive health care services. This subject examines these factors and a range of midwives' possible responses. The use of evidence in the development of best practice forms a significant component of this subject.

Typical availability

Spring semester, Kuring-gai campus

92946 Project Part A

6cp; one-semester subject; 500-level subject Postgraduate

In this subject students are supervised but independently develop a topic in an extended piece of written work.

This extended piece of work is generally:

- a critical review of literature in relation to a defined topic, or
- a data analysis/project, or
- · an extension of a work-based project.

The project may be taken as a 6-credit-point subject (i.e. this subject only) or as a 12-credit-point subject in association with 92947 Project Part B, with varying expectations in terms of the grounding in the literature, complexity of topic choice and the word length of the paper.

Typical availability

Autumn semester, Kuring-gai campus Spring semester, Kuring-gai campus

92947 Project Part B

6cp; one-semester subject; 500-level subject Postgraduate

The project is a supervised but independent development of a topic in an extended piece of written work. This extended piece of work is generally:

- a critical review of literature in relation to a defined topic, or
- a data analysis/project, or
- an extension of a work-based project.

The project may be taken as a 6- or 12-credit point subject with varying expectations in terms of the grounding in the literature, complexity of topic chosen, and the word length of the paper. When choosing a topic, its suitability relative to these varying expectations should be discussed with the supervisor.

Typical availability

Autumn semester, Kuring-gai campus Spring semester, Kuring-gai campus

92972 Health Care Research Methodology

6cp; intensive, mixed; 500-level subject; research subject Research subject

Postgraduate

This subject provides an understanding and appreciation of the multiple ways through which knowledge is generated in specific relationship to the disciplines of nursing and midwifery, and health care in general. Students are exposed to the breadth of research methodologies that can be employed for such knowledge generation. Emphasis is placed on relationships between research question/problem, methodology and method. Basic descriptive research methods are used as exemplars of knowledge generation. Completion of the subject enables students to critically appraise an appropriate methodology and method for their chosen area of research inquiry. In addition, the subject explores how to situate an area of inquiry within existing knowledge, proposal writing, as well as ethical and practical issues of conducting research in nursing, midwifery and health care.

Typical availability

Autumn semester, City campus

92973 Developing Health Care Theory

6cp; intensive, mixed; 500-level subject; research subject Research subject Postgraduate

This subject focuses on understanding nursing, midwifery and health care phenomena through methodological approaches such as grounded theory and phenomenology. Descriptive and comparative studies examining relationships among variables and predictive modelling are used as exemplars of research approvals for theory development. Design issues, such as identifying and recruiting participants, theoretical sampling, and data collection including survey design, data analysis and interpretation are addressed. Concepts such as validity, reflexivity, trustworthiness of data and applicability are examined in relation to the methodological approaches explored throughout the subject.

Typical availability

Spring semester, City campus

92974 Investigating Health Care Change

6cp; intensive, mixed; 500-level subject; research subject Research subject Postgraduate

This subject situates research within the processes of examining practice change in nursing, midwifery and health care. Methodological processes, such as descriptive and experimental design, and action research are used as exemplars of investigating practice change. Practical issues of production of evidence, use of clinically meaningful outcomes, and development of strategies to overcome barriers to practice change are explored. Research challenges, including appropriate selection of design, research participants, sample size, data collection, including selection of appropriate measures, data analysis and interpretation of results are studied. Concepts such as validity, reliability, and rigour are examined in relation to the methodological approaches explored throughout the subject.

Typical availability

Spring semester, City campus

92975 Master of Nursing (Honours) Thesis

Оср

For details on this subject contact the faculty research administrator: Iulie Funnell

telephone +61 2 9514 4879 email Julie.Funnell@uts.edu.au

Typical availability

Autumn semester, Kuring-gai campus Spring semester, Kuring-gai campus

92976 Master of Midwifery (Honours) Thesis

Оср

For subject details, contact the research administration officer: telephone +61 2 9514 4834

email NMHResearch.StudentsAdmin@uts.edu.au

Typical availability

Autumn semester, Kuring-gai campus Spring semester, Kuring-gai campus

92977 Master of Health Services (Honours) Thesis

Оср

For subject details, contact the research administration officer: telephone +61 2 9514 4834

email NMHResearch.StudentsAdmin@uts.edu.au

Typical availability

Autumn semester, Kuring-gai campus Spring semester, Kuring-gai campus

92979 Health Services Dissertation

Оср

For subject details, contact the research administration officer: telephone +61 2 9514 4834

email NMHResearch.StudentsAdmin@uts.edu.au

92980 D Midwifery Dissertation

Оср

For subject details, contact the research administration of ficer: telephone +61 2 9514 4834 $\,$

email NMHResearch.StudentsAdmin@uts.edu.au

Typical availability

Autumn semester, Kuring-gai campus Spring semester, Kuring-gai campus

92981 D Nursing Dissertation

Оср

For subject details, contact the research administration of ficer: telephone +61 2 9514 4834 $\,$

email NMHResearch.StudentsAdmin@uts.edu.au

Typical availability

Autumn semester, Kuring-gai campus Spring semester, Kuring-gai campus

92983 Specialty Practice

6cp

Clinical practice subject Postgraduate

In this subject students achieve an advanced level of clinical and professional competency in their chosen clinical specialty through a program of integrated and clinically based learning strategies. The subject requires students to expand their clinical and professional knowledge and extend and refine their practice. Learning experiences are directed to the management of patient care, the clinical environment and services, professional responsibilities, leadership and collaboration, problem solving and evaluation, education strategies, inquiry and investigation.

Typical availability

Autumn semester, Kuring-gai campus Spring semester, Kuring-gai campus

92984 PhD Thesis: Nursing

Ocr

For subject details, contact the research administration officer: telephone +61 2 9514 4834

 $email\ NMHR es earch. Students Admin @uts.edu. au$

93000 PhD Thesis: Midwifery

Оср

For subject details, contact the research administration officer: telephone +61 2 9514 4834

email NMHResearch.StudentsAdmin@uts.edu.au

93001 PhD Thesis: Health

Оср

For subject details, contact the research administration officer: telephone +61 2 9514 4834

email NMHResearch.StudentsAdmin@uts.edu.au

93002 Knowledge Utilisation and Policy in Health Services and Practice

6ср

This subject focuses on the concept of knowledge utilisation and the relationship between evidence-based decision-making and the health service context from the individual-clinical to a population-policy level. This includes exploring a range of knowledge utilisation/practice development models; guideline development, policy development, and practice development.

Typical availability

Autumn semester, City campus

93003 Research Inquiry: Processes and Practices

6ср

This subject builds on existing knowledge by further developing research awareness, knowledge and skills. The subject examines the philosophical foundations of research inquiry; assists students to further develop a range of abilities required to emerge as a beginning independent researcher and lifelong learner.

Typical availability

Autumn semester, City campus Autumn semester, Kuring-gai campus

93004 Research Design and Analysis in Health Services and Practice

6ср

This subject deepens and extends students' knowledge of a range of research designs/methods and methodological or theoretical frameworks to explore a range of health services issues. This enables the development of appropriate strategies for researching/analysing their own practice and practice context. Several experts in the field present seminars on innovative and collaborative research in health services and practice.

Typical availability

Spring semester, City campus

93005 Leading Change in Health Services and Practice

6cp

This subject examines the development of health services through an exploration of innovative and collaborative research into leadership, policy and international practice. A series of presentations by (or interviews with) visiting fellows from a range of disciplines, health settings and locations throughout Australia and internationally are established to showcase research excellence in leading change in health services and practices.

Typical availability

Spring semester, City campus

93006 Clinical Practice (Diabetes)

6cp; intensive

Requisite(s): 92934 Clinical Management of Diabetes AND 015356

Learning in Diabetes Education

Postgraduate

This subject allows students to complete 40 hours of clinical observation in an approved centre to meet specific objectives which focus on ADEA core competencies.

Typical availability

Autumn semester, City campus

93007 PhD Thesis: Sport and Exercise

Оср

For subject details, contact the research administration officer:

telephone +61 2 9514 4834

email NMHResearch.StudentsAdmin@uts.edu.au

95563 Digital Media Development Process

6cp; 2hpw, face-to-face (students should spend an average of 9–12hpw, including class time); availability: postgraduate degree students

Postgraduate

This subject examines the nature of the interactive multimedia development process. It explores multimedia development teams, roles and methods in a group work setting. Students work with a real-world client to redesign their web presence and develop detailed proposals and specifications. This is an 'action learning' subject where students learn by doing. It has an intensive workload.

Typical availability

Autumn semester, City campus Spring semester, City campus

95564 Digital Media Technologies

6cp; availability: postgraduate degree students Postgraduate

This subject provides an overview of some of the software and hardware technologies utilised in the development and maintenance of moderately complex websites exhibiting sophisticated interactivity and requiring a systematic approach to management.

It provides an opportunity for students to demonstrate an understanding of the skills and issues relevant to the creation and management of websites of moderate complexity. These skills may include HTML authoring, CSS design, browser scripting with JavaScript, interaction with back-end database environments using scripting engines such as PHP, database management systems such as MySQL, and other skills as appropriate.

Typical availability

Autumn semester, City campus Spring semester, City campus

95565 Digital Graphics and the Still Image

6cp; availability: postgraduate degree students Postgraduate

This subject introduces students to the production of screen-based graphics in the context of the online environment. It also focuses on developing analytic skills in visual literacy and visual grammar. Students are expected to produce projects for assessment demonstrating a high level of critical visual awareness. The subject aims to develop an appreciation of basic graphic design, typographic principles and audience awareness, especially in relation to social, cultural and ethical issues.

Typical availability

Autumn semester, City campus Spring semester, City campus

95566 Digital Information and Interaction Design

6cp; availability: postgraduate degree students Postgraduate

This subject introduces students to the information and interaction design element of the multimedia production process. It encourages students to critically engage with interdisciplinary approaches to information and interaction design in a context of peer support and feedback, in order to forge their own unique personal theory. This theory is then applied to a real-world design project in which students work with a client, with advice and input from industry professionals.

Typical availability

Autumn semester, City campus Spring semester, City campus

95567 Digital Media in Social Context

6cp; availability: postgraduate degree students Postgraduate

This subject uses the interdisciplinary approach of media studies to explore the debates around the role of the media in society, and the changes that digital media are reflecting and contributing to that role. It takes some of the common terms associated with the new media, such as information revolution, global village, collapse of time and space, globalisation, constant change and new forms of democracy, and analyses their usage in an historical context to facilitate an informed and critical view of the issues.

Typical availability

Autumn semester, City campus Spring semester, City campus

95568 Digital Sound and the Moving Image

6cp; availability: postgraduate degree students Postgraduate

This subject introduces students to the uses of sound, moving image and interactivity in multimedia. Using practical and theoretical approaches, students are expected to examine the role of sound and the moving image in interactive media and refine the ability to make informed choices about using animation, audio and visual techniques in interactive contexts. The program used and supported in this class is Adobe Flash. Students gain basic skills in creating and

applying sound and moving image for online products, together with programming skills in Flash's programming language Actionscript to increase interactivity.

Typical availability

Autumn semester, City campus Spring semester, City campus

95569 Digital Media Project

12cp; availability: postgraduate degree students Requisite(s): 48 credit points of completed study in C04158 Master of Interactive Multimedia

Postgraduate

This is a capstone project subject where students consolidate their knowledge, skills and experience acquired in their studies. This is realised in the planning, development and production of a digital media product in a collaborative learning environment of a multimedia production team. Students are encouraged to critically innovate and experiment in their development process in the context of addressing a particular need as well as making an original contribution to the field of multimedia. The subject also provides students with the opportunity to explore possibilities for future development of their digital media product and careers in the multimedia industry.

Typical availability

Autumn semester, City campus Spring semester, City campus

95570 Knowledge Transfer and Research Commercialisation

6cp; availability: not offered to exchange and study abroad students Postgraduate

The commercialisation of research take place in a complex legal, commercial and scientific/cultural environment. In this subject students learn to understand their role, capacity and potential as an agent for such commercialisation. The subject provides students with practical information and builds skills and capacities in the identification of commercialisation opportunities and the implementation of commercialisation processes appropriate to the students research.

95571 Research Project Management

6cp; availability: not offered to exchange and study abroad students Postgraduate

This subject allows students to assess, plan and manage a chosen research project as a basis for learning about project management lifecycles and generic project management processes including initiating, planning, executing, controlling and evaluating the project. The subject introduces techniques for managing the project's stakeholders as well as those regarding its scope, time cost, quality, communication, procurement and risk.

95572 Entrepreneurial Foundations

6cp; availability: not offered to exchange and study abroad students Postgraduate

This subject assists students to develop and systematically apply an entrepreneurial way of thinking that allows them to create and/or identify opportunities that may be commercialised successfully. Entrepreneurship is the process of seizing or creating opportunity without regard to the resources you own. It is the process of building something from nothing; risk is involved.

95573 Leadership and Workplace Communication

6cp; availability: not offered to exchange and study abroad students Postgraduate

Workplace communication, team and leadership skills are essential to the multi-dimensional methods of research management and research commercialisation. This subject introduces students to various schools of thought surrounding leadership by examining the practical implications of these within a research environment. It also develops students own leadership and related communication skills through interactive and collaborative practical learning experiences.

95575 Public Policy in Research

6cp; availability: not offered to exchange and study abroad students Postgraduate

This subject offers an introduction to the world of public policy designed to specifically raise awareness about the relationship between research and public policy. A number of themes and issues on the relationship between research and public policy are introduced enabling a better understanding of public policy. The subject enables students to develop and deepen their understanding of the processes of policy analysis, development and implementation, and contributes towards them becoming more effective policy actors.

95582 PhD Thesis: Sustainable Futures

Ocr

Students enrol in this subject as the thesis component of the Doctor of Philosophy in Sustainable Futures (C02037) (see page 478). Further information is available from the Institute for Sustainable Futures.

Typical availability

Autumn semester, City campus Spring semester, City campus

95583 Master of Sustainable Futures Thesis

Оср

Students enrol in this subject as the thesis component of the Master of Sustainable Futures (C03032) (see page 491). For further details contact the Institute for Sustainable Futures.

95584 Contexts for Research Management

6cp; availability: not offered to exchange and study abroad students Postgraduate

The practice of research management is shaped, to a large extent, by the policy and structural contexts within which institutions, and researchers function. Thus, research managers operating at the higher levels of the profession require advanced understandings of discourses of globalisation, such as 'the knowledge economy'; those of national interest such as 'the national innovation system'; and conceptual debates in connection with quality, impact, scientific merit, 'public good' and triple bottom line thinking as determinants of the value proposition for research activity in both the public and the private sectors.

The subject aims to introduce the student to a number of concepts and analytical approaches necessary for the development and critical appraisal of your understanding of the environments within which research management practices take place, and for the development of practical responses to maximise the efficiency and effectiveness of research management in those environments.

Typical availability

Autumn semester, City campus Spring semester, City campus

95585 Managing Research Careers

6cp; availability: not offered to exchange and study abroad students Postgraduate

This subject aims to provide the students with an understanding of the patterns of research career development, and of the principles and mechanisms of career self-management. It aims to assist the student to develop the analytical approaches to professional development needs of researchers, and the personal skills of effective presentation to employers at various levels in the research and research management fields.

Typical availability

Autumn semester, City campus Spring semester, City campus

95586 Strategic Issues in Research Management

6ср

Postgraduate

Research management is an increasingly specialised and complex professional field involving both values-based strategic decision-making and a plethora of interrelated compliance, governance and administrative functions. Research management takes place in both public and private sector contexts, and facilitates delivery of the economic, social and cultural benefits expected of research.

This subject, the second of two focused on research management issues, deals with a number of the key strategic concerns which are part of a senior research manager's activity.

The subject aims to provide a foundation of understandings and skills for the exercise of senior research management roles including a focus throughout on quality assurance and risk management.

Typical availability

Autumn semester, City campus Spring semester, City campus

95587 Principles and Practice of Research Management

6cp; availability: not offered to exchange and study abroad students Postgraduate

Research management is an increasingly specialised and complex professional field involving both values-based strategic decision-making and a plethora of interrelated compliance, governance and administrative functions. Research management takes place in both public and private sector contexts, and facilitates delivery of the economic, social and cultural benefits expected of research.

This subject, the first of two, deals with a number of the key foundational principles and practices which are part of a research manager's activity.

The subject aims to improve an understanding of the range of frameworks and issues involved in the field of research management. In exploring these frameworks and issues, the subject acknowledges the human factors in research organisations and examines the data management systems and other technologies which underpin the operation of a typical research services unit.

Typical availability

Autumn semester, City campus Spring semester, City campus

95588 Research and Global Sustainability

6cp; availability: not offered to exchange and study abroad students Postgraduate

Global sustainability will be the driving force changing the way we work and live in the 21st century; a primary focus in our intellectual and material work, as well as in our collective and individual lives. Demands for greater accountability and transparency are increasing for government, corporations and civil society, particularly in the context of the knowledge economy, with significant ramifications for the accepted norms of R&D, including scientific merit, technological advancement and research integrity. Globalisation, revolutions in communication and information, increased environmental and social awareness are pressing leaders, citizens and communities alike to view the future in very different ways.

This subject deals with a number of key principles and practices relating to global sustainability, which are part of an R&D manager's activity and operating context. Global sustainability will be viewed as a case study of an emergent field in R&D, against the background of R&D's historical and ongoing responsibility for many of the phenomena requiring amelioration under the global sustainability agenda.

95589 PhD Thesis: Pharmacy

Оср

Requisite(s): C02056 Doctor of Philosophy For subject description, contact UTS: Pharmacy.

95590 Master of Pharmacy Thesis

Оср

For subject description, contact the Graduate School of Health.

95591 Master of Pharmaceutical Sciences Thesis

Оср

For subject description, contact the Graduate School of Health.

95723 Research Dissertation 1 (Sustainable Futures)

24ср

For subject description, contact UTS: Institute for Sustainable Futures.

95724 Research Dissertation 2 (Sustainable Futures)

24cp

Requisite(s): 95723 Research Dissertation 1 (Sustainable Futures) There are also course requisites for this subject. See access conditions.

 $For subject description, contact \, UTS: Institute \, for \, Sustainable \, Futures.$

96001 Introduction to Pharmacy

6ср

In this subject students are introduced to the profession of pharmacy and the role of the pharmacist in health care. The regulatory environment in which pharmacists work, as well as ethical and professional standards are addressed. An overview of the Australian health care system is provided, including the laws and policies governing the supply and use of medicines, in particular the National Strategy for Quality Use of Medicines. A number of core themes are introduced in this subject that are reinforced and expanded in subsequent subjects: health and illness, health literacy and health promotion.

96002 Concepts in Pharmaceutical Sciences

6cp

This subject covers the fundamental principles in pharmaceutical science and is an essential prerequisite of applied therapeutics and clinical practice. The first half of the subject provides an overview of drug discovery and development. The sources of medicinal products from plants and other galenicals, drug action at target macromolecules (including receptors, enzymes and nucleic acids) and approaches in the evaluation of drug response and drug stability are covered. The significance of functional groups to pharmacological activity, disposition and delivery are also discussed. The second half focuses on approaches used in drug discovery and development. Topics include rational drug design and functional biology. Analytical methods used in the analysis of parent molecules, metabolites and degradation products are also studied.

96003 Pharmaceutics

6ср

This unit of study establishes the principle concepts of pharmaceutics required for drug formulation, therapeutics and practice. The relationship between physiological, physiochemical and biopharmaceutical properties of drugs; dosage form design and delivery; and drug disposition and therapeutic response are established. Topics covered include: pharmaceutical, formulation, biopharmaceutical and pharmacokinetic considerations in dosage form design; the physiochemical basis governing drug solubility; solid dosage forms, liquid dosage forms, topical dose forms and semisolids; pharmaceutical inserts; sterile dosage forms including parenterals and biologics; and inhalation pharmaceuticals. Current good manufacturing and laboratory practices, packaging and labelling, and the influence of manufacture and distribution on product quality are also covered. Other topics covered include microbiological contamination and sterilisation procedures.

96004 Professional Services 1

6ср

For subject description, contact the Graduate School of Health.

96005 Professional Services 2

6cp; 6hpw, on campus; availability: students enrolled in the Master of Pharmacy course only

Requisite(s): 96004c Professional Services 1 AND 96006c Integrated Therapeutics 1 AND 96007c Drug Disposition AND 96008c Evidence Based Practice

There are also course requisites for this subject. See access conditions.

Postgraduate

Quality and rational use of medicines are one of the major objectives of clinical practice. It is evident that patients need to be compliant with their medications to ensure optimal use and clinical outcomes. At the same time poly-pharmacy may result in drug related problems which could lead to negative clinical outcomes. This subject examines the process of defining, planning, implementing and evaluating a compliance service. It reviews the major causes of non-adherence and strategies to assist adherence. The communication and behavioural aspects of patient-pharmacist interactions are also covered. The aims of a clinical intervention service are to identify, document and resolve drug-related problems. The various processes which lead to a drug-

related problem are examined, including the communication and behavioural aspects of doctor-pharmacist interactions. The process considers account matters such as the technology used, legislation, compliance, ethics, pharmaceutical science, patient safety, clinical aspects and competency standards.

Typical availability

Spring semester, City campus

96006 Integrated Therapeutics 1

6cp; 6hpw, on campus

Requisite(s): 96005c Professional Services 2 AND 96007c Drug Disposition AND 96008c Evidence Based Practice AND 96001c Introduction to Pharmacy AND 96002 Concepts in Pharmaceutical Sciences AND 96003 Pharmaceutics AND 96004 Professional Services 1 AND 96015 Clinical Practice 1

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject focuses on the optimal use of pharmacotherapy and integrates concepts in medicinal chemistry and pharmaceutics in the clinical management of disease. The core topics covered are cardiology, respirology, gastroenterology, pain and infectious disease. The epidemiology, pathophysiology and diagnosis of disease in these therapeutic areas are reviewed together with relevant treatment and disease management options.

Typical availability

Spring semester, City campus

96007 Drug Disposition

6cp; 6hpw, on campus; availability: students enrolled in the Master of Pharmacy course only

Requisite(s): 96002c Concepts in Pharmaceutical Sciences AND 96003 Pharmaceutics AND 96005c Professional Services 2 AND 96006c Integrated Therapeutics 1 AND 96008c Evidence Based Practice

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject covers the principle topics in pharmacokinetics, pharmacogenetics and pharmacodynamics required for applied therapeutics and practice. Core topics include: monoexponential kinetics; multiexponential kinetics; intravenous infusions; multiple dosing and dosage regimen design; non-linear kinetics; drug absorption; bioequivalence; drug distribution; drug metabolism; drug elimination; metabolite kinetics; pharmacodynamics; and toxicology. Advanced topics cover factors affecting drug efficacy including drug interactions and sources of variability (including the role of pharmacogenetics) in therapeutic outcomes. Applied topics include therapeutic drug monitoring and drug individualisation, and adverse drug reactions.

Typical availability

Spring semester, City campus

96008 Evidence Based Practice

6cp; 6hpw, on campus

Requisite(s): 96001c Introduction to Pharmacy AND 96005c Professional Services 2 AND 96006c Integrated Therapeutics 1 AND 96007c Drug Disposition

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject focuses on the development of information retrieval, critical thinking and problem-solving skills. Students are introduced to the areas of evidence-based practice, pharmacoepidemiology and drug information, and their relevance to current pharmacy practice. Using current pharmacy practice examples, students develop skills in finding drug information, performing literature searches, critically evaluating the literature and applying evidence-based practice principles to ensure quality use of medicines.

Typical availability

City campus, Spring semester

96009 Professional Services 3

6cp

Requisite(s): 96005 Professional Services 2

There are also course requisites for this subject. See access conditions.

For subject description, contact the Graduate School of Health.

96010 Integrated Therapeutics 2

6ср

Requisite(s): 96006 Integrated Therapeutics 1

There are also course requisites for this subject. See access conditions

This subject focuses on the optimal use of pharmacotherapy (i.e. medicines) in the clinical management of core health conditions. Using an integrated approach, the epidemiology, pathophysiology, diagnosis, and clinical presentation of illness and disease are reviewed alongside relevant treatment and disease management options, highlighting the medicinal chemistry, pharmacology, formulation, administration and clinical properties of targeted therapies. The burden of disease and use of pharmacotherapy in special populations (e.g. paediatric, geriatric, Indigenous) are highlighted. In line with national health priority areas (AIHW), major health issues in Australia (NHMRC) and the global burden of disease and injuries (WHO), this subject focuses on cancer control, pain management (e.g. arthritis and musculoskeletal conditions), neurological disease (e.g. epilepsy), mental health (e.g. depression) and gastrointestinal health (e.g. gastric ulcer disease).

96011 Primary Health Care

6ср

Requisite(s): 96006 Integrated Therapeutics 1

There are also course requisites for this subject. See access conditions.

Pharmacists are said to be the first point of contact with consumers for their healthcare and wellness needs. The results of these consultations could be referral to medical practitioners and other care providers, the supply of non-prescription medications or advice. This subject provides students with the knowledge and skills to make appropriate clinical decisions to assist the consumer to self-manage or to seek relevant health advice. Disease, symptom, non-prescription medication, screening and treatment are covered. Prevention, health promotion and wellness theory and practice are reviewed and applied to the role of pharmacy. The areas of anti-smoking, weight management and lifestyle changes are used as examples.

96012 Professional Services 4

6cr

Requisite(s): 96009c Professional Services 3

There are also course requisites for this subject. See access conditions.

For subject description, contact the Graduate School of Health.

96013 Integrated Therapeutics 3

6cp

Requisite(s): 96010c Integrated Therapeutics 2

There are also course requisites for this subject. See access

This subject focuses on the optimal use of pharmacotherapy (i.e. medicines) in the clinical management of core health conditions. Using an integrated approach, the epidemiology, pathophysiology, diagnosis, and clinical presentation of illness and disease are reviewed alongside relevant treatment and disease management options, highlighting the medicinal chemistry, pharmacology, formulation, administration and clinical properties of targeted therapies. The burden of disease and use of pharmacotherapy in special populations (e.g. paediatric, geriatric, Indigenous) are highlighted. In line with national health priority areas (AIHW), major health issues in Australia (NHMRC), and the global burden of disease and injuries (WHO), this subject focuses on: infectious diseases; oncology and haematology (e.g. cancer); and dermatological diseases (including ocular and aural health).

96014 Molecule to Market

6cp

Requisite(s): 96002c Concepts in Pharmaceutical Sciences There are also course requisites for this subject. See access conditions.

This subject covers the drug development process from laboratory to patient - a high risk and high cost process. One in 10,000 compounds make it to market. The subject outlines the stages of drug development. The process begins with drug discovery that can take five years in assessing 10,000 compounds. Of these 10,000 compounds, 250 have pre-clinical studies conducted that can take upwards of two years. Of these 250 compounds, only five make it to clinical trials, which can take six years. This includes phase 1 to phase 3 clinical studies and what is involved in conducting these studies. The successful compound has the necessary chemistry, pre-clinical and clinical data for a regulatory dossier to be compiled and submitted to the Therapeutic Goods Administration (TGA) in Australia. The TGA is responsible for evaluating the efficacy, safety and quality of the compound. Access to medicines for patients involves product registration via the TGA and pricing reimbursement via the Pharmaceutical Benefits Division (PBD). This subject also outlines what is involved in successfully registering a medicine and listing it with the Pharmaceutical Benefits Scheme (PBS).

96015 Clinical Practice 1

6ср

This subject practically applies the theory learned and the skills developed through coursework to the real-life practice environment. Students spend dedicated periods of time in a supervised practice setting, utilising their knowledge and skills to optimise the use of pharmacotherapy in the: management and care of patients; delivery of health services and interventions (e.g. health promotion activities); and/or quality use of medicines projects. Students maintain a clinical portfolio to demonstrate their professional development according to PSA National Competency Standards Framework for Pharmacists in Australia and SHPA Standards of Practice. This subject focuses on experiential learning in the community practice environment through weekly half-day placements as well as block placements.

96016 Clinical Practice 2

12cp; 4hpw, off-campus, (weekly placement); 35hpw, online, (virtual placement: two weeks); 35hpw, off-campus, (block placement: four weeks)

Requisite(s): 96015c Clinical Practice 1

There are also course requisites for this subject. See access conditions.

Postgraduate

This subject practically applies the theory learned and the skills developed through coursework to the real-life practice environment. Students spend dedicated periods of time in a supervised practice setting, utilising their knowledge and skills to optimise the use of pharmacotherapy in the: management and care of patients; delivery of health services and interventions (e.g. health promotion activities); and/or quality use of medicines projects. Students maintain a clinical portfolio to demonstrate their professional development according to PSA National Competency Standards Framework for Pharmacists in Australia and SHPA Standards of Practice. This subject focuses on experiential learning via block placements in community, hospital and alternative practice settings (e.g. pharmaceutical industry, rural settings, compounding sites, specialist clinics and professional organisations).

Typical availability

City campus, Spring semester City campus, Summer session

96017 Clinical Practice 3

6ср

Requisite(s): 96016 Clinical Practice 2

There are also course requisites for this subject. See access conditions.

This subject practically applies the theory learned and the skills developed through coursework to the real-life practice environment. Students spend dedicated periods of time in a supervised practice setting, utilising their knowledge and skills to optimise the use of pharmacotherapy in the: management and care of patients; delivery of health services and interventions (e.g. health promotion activities);

and/or quality use of medicines projects. Students maintain a clinical portfolio to demonstrate their professional development according to PSA National Competency Standards Framework for Pharmacists in Australia and SHPA Standards of Practice. This subject focuses on advanced experiential learning via elective block placements in various practice settings (community pharmacy, hospital pharmacy, pharmaceutical industry, rural settings, compounding sites, specialist clinics and professional organisations). Students may undertake specific projects to explore and/or facilitate the use of medicines, including health promotion activities, clinical audits, evaluation of interventions, development of resources and activities to support special populations (e.g. Indigenous health, aged care).

96018 International Placement 1

12cp

For subject description, contact UTS: Pharmacy.

96019 International Placement 2

12cp

For subject description, contact UTS: Pharmacy.

96723 Research Dissertation 1 (GSH)

24cc

For subject description, contact UTS: Pharmacy.

96724 Research Dissertation 2 (GSH)

24cc

Requisite(s): 96723 Research Dissertation 1 (GSH) There are also course requisites for this subject. See access conditions.

For subject description, contact UTS: Pharmacy.

97101 Chinese Language and Culture 1

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

This subject is designed for students with no previous knowledge of Chinese. It enables students to meet their communication needs in everyday social interaction in China and other Chinese-speaking communities, not only by developing basic skills in listening, speaking, reading and writing, but also by developing an understanding of Chinese culture. By the end of this subject students are able to interact with native speakers in a simple and culturally appropriate way by making statements and asking and answering questions on very familiar topics. They understand common words and basic phrases concerning themselves, their families and their immediate surroundings, when people speak slowly and clearly. Pinyin, the official transcription system, is used as a guide to the pronunciation of the Chinese language, and students learn to recognise approximately 300 characters and read familiar names, words and very simple sentences. Students are able to write short, simple notes, messages or postcards, fill in forms with personal details and understand and appreciate aspects of Chinese culture.

Typical availability

Autumn semester, City campus

97102 Chinese Language and Culture 2

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97101 Chinese Language and Culture 1

This subject is designed for students who have successfully completed Chinese 1 or its equivalent. It continues to develop students' communicative competence in basic social interactions and their knowledge of Chinese culture. Students learn to communicate in simple and routine tasks on familiar topics and activities and handle very short social exchanges. They learn to understand phrases and vocabulary related to areas of immediate personal relevance and to catch the main point in short, clear, simple messages. They learn to use Pinyin to acquire a sound basis of Chinese pronunciation and intonation, recognise approximately 600 characters, and read short, simple texts written in characters. Students learn to write brief notes, messages, diary entries and very simple personal letters, and understand aspects of Chinese culture and society.

Typical availability

Spring semester, City campus

97103 Chinese Language and Culture 3

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97102 Chinese Language and Culture 2

This subject is designed for students who have successfully completed Chinese 2 or its equivalent. It develops students' oral communicative proficiency to satisfy their basic survival needs and to enhance their ability to use Chinese characters by gradually introducing more written texts. Students learn to deal with most situations in areas where the language is spoken and to understand the main points of clear standard speech when the delivery is relatively slow and clear. They also learn to enter unprepared into conversation on topics that are of personal interest or pertinent to everyday life. They acquire approximately 1200 characters and understand texts that consist of everyday language. Students are also taught to write simple connected texts and to describe personal experiences and impressions, and acquire a knowledge and appreciation of Chinese culture and society.

Typical availability

Autumn semester, City campus

97104 Chinese Language and Culture 4

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97103 Chinese Language and Culture 3

This subject is designed for students who have successfully completed Chinese 3 or its equivalent. It further develops students' communicative competence to enable them to interact with native speakers of Chinese in a range of basic social situations. Great emphasis is placed on the introduction of more written texts which allow students to use Chinese characters more confidently. Students learn to understand extended speech and follow the lines of argument on reasonably familiar topics, and interact with Chinese speakers with a degree of fluency and spontaneity, participate in discussion and express personal viewpoints in familiar contexts. Students acquire approximately 1600 characters, and read and understand literary prose and articles concerned with contemporary problems. Students learn to write clear and detailed texts related to personal interests, and understand Chinese culture and Chinese ways of thinking.

Typical availability

Spring semester, City campus

97105 Chinese Language and Culture 5

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97104 Chinese Language and Culture 4

This subject is designed for students who have successfully completed Chinese 4 or its equivalent. It aims to further develop students' communicative competence in general social interactions with a focus on developing their practical writing skills. By the end of this subject, students are able to use the language and express themselves flexibly and effectively for social purposes. They are able to understand extended and more complex speech, and understand the main points of common radio, TV programs and films. Students are able to acquire approximately 2000 characters, and read and comprehend long and complex texts with a range of written styles. They are able to write clear, well-structured texts, discussing social and cultural issues with personal points of view and understand Chinese culture and contemporary Chinese society.

Typical availability

Autumn semester, City campus

97106 Chinese Language and Culture 6

8cp; 2hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97105 Chinese Language and Culture 5

This subject is designed for students who have successfully completed Chinese 5 or its equivalent. It further develops students' reading and writing skills while reinforcing their communicative competence in general social interactions. Students learn to take part effortlessly in any conversation or discussion, and have a good familiarity with idiomatic expressions and colloquialisms. They learn to understand the majority of TV and radio programs and films, acquire about 2500 characters, and learn to read with ease virtually all forms of written texts such as reports, essays and literary works. They also learn to write clear, smoothly-flowing text in an appropriate style and have a deep understanding of Chinese culture and contemporary Chinese society.

Typical availability

Spring semester, City campus

97109 Chinese Mass Media

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97107 Chinese Language and Culture 7 OR 97108 Chinese Language and Culture 8 OR 97110 Twentieth Century Chinese Fiction OR 97111 Chinese Festivals and Ceremonies OR 97112 Chinese Film

This subject is designed for students who have a good knowledge of Chinese. It aims to develop a high level of communicative competence using various formats and current knowledge about contemporary China. The teaching focuses on understanding varieties of media sources, including daily news, newspaper/magazine articles and current affairs reports. Students are exposed to a range of Chinese texts to develop their knowledge of listening and speaking capabilities through watching CCTV daily news, class discussions and other activities. By the end of this subject, students are able to read newspaper/magazine articles and understand daily news on TV with ease. They also acquire good skills for selecting and summarising the contents of various media sources and writing essays on a topic about China.

Typical availability

Autumn semester, City campus Spring semester, City campus

97110 Twentieth Century Chinese Fiction

8cp; 2hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97107 Chinese Language and Culture 7 OR 97108 Chinese Language and Culture 8 OR 97109 Chinese Mass Media OR 97111 Chinese Festivals and Ceremonies OR 97112 Chinese Film

This subject is designed for students who have successfully completed Chinese 9, Chinese Ceremonies and Festivals, Chinese Film, Chinese Mass Media, or who are native speakers of Modern Standard Chinese. It develops students towards a high level of communicative competence in reading and writing, and an understanding of modern and contemporary Chinese society. It does this by exposing them to a range of texts of twentieth-century Chinese literature and history, language and culture, as well as documentaries and films. Students gain a general understanding of modern Chinese literature and are able to acquire language varieties in Modern Standard Chinese with the ability to use them appropriately. Students also develop a critical way of thinking and write reviews and essays of about 3000 characters.

Typical availability

Autumn semester, City campus

97111 Chinese Festivals and Ceremonies

8cp; availability: exchange and study abroad students with faculty approval $% \left(1\right) =\left(1\right) \left(1\right$

Requisite(s): 97106 Chinese Language and Culture 6 OR 97112 Chinese Film OR 97107 Chinese Language and Culture 7 OR 97108 Chinese Language and Culture 8 OR 97109 Chinese Mass Media OR 97110 Twentieth Century Chinese Fiction

This subject is designed for students with functional competence in oral and written Chinese. It aims to develop a high level of communicative capacity and cultural awareness using various formats and current knowledge about Chinese language and culture. The teaching focuses on major Chinese festivals and ceremonies. Students are exposed to a range of Chinese texts to develop their knowledge of Chinese culture as lived experience and understanding of Chinese ideas, beliefs and values embedded in daily practices and cultural conventions. They are also provided with opportunities to improve their oral and written communicative skills through class discussions, debates, oral presentations, reading, and writing. By the end of this subject, students have gained a good understanding of Chinese cultural traditions and conventions as well as a sound knowledge of Chinese festivals and ceremonies; at the same time, they have enhanced their speaking, reading and writing proficiency in Chinese. The subject is taught in Chinese.

Typical availability

Autumn semester, City campus Spring semester, City campus

97112 Chinese Film

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 97106 Chinese Language and Culture 6 OR 97111 Chinese Festivals and Ceremonies OR 97107 Chinese Language and Culture 7 OR 97108 Chinese Language and Culture 8 OR 97109 Chinese Mass Media OR 97110 Twentieth Century Chinese Fiction

This subject is designed for students with functional competence in oral and written Chinese. It aims to develop a high level of communicative capacity and cultural awareness using feature films of the Post-Mao era. Students are exposed to some of the best films of the last three decades to develop their knowledge of Chinese culture as lived experience and their understanding of social change in China. They are also provided with opportunities to improve their listening, speaking, reading and writing skills through class discussions, debates, oral presentations, reading, and writing. By the end of this subject, students have gained a good understanding of a broad range of cultural practices and social change over the last three decades; at the same time, they have enhanced their proficiency in Chinese. The subject is taught in Chinese.

Typical availability

Autumn semester, City campus Spring semester, City campus

97201 Japanese Language and Culture 1

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

This is the first unit in the Japanese Language and Culture program. It is designed as a first step in providing students with the basic survival language skills and sociocultural awareness to enable them to undertake in-country study in Japan.

While focusing primarily on the development of speaking and listening skills, the subject also provides a working knowledge of the hiragana and katakana scripts and approximately 50 kanji. Discussions of sociolinguistic and cross-cultural issues are an integral part of the language lessons.

The subject focuses on the development of skills required for the most basic predictable situations in which the speaker might initially be required to communicate.

This subject forms the basis for further study (Japanese 2).

Typical availability

Autumn semester, City campus

97202 Japanese Language and Culture 2

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97201 Japanese Language and Culture 1

This subject is designed for students who have completed Japanese 1 or its equivalent. It aims to further develop students' communicative competence on a range of topics, including discussions on families, making appointments and visiting people.

By the end of this subject, students should be able to demonstrate the language and sociocultural skills required to establish and develop relationships, and to fulfil basic survival needs in a Japanese-speaking environment

By the completion of this subject, students are expected to be able to read and write $150\,\mathrm{kanji}$. This subject lays the basis for further studies in Japanese language and culture (Japanese 3).

Typical availability

Spring semester, City campus

97203 Japanese Language and Culture 3

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97202 Japanese Language and Culture 2

This subject is designed for students who have completed Japanese 2 at UTS or its equivalent. It is also the entry point for students who have completed HSC Japanese (Continuers). Informal spoken Japanese is introduced in this subject. The aim of the subject is to develop students' spoken skills and their sociocultural awareness of when to use the different language registers according to social relationships in Japanese. By the end of this subject, students are expected to have developed their listening and spoken skills to the level where they can communicate effectively in a range of everyday situations. Students

are expected to be able to read and write approximately 250 kanji by the end of this subject.

This subject lays the basis for further studies in Japanese language and culture (Japanese 4).

Typical availability

Autumn semester, City campus

97204 Japanese Language and Culture 4

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97203 Japanese Language and Culture 3

This subject is designed for students who have completed Japanese 3 or its equivalent. In this subject students consolidate their skills in listening, reading, writing and speaking. It is designed to broaden students' knowledge of Japanese language and culture. Upon completion of this subject students should be able to interact in limited social, academic and work contexts with Japanese speakers and are expected to be able to read and write approximately 350 kanji. The learning of the sociocultural use of the language is an integral part of this subject. Students are also required to use a range of resources that facilitate independent language learning.

This subject lays the basis for further studies in Japanese language and culture (Japanese 5).

Typical availability

Spring semester, City campus

97205 Japanese Language and Culture 5

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97204 Japanese Language and Culture 4

This subject is the third in a series of four subjects in the post-HSC series, and is for those who have successfully completed either Japanese 4 or its equivalent. It aims to further develop listening, speaking, reading, writing and cultural skills.

The subject focuses on the development of language skills and cultural sensitivity required in formal and informal situations which occur in both routine social, and limited vocational areas. It forms the basis for further study (Japanese 6, usually only run in Autumn semester).

Typical availability

Autumn semester, City campus

97206 Japanese Language and Culture 6

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97205 Japanese Language and Culture 5

This subject subject aims to consolidate and further improve students' oral performance and report-writing skills and their cultural sensitivity in both formal and informal situations. By the end of this subject, students are expected to have achieved minimal vocational proficiency and be able to speak the language with sufficient structural accuracy and vocabulary to participate effectively in limited conversations on social and vocational topics. By the end of the subject, students are expected to be able to read and write approximately 600 kanji. The learning of the sociocultural use of the language is an integral part of this subject. Students are also required to use a range of resources that facilitate independent language learning.

This subject lays the basis for further studies in Japanese language and culture (Japanese 7).

Typical availability

Spring semester, City campus

97207 Japanese Films and Popular Culture

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97206 Japanese Language and Culture 6 OR 97208 Japanese Language and Identity OR 97209 Japanese Media and Current Issues OR 97210 Transcultural Communication in Japanese

This subject is designed to provide students who have successfully completed Japanese 6 or its equivalent with the ability to consolidate and extend their knowledge of Japanese in preparation for a period of in-country study in Japan.

Throughout this subject, students are expected to continue to develop the communication skills required to function effectively in

academic contexts in Japan. In the first half of the subject, the focus is on the development of academic reading and writing skills and the acquisition of vocabulary based on reading, understanding and discussing various topics and viewpoints on the interrelationships between Japanese language and culture. In the second half of the subject, the focus is on the comprehension of university lectures in Japan, with an emphasis on the development of listening and note-taking skills. In terms of literacy development, students are expected to be able to recognise and pronounce the kanji introduced in the subject materials, to increase their pace of reading as a result of regular and habitual reading and improved dictionary skills, and to be able to write an increasing number of kanji as required for specific academic tasks.

Typical availability

Autumn semester, City campus

97208 Japanese Language and Identity

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97206 Japanese Language and Culture 6 OR 97207 Japanese Films and Popular Culture OR 97209 Japanese Media and Current Issues OR 97210 Transcultural Communication in Japanese

This subject is designed to provide students who have successfully completed Japanese 7 or its equivalent with the ability to consolidate and extend their knowledge of Japanese. The main focus of this subject is on the further development of presentation skills and the skills required to undertake research in Japanese.

Throughout the subject, students are expected to actively engage in academic reading and writing and participate in classroom discussions. In terms of literacy development, students are expected to increase their pace of reading as a result of regular and habitual reading, and to be able to write and recognise an increasing number of kanji as required for specific academic tasks.

Typical availability

Spring semester, City campus

97209 Japanese Media and Current Issues

8ср

Requisite(s): 97206 Japanese Language and Culture 6 OR 97207 Japanese Films and Popular Culture OR 97208 Japanese Language and Identity OR 97210 Transcultural Communication in Japanese

Students examine current issues in Japanese media through: a) reading articles, essays and commentaries from a variety of sources, b) watching documentary films and news programs, c) class discussions and d) carrying out a research on a current issue to write a report and a presentation. The subject aims to provide students considerable opportunities to explore the contexts of current issues in order to gain deeper understandings of cultural aspects that underlie them. Throughout this subject, students are expected to consolidate and extend their knowledge of Japanese language in preparation for a period of in-country study in Japan, as well as a critical approach to cultural phenomena of both Japan's and their own. The subject is taught in Japanese.

97210 Transcultural Communication in Japanese

8ср

Requisite(s): 97206 Japanese Language and Culture 6 OR 97207 Japanese Films and Popular Culture OR 97208 Japanese Language and Identity OR 97209 Japanese Media and Current Issues

This subject is designed to provide students considerable opportunities to engage with Japanese culture, language and people. Students will examine the socio-cultural context in which the language is used under globalisation. It questions what constitutes Japanese language and culture and what it means to speak in Japanese with people of different cultural background in a transcultural environment where cultural and linguistic diversity and mobility are prominent across borders. Students are required to read or otherwise prepare extensively in preparation for classroom presentations, discussions and debates.

97401 French Language and Culture 1

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

This subject is designed to provide students, who have no prior knowledge of the French language, with basic reading, listening, speaking and writing skills in French. The subject allows for an understanding of the sociocultural context in which the language is used. By the end of the semester, students are able to understand and use familiar words and basic sentence structures. They learn to answer and ask simple questions about themselves and others, describe people and surroundings, give directions and interact in a simple way on a familiar topic such as an invitation to go out or a restaurant situation.

Typical availability

Autumn semester, City campus

97402 French Language and Culture 2

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97401 French Language and Culture 1

This subject is designed to provide students who have little prior knowledge of the French language with basic reading, listening, speaking and writing skills in French. The subject allows for an understanding of the sociocultural context in which the language is used. By semester's end students are expected to communicate simple and routine tasks requiring a simple and direct exchange of information on familiar topics and activities, and use a wide range of grammatical concepts and familiar vocabulary in spoken and written French.

Typical availability

Spring semester, City campus

97403 French Language and Culture 3

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97402 French Language and Culture 2

This subject is designed to provide students who have some knowledge of French, with further skills in reading, listening, speaking and writing. The subject allows for an understanding of the sociocultural context in which the language is used. In addition to basic grammatical concepts, this subject encourages students to explore more complex structures such as hypotheses, causes, consequences, probabilities and improbabilities. Students take active part in discussions on subjects related to topical issues, including debating their pros and cons.

Typical availability

Autumn semester, City campus

97404 French Language and Culture 4

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97403 French Language and Culture 3

This subject is designed to provide students who have some knowledge of French with further skills in reading, listening, speaking and writing. The subject allows for an understanding of the sociocultural context in which the language is used. In addition to basic grammatical concepts, students are encouraged to explore more complex constructions such as writing formal letters and recognising literary French. They take active part in discussions on topical issues and are introduced to situations likely to arise while travelling in an area where the language is spoken.

Typical availability

Spring semester, City campus

97405 French Language and Culture 5

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97404 French Language and Culture 4

This subject is designed to provide students with a good understanding of French, with further skills in reading, listening, speaking and writing. The subject allows for an understanding of the sociocultural context in which the language is used. Students learn to use spoken and written language flexibly and effectively, presenting clear, detailed descriptions of complex subjects and expressing points of view on social and contemporary issues.

Typical availability

Autumn semester, City campus

97406 French Language and Culture 6

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97405 French Language and Culture 5

This subject is designed to provide students with a good understanding of French with further skills in reading, listening, speaking and writing. The subject allows for an understanding of the sociocultural context in which the language is used. By the end of the semester, students are expected to be able to express themselves fluently and spontaneously on a variety of topics explored in class, particularly issues related to society, culture and politics as well as situations likely to arise while travelling in an area where the language is spoken.

Typical availability

Spring semester, City campus

97407 Francophone Identities in Conflict

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97406 French Language and Culture 6 OR 97408 Show and Tell: Francophone Cultures on Display OR 97409 Francophone Cultures of Consumption OR 97410 Places and Spaces of the Francophone World

This subject is designed to provide students who have little or no difficulty in understanding and writing French with proficiency in reading, listening, speaking and writing in the language as well as considerable opportunities to engage with francophone culture. Students examine the sociocultural context in which the language is used, specifically with regard to questions of identity and conflict in the francophone world. Via written and oral assessments that demonstrate continuing mastery of the French language, students engage with a variety of historical and contemporary sources in a manner that considers their cultural provenance and role. Students are required to read or otherwise prepare extensively in preparation for classroom presentations, discussions and debates.

Typical availability

Autumn semester, City campus

97408 Show and Tell: Francophone Cultures on Display

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97406 French Language and Culture 6 OR 97407 Francophone Identities in Conflict OR 97409 Francophone Cultures of Consumption OR 97410 Places and Spaces of the Francophone World

This subject is designed to provide students who have little to no difficulty in understanding and writing French with proficiency in reading, listening, speaking and writing in the language as well as considerable opportunities to engage with Francophone culture. Students examine the socio-cultural context in which the language is used, specifically with regard to its interactions with visual media and/or performance in the Francophone world. Via written and oral assessments that demonstrate continuing mastery of the French language, students engage with these visual-linguistic sources in a manner which considers their cultural provenance and role. Students are required to read or otherwise prepare extensively in preparation for class.

Students are called on to analyse major linguistic aspects of texts and engage with their visual elements (films, television shows, advertisements, graphic novels, bandes dessines, plays, etc.). They develop a sound understanding of Francophone culture and the relationship between language and visual culture through group discussions, individual and group presentations, writing, independent research, and the production of an original work that emphasises the French language and the visual and/or performative.

Typical availability

Spring semester, City campus

97409 Francophone Cultures of Consumption

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 97406 French Language and Culture 6 OR 97407 Francophone Identities in Conflict OR 97408 Show and Tell: Francophone Cultures on Display OR 97410 Places and Spaces of the Francophone World

This subject is designed to provide students, who have little or no difficulty in understanding and writing French, with both proficiency in reading, listening, speaking and writing in the language and considerable opportunities to engage with Francophone culture. Students examine the socio-cultural context in which the language is used, specifically with regard to its interactions with consumer culture (broadly defined) in the Francophone world. Via written and oral assessments that demonstrate continuing mastery of the French language, students engage with source texts and objects in a manner that considers their cultural provenance and role. Students are required to read or otherwise prepare extensively in preparation for classroom presentations, discussions and debates.

97410 Places and Spaces of the Francophone World

8cp; availability: exchange and study abroad students with faculty approval $% \left(1\right) =\left(1\right) \left(1\right$

Requisite(s): 97406 French Language and Culture 6 OR 97407 Francophone Identities in Conflict OR 97408 Show and Tell: Francophone Cultures on Display OR 97409 Francophone Cultures of Consumption

This subject is designed to provide students, who have little or no difficulty in understanding and writing French, with both proficiency in reading, listening, speaking and writing in the language, and considerable opportunities to engage with Francophone culture. Students examine the socio-cultural context in which the language is used, specifically with regard to its interactions with place and the environment in the Francophone world. Via written and oral assessments that demonstrate continuing mastery of the French language, students engage with a variety of authentic sources in a manner that considers their cultural provenance and role. Students are required to read or otherwise prepare extensively in preparation for classroom presentations, discussions and debates.

97501 Spanish Language and Culture 1

8cp; 4hpw; availability: exchange and study abroad students with faculty approval $% \left(1\right) =\left(1\right) \left(1\right)$

This subject aims to provide students who have no prior knowledge of the Spanish language with a range of basic survival skills in order to express their immediate needs in Castilian and Latin American Spanish. Students learn how to give basic information and respond in a culturally and socially appropriate manner in oral and written forms. The four language skills of listening, speaking, reading and writing, both individually and in combination, are developed using authentic materials covering a variety of everyday situations. Signs, menus, narratives and other cultural texts are used for learning and students are taught to write messages or letters using familiar register. Students develop skills for planning, organising and presenting their ideas in Spanish and develop a basic understanding and appreciation of aspects of the cultures of Spanish-speaking peoples.

In addition to the four hours of teaching, students undertake independent learning study outside class time. This independent study is based on selected readings and exercises. Its aim is to expand the student's knowledge of the language and Hispanic cultures and is organised through individual and group tasks, including online activities.

All students undertaking language and culture study at UTS for the first time need to complete a level assessment form, obtained from UTS: International Studies, to ensure that they are placed in an appropriate level for classes. UTS: International Studies reserves the right to place students in a class that is appropriate for their level of language proficiency.

Typical availability

Autumn semester, City campus

97502 Spanish Language and Culture 2

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97501 Spanish Language and Culture 1

This subect is the second in a series of four subjects designed to provide students with no prior knowledge of the Spanish language with the basic survival skills in language and culture required to undertake in-country study in Latin America and Spain.

Emphasis is given to the development of speaking and listening skills required to establish and maintain relationships in social or work-related spheres, and fulfil basic survival needs in a Spanish-speaking environment. Students also expand their reading and writing skills. In addition the subject focuses on the development of sociocultural understanding relevant to appropriate language use.

The subject consists of 52 hours of classroom instruction. The approach adopted is communicative and provides students with many opportunities to interact and use the language in a meaningful way in various social and cultural contexts. Audio-visual equipment is used to facilitate learning.

This subject forms the basis for further study (Spanish3).

Typical availability

Spring semester, City campus

97503 Spanish Language and Culture 3

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97502 Spanish Language and Culture 2

This subject aims to provide students who have a good knowledge of the Spanish language with a broad range of social situations in order to express their needs in Castilian and Latin American Spanish. Students learn how to give precise information and respond in a culturally and socially appropriate manner in oral and written forms. The four language skills of listening, speaking, reading and writting, both individually and in combination, are further developed using authentic materials covering a variety of situations. Narratives, autobiographies and a variety of other cultural texts are used for learning and students are taught to write accounts, biographies, letters and to discuss future plans using familiar register. Students further develop skills for planning, organising and presenting their ideas in Spanish and develop a wide understanding and appreciation of aspects of the cultures of Spanish-speaking peoples.

In addition to the four hours of teaching, students undertake independent learning study outside class time. This independent study is based on selected readings and exercises. Its aim is to expand the student's knowledge of the language and Hispanic cultures and is organised through individual and group tasks, including online activities.

All students undertaking language and culture study at UTS for the first time need to complete a level assessment form, obtained from UTS: International Studies, to ensure that they are placed in an appropriate level for classes. UTS: International Studies reserves the right to place students in a class that is appropriate for their level of language proficiency.

Typical availability

Autumn semester, City campus

97504 Spanish Language and Culture 4

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97503 Spanish Language and Culture 3

This subject is the fourth in a series of four subjects designed for students with no prior knowledge of the Spanish language, or first in a series of four units for students who have successfully completed HSC Spanish, or its equivalent. It provides students with basic survival skills in language and culture and the ability to undertake in-country studies in Latin and South America.

This subject aims to consolidate and further improve the skills of aural comprehension and oral performance as well as reading and writing. In addition, it covers aspects of the literature and lifestyle of Latin America and Spain.

Typical availability

Spring semester, City campus

97505 Spanish Language and Culture 5

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97504 Spanish Language and Culture 4

This subject aims to provide students who have a firm knowledge of the Spanish language with a broad range of social situations in order to express their needs and ideas in Castilian and Latin American Spanish. Students learn how to express complex ideas and respond in a culturally and socially sensitive manner in oral and written forms. The four language skills of listening, speaking, reading and writing, both individually and in combination, are further developed using authentic materials covering a variety of situations. A range of authentic reading material, including texts with regional and social variants and specific registers such as alcoholism, immigration, education, child delinquency, poverty and short stories from Spain and Latin America, are used for learning, and students are taught to write complex letters and essays expressing a point of view. Students further develop skills for planning, organising and presenting their ideas in Spanish and develop a sophisticated understanding and appreciation of aspects of the cultures of Spanish-speaking peoples.

In addition to the four hours of teaching, students undertake independent learning study outside class time. This independent study is based on Hispanic literature containing short stories, a film analysis and essays expressing a point of view. Its aim is to expand the student's knowledge of the sociocultural context and is organised through individual and group tasks, including online activities.

All students undertaking language and culture study at UTS for the first time need to complete a level assessment form, obtained from UTS: International Studies, to ensure that they are placed in an appropriate level for classes. UTS: International Studies reserves the right to place students in a class that is appropriate for their level of language proficiency.

Typical availability

Autumn semester, City campus

97506 Spanish Language and Culture 6

8cp; 2hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97505 Spanish Language and Culture 5

This subject is the sixth in a series of six subjects for students with no prior knowledge of the Spanish language, or first in a series of six subjects for students who have successfully completed HSC Spanish, or its equivalent. One of the primary aims of this subject is to consolidate and extend students' skills in reading, writing, listening and speaking and prepares them to undertake in-country study in Latin America and Spain. In addition, it covers aspects of Latin American and Spanish people and culture, through contemporary Hispanic literature.

Typical availability

Spring semester, City campus

97507 Spanish Language and Culture 7

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97506 Spanish Language and Culture 6 OR 97508 Spanish Language and Culture 8

This subject aims to provide students who have a firm command of the Spanish language, with a broad range of social and political situations in order to express their needs, ideas and arguments in Castilian and Latin American Spanish. Students learn how to communicate in Spanish within a wide range of professional and academic situations at formal and informal levels in oral and written forms. The four language skills of listening, speaking, reading and writing, both individually and in combination, are further developed using authentic materials covering a wide variety of situations. A sophisticated range of authentic material, including films, documentaries, testimonies and music with lyrics with regional and social variants and specific registers, such as Cuba, Chile and Argentina, are used for learning and students are taught to deliver talks in Spanish, engage in debating specific topics and write critical essays.

In addition to the four hours of teaching, students undertake independent learning study outside class time. This independent study is based on multimedia material including written texts, films and documentaries and essays expressing a point of view. Its aim is

to expand the student's knowledge in the sociopolitical context and is organised through individual and group tasks, including online activities.

All students undertaking language and culture study at UTS for the first time need to complete a level assessment form, obtained from UTS: International Studies, to ensure that they are placed in an appropriate level for classes. UTS: International Studies reserves the right to place students in a class that is appropriate for their level of language proficiency.

Typical availability

Autumn semester, City campus

97508 Spanish Language and Culture 8

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97506 Spanish Language and Culture 6 OR 97507 Spanish Language and Culture 7

This subject aims to provide students who have a strong command of the Spanish language with a broad range of social and political situations in order to express their needs, ideas and arguments in Castilian and Latin American Spanish. Students learn further how to communicate in Spanish within a wide range of professional and academic situations at formal and informal levels in oral and written forms. The four language skills of listening, speaking, reading and writing, both individually and in combination, are further developed using authentic materials covering a rich variety of situations. A sophisticated range of authentic material, including films, documentaries, testimonies and music with lyrics, with regional and social variants, and specific registers, such as the Caribbean, the Andean countries, Latino-USA and Spain, are used for learning and students engage in impromptu debates of specific topics and write critical essays.

In addition to the four hours of teaching, students undertake independent learning study outside class time. This independent study is based on multimedia material including written texts, films and documentaries and essays expressing a point of view. Its aim is to expand the student's knowledge in the sociopolitical context and is organised through individual and group tasks, including online activities.

All students undertaking language and culture study at UTS for the first time need to complete a level assessment form, obtained from UTS: International Studies, to ensure that they are placed in an appropriate level for classes. UTS: International Studies reserves the right to place students in a class that is appropriate for their level of language proficiency.

Typical availability

Spring semester, City campus

97509 Spanish Language and Culture 9

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 97508 Spanish Language and Culture 8

In some instances, and with approval from relevant major coordinators, students in the combined degree in international studies may take higher level language and culture subjects at other universities through concurrent study arrangements. Students need to plan ahead and check the deadline for when cross-institutional applications close at the other university.

97510 Spanish Language and Culture 10

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 97509 Spanish Language and Culture 9

In some instances, and with approval from relevant major coordinators, students in the combined degree in international studies may take higher level language and culture subjects at other universities through concurrent study arrangements. Students need to plan ahead and check the deadline for when cross-institutional applications close at the other university.

976001 Foundations in International Studies

8cp; 3hpw; availability: exchange and study abroad students with faculty approval $% \left(1\right) =\left(1\right) \left(1\right)$

Undergraduate

The aim of Foundations in International Studies is to provide students with an understanding of contemporary international issues, approaches and perspectives. The subject is taught from various disciplinary perspectives, with a strong focus on social justice and regional comparison. The objectives of the subject are to develop effective academic presentation, research and writing skills necessary to make informed arguments within international studies and to prepare students for writing and presentation techniques used in the contemporary society and in-country study subjects of the Bachelor of Arts in International Studies. This subject requires students to use multidisciplinary approaches to build understanding of key international issues. Approaches taught include comparative sociology, cultural studies, socio-linguistics, political economy, studies of ethnicity and nationalism. Issues covered include environmental change, globalisation, migration, war, languages, and national identities.

Typical availability

Autumn semester, City campus

97601 German Language and Culture 1

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

This subject aims to enable students to meet their basic communication needs in everyday social interactions in German, not only by developing skills in listening, speaking, reading and writing German, but also by developing an understanding of the cultures of German-speaking countries. By the end of this subject, students learn to understand a range of everyday written language such as counting, telling the time, instructions and simple personal correspondence. Students also learn to write simple descriptions, complete basic forms and communicate appropriately in situations such as introducing themselves, exchanging personal information, asking and giving directions and discussing daily routines and past events. They develop an understanding of aspects of German-speaking culture and their relationship to appropriate language use as well as develop strategies for long-term effective language learning.

Typical availability

Autumn semester, City campus

97602 German Language and Culture 2

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97601 German Language and Culture 1

This subject enables students to meet their basic communication needs in everyday social interactions in German, through developing skills in listening, speaking, reading and writing German in a variety of social situations. In this subject, students continue to develop an understanding of aspects of German-speaking culture and appropriate language use as well as developing strategies for long-term effective language learning.

This subject lays the basis for further studies in German Language and Culture 3.

Typical availability

Spring semester, City campus

97603 German Language and Culture 3

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97602 German Language and Culture 2

In this subject, students further develop their evolving skills in listening, speaking, reading and writing in German, as well as developing a deeper understanding of the cultures of Germanspeaking countries. By the end of this subject, students are able to understand simple texts, effectively and confidently express opinions on familiar social or cultural issues in written and spoken discourse, and understand the gist of news and current affairs presented as part of authentic German television or radio programs. They are also able to communicate more effectively in familiar everyday social situations

as well as more specific contexts, for example the workplace or at university. Students further develop their understanding of aspects of German-speaking culture and their relationship to appropriate language use, as well as consolidate and expand strategies for long-term effective language learning.

Typical availability

Autumn semester, City campus

97604 German Language and Culture 4

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97603 German Language and Culture 3

This subject is the fourth in a series of four subjects designed for students with no prior knowledge of the German language, or second in a series of four subjects for students who have successfully completed HSC German at beginner level, or its equivalent. It aims to consolidate and further improve the skills of aural comprehension and oral performance as well as reading and writing. In addition, it covers aspects of the literature and lifestyle of Germany, and provides students with the linguistic skills to successfully take part in a course at a German university.

By the end of the subject, students are expected to have achieved the communicative competence required to satisfy more complex social and professional needs in speaking, listening, reading and writing skills and have developed an awareness of the various social and cultural contexts in which the language is used. Students develop the ability to understand the general content of magazine and newspaper articles.

This subject lays the basis for further studies in German language and culture (German Language and Culture 5).

Typical availability

Spring semester, City campus

97605 German Language and Culture 5

8cp; 2hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97604 German Language and Culture 4

This subject enables students to meet their communication needs in everyday social interactions in German, not only by developing skills in listening, speaking, reading and writing German, but also by developing an understanding of the cultures of German-speaking countries. Students gain an understanding of written texts such as newspaper and magazine articles and literature. These texts are also used as topics for discussion to develop students' listening and speaking skills in German. Students also learn to produce written texts such as a diary and a short essay. They also increase their understanding of current affairs in German-speaking countries.

Typical availability

Autumn semester, City campus

97606 German Language and Culture 6

8cp; 2hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97605 German Language and Culture 5

This subject corresponds to Level B2 (independent user) of the Common European Framework of Reference for Languages (Council of Europe). It is the fourth in a series of four subjects for students who have successfully completed HSC German, or its equivalent, or the second in the series for students doing German Language and Culture 5, 6, 7 and 8.

The subject aims to consolidate and further improve the skills of aural comprehension and oral performance as well as reading and writing in more demanding and complex situations concerning university life in Germany. In addition, it covers aspects of the literature and lifestyle of Germany, and provides students with the linguistic skills to successfully take part in a course at a German university. The subject assumes a sound knowledge of German elementary grammar and enables students to deal with more advanced grammar.

By the end of the subject, students are expected to have achieved the communicative competence required to satisfy more complex social and professional needs in speaking, listening, reading and writing skills and to have developed an awareness of the various social and cultural contexts in which the language is used. Students develop the ability to understand not only the general content of magazine

and newspaper articles but also the ability to comprehend academic texts. The approach adopted is communicative and provides many opportunities for students to interact and use the language in a meaningful way in various social and cultural contexts.

Typical availability

Spring semester, City campus

97607 German Language and Culture 7

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97606 German Language and Culture 6

The subject aims to consolidate and further improve students' already considerable skills of aural comprehension and oral performance as well as reading and writing in more demanding and complex situations concerning university life in Germany and other aspects of German society. It provides students with the linguistic skills to attend a German-speaking university. The subject assumes a sound knowledge of German elementary grammar and teaches students more complex and varied structures. By the end of the subject, students are expected to be approaching the communicative competence required to satisfy complex social and professional needs in speaking, listening, reading and writing skills and have developed an understanding of the various social and cultural contexts in which he language is used. Students also expand their ability to understand the general and specific content of sophisticated magazine and newspaper articles.

Typical availability

Autumn semester, City campus

97608 German Language and Culture 8

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97607 German Language and Culture 7

This subject corresponds to Level C1 (proficient user) of the Common European Framework of Reference for Languages (Council of Europe).

The subject aims to consolidate and further improve the skills of aural comprehension and oral performance as well as reading and writing in more demanding and complex situations concerning university life in Germany and other aspects of German society. In addition, it covers aspects of the literature and lifestyle of Germany, and provides students with the linguistic skills to successfully take part in a course at a German university. The subject assumes a sound knowledge of German elementary grammar and enables students to deal with more advanced grammar.

The subject consists of four hours face-to-face classroom instruction per week. The teaching approach adopted is communicative and provides many opportunities for students to interact and use the language in a meaningful way in various social and cultural contexts.

Typical availability

Spring semester, City campus

97609 German Language and Culture 9

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 97608 German Language and Culture 8

In some instances, and with approval from relevant major coordinators, students in the combined degree in international studies may take higher level language and culture subjects at other universities through concurrent study arrangements. Students need to plan ahead and check the deadline for when cross-institutional applications close at the other university.

97610 German Language and Culture 10

8cp; availability: exchange and study abroad students with faculty

Requisite(s): 97609 German Language and Culture 9

In some instances, and with approval from relevant major coordinators, students in the combined degree in international studies may take higher level language and culture subjects at other universities through concurrent study arrangements. Students need to plan ahead and check the deadline for when cross-institutional applications close at the other university.

976111 Contemporary China

8cp; 3hpw

Requisite(s): 976001 Foundations in International Studies

These requisites may not apply to students in certain courses. See access conditions.

Undergraduate

This subject deals with the politics of 'reading and writing' the People's Republic of China (PRC). It starts by examining the history of the PRC, from the Chinese Communist Party's (CCP) rise to power in 1949 to the death of Chairman Mao Zedong in 1976. A key focus is how the early CCP leadership attempted to resolve an issue that stalks the Chinese government even today, namely, the question of how to modernise China and still keep faith with the ethical imperatives of socialist transition. In doing so, the subject examines how Western commentators and mainland Chinese scholars have chosen to evaluate the Chinese revolution in different historical periods. The subject then outlines some of the enormous changes that have taken place in the PRC since the introduction of market-based reforms in December 1978. With the introduction of economic reform and opening up, China entered the postmodern, global community and now faces similar social concerns to those that inform Western societies: inflation, unemployment, environmental degradation, growing crime rates, and ethnic tensions. However, following the Chinese government's brutal suppression of the student protest movement in 1989, the PRC's response to many of these issues has been accompanied by Western criticisms of human rights' abuses and claims that the CCP has failed to abandon the 'totalitarian' politics of the now denigrated Maoist era. The subject concludes by asking students to determine whether such views are justifiable and how we should read and write present-day China.

Typical availability

Spring semester, City campus

976211 Contemporary Japan

8cp; 3hpw; availability: International Studies combined degree students; International Studies students on dual programs of study from UTS international partners; students enrolled in an International Studies sub-major; students wishing to take it as an elective; non-award students (including UTS staff and research postgraduates)

Requisite(s): 976001 Foundations in International Studies These requisites may not apply to students in certain courses. See access conditions.

Undergraduate

On completion of this subject, students have an overview of contemporary Japanese society. Students also have a grasp of the social, political and economic systems at play in Japan, how those systems interact in practice to shape culture, and a historical view of how those systems came into being. Some of the major themes students are able to analyse and discuss, using examples, include issues relating to the economic development achieved during the 20th century and current difficulties in reform. Some explanations are based on the unique and enigmatic nature of Japanese society, so students need to be able to discuss the nature of Japan. In order to be able to discuss current reform agendas in Japan, students also need to understand the formation of the workforce and fears about possible future directions of Japanese society.

Typical availability

Spring semester, City campus

976404 Contemporary Switzerland

8cp: 3hpw

Requisite(s): 976001 Foundations in International Studies
These requisites may not apply to students in certain courses. See access conditions.

Undergraduate

This subject has been designed to provide students with a basic understanding of contemporary Swiss history, politics, society and culture in national, continental and global contexts. In weeks 1 to 4, students follow an umbrella program, shared by all European contemporary society subjects, which introduces general issues relating to contemporary Europe: definitions of Europe, the drive to unification, internal divisions within Europe, and the impact of

migration. From week 5 onwards students pursue a separate program, focusing on contemporary Switzerland. The subject provides students with critical skills that allow them to identify major contemporary issues that shape present-day Swiss society. Insights are gained into long-term and more recent history and the complex notion of Swiss lentity. Topics include contemporary politics, regional, cultural and linguistic diversity, Swiss neutrality, Switzerland's role in the Second World War and its subsequent approach to that past, its relationship with the EU and broader international role. Students develop critical thinking skills relevant to the multidisciplinary nature of the subject.

Typical availability

Spring semester, City campus

976411 Contemporary France

8cp; 3hpw

Requisite(s): 976001 Foundations in International Studies These requisites may not apply to students in certain courses. See access conditions.

Undergraduate

The subject is designed to provide students with a basic understanding of contemporary French history, politics, society and culture in national, continental and global contexts. In weeks 1 to 4 students follow an umbrella program shared by all contemporary European society subjects, which introduces them to general issues relating to contemporary Europe: definitions of Europe, the drive to unification, internal divisions within Europe, and the impact of migration. From week 5 onwards they pursue a separate program, focusing on contemporary France. The subject provides students with critical skills that allow them to identify major contemporary issues that shape present-day French society. Insights are gained into France's long-term and more recent history and the notion of French identity within and beyond France itself. Topics include the aftermath of the Second World War, the concept and practice of the French Republic, France's 'revolutionary' aspect, France in the world, and issues relating to contemporary French culture and society. Students develop critical thinking skills relevant to the multidisciplinary nature of the subject.

Typical availability

Spring semester, City campus

976421 Contemporary Germany

8cp: 3hpv

Requisite(s): 976001 Foundations in International Studies These requisites may not apply to students in certain courses. See access conditions.

Undergraduate

This subject is designed to provide students with a basic understanding of contemporary German history, politics, society and culture in national, continental and global contexts. In weeks 1 to 4 students follow an umbrella program shared by all contemporary European society subjects, which introduces them to general issues relating to contemporary Europe: definitions of Europe, the drive to unification, internal divisions within Europe, and the impact of migration. From week 5 onwards, they pursue a separate program, focusing on contemporary Germany. The subject provides students with critical skills that allow them to identify major contemporary issues that shape present-day German society. Insights are gained into German history, politics and culture since the Second World War, including East and West Germany and the post-unification period. Topics cover the contested nature of German identity and memory of Germany's past, social movements and terrorism, social reforms and economic development, education, immigration and Germany's international role. Students develop critical thinking skills relevant to the multidisciplinary nature of the subject.

Typical availability

Spring semester, City campus

976431 Contemporary Italy

8cp; 3hpw; availability: International Studies combined degree students; International Studies students on dual programs of study from UTS international partners; students enrolled in an International Studies sub-major; students wishing to take it as an elective; non-award students (including UTS staff and research postgraduates)

Requisite(s): 976001 Foundations in International Studies
These requisites may not apply to students in certain courses. See access conditions.
Undergraduate

This subject has been designed to provide students with a basic understanding of contemporary Italian history, politics, society and culture in national, continental and global contexts. In weeks 1 to 4, students follow an umbrella program shared by all contemporary European society subjects. This introduces them to general issues relating to contemporary Europe: definitions of Europe, the drive to unification, internal divisions within Europe, and the impact of migration. From week 5, students in this subject pursue a separate program, focusing on contemporary Italy. The subject provides students with critical skills that allow them to identify major contemporary issues that shape present-day Italian society. Insights are gained into Italy's history since unification (in 1861) and the contested notion of Italian identity within and beyond Italy itself. Topics cover gender, religion, education, contemporary politics, the 'southern question', emigration and immigration. Students develop critical thinking skills relevant to the multidisciplinary nature of the subject.

Typical availability

Spring semester, City campus

976451 Contemporary Spain

8cp; 3hpw

Requisite(s): 976001 Foundations in International Studies These requisites may not apply to students in certain courses. See access conditions.

Undergraduate

This subject introduces students to selected aspects of contemporary Spanish history, culture and social life, and relates contemporary Spain to European and global histories. The overarching question that students are encouraged to ask and answer is 'What is Spain?' For the first four weeks of the subject students learn about general European issues: definitions of Europe, the drive to unification, internal divisions within Europe and the impact of migration. The Spain-specific lectures and seminars in the subject build from noting divergent and contradictory historical ways of conceptualising Spain, with attention paid to the legacies of waves of immigrant peoples and empires, religions and ethnicities. The subject also pays close attention to the modern history of Spain from the Second Republic in the 1930s, through the Civil War and Franco dictatorship to the restoration of democracy in the 1980s and the change in government in 2004, with specific investigation of regional drives, tourism and the manufacturing of 'Spanishness', gender and sexual politics, and the changing political and cultural climate. Students develop critical thinking skills relevant to the multidisciplinary nature of the subject.

Typical availability

Spring semester, City campus

976502 Contemporary Latin(o) Americas

8cp; 3hpw

Requisite(s): 976001 Foundations in International Studies These requisites may not apply to students in certain courses. See access conditions.

Undergraduate

This subject introduces students to the Spanish-speaking Americas and their sociocultural, political and economic dimensions. It begins with an overview of the periods of colonisation, independence and nation-state formation as stages vital to understanding Latin America's problematic insertion into Western modernity in the 20th century, and the complex interactions between the USA and the Spanish-speaking Americas since the mid-19th century. Students gain knowledge of important sociocultural and historical processes, as well as current theories, concepts and debates, in relation to patterns of change in Latin America and in an increasingly latinised USA, now the world's second largest Spanish-speaking country after Mexico. The subject links contemporary Latin American and US Latino peoples and cultures to broader processes of transnationalisation, globalisation

and transculturation. The subject encourages students to develop critical skills for identifying the major contemporary issues at work in the Spanish-speaking Americas. This is a core subject for students doing the combined degree in international studies with any of the following country specialisations: Chile, Argentina, Mexico and Latino USA. Other students may take this subject as an elective. The subject requires no prior knowledge of Latin America, Latino communities in the USA, or the Spanish language.

Typical availability

Spring semester, City campus

976602 Contemporary Canada (Quebec)

8cp; 3hpw

Requisite(s): 976001 Foundations in International Studies

These requisites may not apply to students in certain courses. See access conditions.

Undergraduate

This subject aims to provide students with a basic understanding of the history, politics, society and culture of Qubec (Canada). It examines the history of Qubec, with a particular focus on events since the Quiet Revolution. It provides an overview of the economic and political development of Qubec. Central themes in Qubec society such as nationalism, independence movements and language are studied. Literature, cinema and other cultural works provide case studies in which these and other issues are examined. The subject thus introduces students to Qubec's diversity and heterogeneity in regional, national, continental and international contexts. Students develop critical thinking skills relevant to the multidisciplinary nature of the subject. The subject gives students the opportunity to develop a critical appreciation of societies outside Australia.

Typical availability

Spring semester, City campus

977110 In-country Study 1: China

24cp; attendance at host university classes; availability: not offered to exchange and study abroad students

Requisite(s): 976111 Contemporary China AND 976001 Foundations in International Studies

Undergraduate

This subject is the key component of the China major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject recognises that intercultural competence is integral to professional practice. It aims to foster in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

Typical availability

Autumn semester, City campus

977210 In-country Study 1: Japan

24cp; attendance at host university classes; availability: not offered to exchange and study abroad students

Requisite(s): 976211 Contemporary Japan AND 976001 Foundations in International Studies

Undergraduate

This subject is the key component of the Japan major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject recognises that intercultural competence is integral to professional practice. It aims to foster in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

Typical availability

Autumn semester, City campus Spring semester, City campus

977410 In-country Study 1: France

24cp; attendance at host university classes; availability: not offered to exchange and study abroad students

Requisite(s): 976411 Contemporary France AND 976001 Foundations in International Studies

Undergraduate

This subject is the key component of the France major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject recognises that intercultural competence is integral to professional practice. It aims to foster in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

Typical availability

Autumn semester, City campus Spring semester, City campus

977420 In-country Study 1: Germany

24cp; availability: not offered to exchange and study abroad students Requisite(s): 976421 Contemporary Germany AND 976001 Foundations in International Studies

Undergraduate

This subject is the key component of the Germany major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject recognises that intercultural competence is integral to professional practice. It aims to foster in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

Typical availability

Autumn semester, City campus Spring semester, City campus

977430 In-country Study 1: Italy

24cp; availability: not offered to exchange and study abroad students Requisite(s): 976431 Contemporary Italy AND 976001 Foundations in International Studies

Undergraduate

This subject is the key component of the Italy major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject recognises that intercultural competence is integral to professional practice. It aims to foster in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

Typical availability

Autumn semester, City campus Spring semester, City campus

977450 In-country Study 1: Spain

24cp; availability: not offered to exchange and study abroad students Requisite(s): 976451 Contemporary Spain AND 976001 Foundations in International Studies

Undergraduate

This subject is the key component of the Spain major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject recognises that intercultural competence is integral to professional practice. It aims to foster in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

Typical availability

Autumn semester, City campus Spring semester, City campus

977460 In-country Study 1: Switzerland

24cp; availability: not offered to exchange and study abroad students Requisite(s): 976404 Contemporary Switzerland AND 976001 Foundations in International Studies

Undergraduate

This subject is the key component of the Switzerland major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject recognises that intercultural competence is integral to professional practice. It aims to foster in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

Typical availability

Autumn semester, City campus Spring semester, City campus

977520 In-country Study 1: Chile

24cp; availability: not offered to exchange and study abroad students Requisite(s): 976001 Foundations in International Studies AND 976502 Contemporary Latin(o) Americas Undergraduate

This subject is the key component of the Chile major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject recognises that intercultural competence is integral to professional practice. It aims to foster in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

Typical availability

Autumn semester, City campus Spring semester, City campus

977530 In-country Study 1: Mexico

24cp; attendance at host university classes; availability: not offered to exchange and study abroad students

Requisite(s): 976502 Contemporary Latin(o) Americas AND 976001 Foundations in International Studies

Undergraduate

This subject is the key component of the Mexico major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject recognises that intercultural competence is integral to professional practice. It aims to foster in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

Typical availability

Autumn semester, City campus Spring semester, City campus

977542 In-country Study 1: Argentina

24cp; availability: not offered to exchange and study abroad students Requisite(s): 976001 Foundations in International Studies AND 976502 Contemporary Latin(o) Americas Undergraduate

This subject is the key component of the Argentina major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject recognises that intercultural competence is integral to professional practice. It aims to foster in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

977543 In-country Study 1: Canada

24cp; availability: not offered to exchange and study abroad students Requisite(s): 976001 Foundations in International Studies AND 976602 Contemporary Canada (Quebec) Undergraduate

This subject is the key component of the Canada major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject recognises that intercultural competence is integral to professional practice. It aims to foster in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

977620 In-country Study 1: Latino USA

24cp; attendance at host university classes; availability: not offered to exchange and study abroad students

Requisite(s): 976502 Contemporary Latin(o) Americas AND 976001 Foundations in International Studies Undergraduate

This subject is the key component of the Latino USA major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject recognises that intercultural competence is integral to professional practice. It aims to foster in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

Typical availability

Autumn semester, City campus Spring semester, City campus

977911 In-country Study 1: Colombia

24cp; availability: not offered to exchange and study abroad students Requisite(s): 976502 Contemporary Latin(o) Americas AND 976001 Foundations in International Studies Undergraduate

This subject is the key component of the Colombia major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject recognises that intercultural competence is integral to professional practice. It aims to foster in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

97801 Italian Language and Culture 1

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Students who successfully complete this subject understand and use familiar everyday expressions and basic phrases, in both speech and writing. Students learn to communicate appropriately in situations such as introducing themselves, exchanging personal information, asking and giving directions and discussing daily routines. They also develop strategies for long-term effective language learning. Students are also taught the sociocultural context in which the language is used.

Typical availability

Autumn semester, City campus

97802 Italian Language and Culture 2

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97801 Italian Language and Culture 1

This subject caters for students at the 'upper basic' level of competence in Italian language and culture. It builds on the basic linguistic and cultural capabilities and general language learning strategies acquired through prior exposure to Italian language and culture or through Italian Language and Culture 1. Upon successful completion of the subject, students communicate in simple and routine tasks requiring a simple and direct exchange of information on familiar topics, in spoken and written Italian. Students also continue to develop an understanding of aspects of the Italian culture and appropriate language use as well as developing strategies for long-term effective language learning.

Typical availability

Spring semester, City campus

97803 Italian Language and Culture 3

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97802 Italian Language and Culture 2

This subject caters for students at the 'lower intermediate' level of competence in Italian language and culture. It builds further on the linguistic and cultural capabilities and general language learning strategies acquired through prior exposure to the Italian language, or through Italian 2. Upon successful completion of the subject students communicate more effectively in familiar everyday social situations as well as more specific contexts, e.g. the workplace or at university. They understand short authentic newspaper articles and take active part in discussions on subjects related to topical issues, including debating their pros and cons.

Typical availability

Autumn semester, City campus

97804 Italian Language and Culture 4

8cp; 4hpw; availability: exchange and study abroad students with faculty approval $% \left(1\right) =\left(1\right) \left(1\right)$

Requisite(s): 97803 Italian Language and Culture 3

This subject caters for students at the 'upper intermediate' level of competence in Italian language and culture. It consolidates and further expands the linguistic and cultural capabilities and general language learning strategies acquired through prior exposure to the Italian language, or through Italian 3. It enables students to understand the main ideas of complex texts on both concrete and abstract topics; interact with a degree of fluency and spontaneity; produce clear, detailed text on a wide range of subjects; and effectively explain a viewpoint on a topical issue. Students increase their knowledge of the Italian culture, assisting them in the further development of communication skills.

Typical availability

Spring semester, City campus

97805 Italian Language and Culture 5

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97804 Italian Language and Culture 4

This subject caters for students at the 'lower advanced' level of competence in Italian language and culture. It consolidates and further expands the linguistic and cultural capabilities and general language learning strategies acquired through prior exposure to the

Italian language, or through Italian 4. Upon completion, students understand a wide range of texts and recognise implicit meaning; effectively express points of view on social and contemporary issues without much obvious searching for expressions; and produce clear, well-structured texts. They also increase their understanding of current affairs in Italy through watching and discussing Italian-language videos and TV programs.

Typical availability

Autumn semester, City campus

97806 Italian Language and Culture 6

8cp; 4hpw; availability: exchange and study abroad students with faculty approval

Requisite(s): 97805 Italian Language and Culture 5

This subject is designed to consolidate and further expand the linguistic and cultural capabilities and general language learning strategies acquired through prior exposure to the Italian language, or through Italian Language and Culture 5. Upon completion, students can understand a wide range of demanding, longer texts, and recognise implicit meaning; use the language flexibly, effectively and in a culturally appropriate manner; and produce clear, well-structured text, showing controlled use of organisational patterns, connectors and cohesive devices.

Typical availability

Spring semester, City campus

97807 Italian Language and Culture 7

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 97806 Italian Language and Culture 6

In some instances, and with approval from relevant major coordinators, students in the combined degree in international studies may take higher level language and culture subjects at other universities through concurrent study arrangements. Students need to plan ahead and check the deadline for when cross-institutional applications close at the other university.

97808 Italian Language and Culture 8

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 97807 Italian Language and Culture 7

In some instances, and with approval from relevant major coordinators, students in the combined degree in international studies may take higher level language and culture subjects at other universities through concurrent study arrangements. Students need to plan ahead and check the deadline for when cross-institutional applications close at the other university.

97809 Italian Language and Culture 9

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 97808 Italian Language and Culture 8

In some instances, and with approval from relevant major coordinators, students in the combined degree in international studies may take higher level language and culture subjects at other universities through concurrent study arrangements. Students need to plan ahead and check the deadline for when cross-institutional applications close at the other university.

97810 Italian Language and Culture 10

8cp; availability: exchange and study abroad students with faculty approval

Requisite(s): 97809 Italian Language and Culture 9

In some instances, and with approval from relevant major coordinators, students in the combined degree in international studies may take higher level language and culture subjects at other universities through concurrent study arrangements. Students need to plan ahead and check the deadline for when cross-institutional applications close at the other university.

978110 In-country Study 2: China

24cp; availability: not offered to exchange and study abroad students Requisite(s): 977110 In-country Study 1: China

Undergraduate

This subject is the key component of the China major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject builds on the life and learning experiences of In-country Study 1: China to recognise that intercultural competence is integral to professional practice. In-country Study 2: China further develops students' capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

The assessments and life experiences of this subject form the culmination of a student's International Studies degree at UTS, and are intended to prepare students for lifelong learning about international societies and cultures.

Typical availability

Autumn semester, City campus Spring semester, City campus

978134 In-country Study: Canada

 $24\mbox{cp};$ availability: not offered to exchange and study abroad students Postgraduate

In-country Study: Canada is the key component of the Canada major in the Master of Arts in International Studies, and involves one semester of study overseas attached to a partner institution of UTS. In-country Study: Canada enables students to experience living and studying in the culture of their specialisation, and is guided by UTS: International Studies' principles of cultural immersion and reflection, as well as self-reliance. In-country Study: Canada recognises that intercultural competence is integral to professional practice. It develops in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures. To maximise the program's positive outcomes, the subject's learning objectives require students to actively seek hands-on social and cultural interactions during their semester in Canada. Incountry Study Canada consists of an agreed program of study at the host university (including language classes), and assessments based on humanities/social sciences research conducted in and about the host society. The subject's assessment tasks are the medium through which sustained immersion and engagement with the host country is demonstrated. The assessments and life experiences of In-country Study: Canada are the culmination of a student's Master of Arts in International Studies at UTS, and are intended to prepare students for lifelong learning about international societies and cultures

In-country Study: Canada is a full-time 24-credit point subject, which is a full time load.

978135 In-country Study: Chile

 $24\mbox{cp};$ availability: not offered to exchange and study abroad students Postgraduate

In-country Study: Chile is the key component of the Chile major in the Master of Arts in International Studies, and involves one semester of study overseas attached to a partner institution of UTS. In-country Study: Chile enables students to experience living and studying in the culture of their specialisation, and is guided by UTS: International Studies' principles of cultural immersion and reflection, as well as self-reliance. In-country Study: Chile recognises that intercultural competence is integral to professional practice. It develops in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures. To maximise the program's positive outcomes, the subject's learning objectives require students to actively seek handson social and cultural interactions during their semester in Chile. In-country Study Chile consists of an agreed program of study at the host university (including language classes), and assessments based on humanities/social sciences research conducted in and about the host society. The subject's assessment tasks are the medium through which sustained immersion and engagement with the host country is demonstrated. The assessments and life experiences of In-country Study: Chile are the culmination of a student's Master of Arts in International Studies at UTS, and are intended to prepare students for lifelong learning about international societies and cultures.

In-country Study: Chile is a full-time 24-credit point subject, which is a full time load.

978136 In-country Study: China

24cp; availability: not offered to exchange and study abroad students Postgraduate

In-country Study: China is the key component of the China major in the Master of Arts in International Studies, and involves one semester of study overseas attached to a partner institution of UTS. In-country Study: China enables students to experience living and studying in the culture of their specialisation, and is guided by UTS: International Studies' principles of cultural immersion and reflection, as well as self-reliance. In-country Study: China recognises that intercultural competence is integral to professional practice. It develops in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures. To maximise the program's positive outcomes, the subject's learning objectives require students to actively seek handson social and cultural interactions during their semester in China. In-country Study China consists of an agreed program of study at the host university (including language classes), and assessments based on humanities/social sciences research conducted in and about the host society. The subject's assessment tasks are the medium through which sustained immersion and engagement with the host country is demonstrated. The assessments and life experiences of In-country Study: China are the culmination of a student's Master of Arts in International Studies at UTS, and are intended to prepare students for lifelong learning about international societies and cultures

In-country Study: China is a full-time 24-credit point subject, which is a full time load.

978137 In-country Study: France

24cp; availability: not offered to exchange and study abroad students Postgraduate

In-country Study: France is the key component of the France major in the Master of Arts in International Studies, and involves one semester of study overseas attached to a partner institution of UTS. In-country Study: France enables students to experience living and studying in the culture of their specialisation, and is guided by UTS: International Studies' principles of cultural immersion and reflection, as well as self-reliance. In-country Study: France recognises that intercultural competence is integral to professional practice. It develops in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures. To maximise the program's positive outcomes, the subject's learning objectives require students to actively seek handson social and cultural interactions during their semester in France. In-country Study France consists of an agreed program of study at the host university (including language classes), and assessments based on humanities/social sciences research conducted in and about the host society. The subject's assessment tasks are the medium through which sustained immersion and engagement with the host country is demonstrated. The assessments and life experiences of In-country Study: France are the culmination of a student's Master of Arts in International Studies at UTS, and are intended to prepare students for lifelong learning about international societies and cultures.

In-country Study: France is a full-time 24-credit point subject, which is a full time load.

978138 In-country Study: Germany

 $24\mbox{cp};$ availability: not offered to exchange and study abroad students Postgraduate

This subject is the key component of the Germany major in the MA in International Studies, and involves one semester of study overseas attached to a partner institution of UTS. It enables students to experience living and studying in the culture of their specialisation, and is guided by UTS: International Studies' principles of cultural immersion and reflection, as well as self-reliance. The subject recognises that intercultural competence is integral to professional practice. It develops in students a capacity for critical reflection—in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives

of people from other cultures. To maximise the program's positive outcomes, the subject's learning objectives require students to actively seek hands-on social and cultural interactions during their semester in Germany. The subject consists of an agreed program of study at the host university (including language classes), and assessments based on humanities/social sciences research conducted in and about the host society. The subject's assessment tasks are the medium through which sustained immersion in and engagement with the host country are demonstrated. The assessments and life experiences of this subject are the culmination of a student's MA in International Studies at UTS, and are intended to prepare students for lifelong learning about international societies and cultures.

This is a full-time, 24-credit-point subject, which is a full-time load.

978139 In-country Study: Italy

24cp; availability: not offered to exchange and study abroad students Postgraduate

In-country Study: Italy is the key component of the Italy major in the Master of Arts in International Studies, and involves one semester of study overseas attached to a partner institution of UTS. In-country Study: Italy enables students to experience living and studying in the culture of their specialisation, and is guided by UTS: International Studies' principles of cultural immersion and reflection, as well as self-reliance. In-country Study: Italy recognises that intercultural competence is integral to professional practice. It develops in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures. To maximise the program's positive outcomes, the subject's learning objectives require students to actively seek handson social and cultural interactions during their semester in Italy. In-country Study Italy consists of an agreed program of study at the host university (including language classes), and assessments based on humanities/social sciences research conducted in and about the host society. The subject's assessment tasks are the medium through which sustained immersion and engagement with the host country is demonstrated. The assessments and life experiences of In-country Study: Italy are the culmination of a student's Master of Arts in International Studies at UTS, and are intended to prepare students for lifelong learning about international societies and cultures.

In-country Study: Italy is a full-time 24-credit point subject, which is a full time load.

978140 In-country Study: Japan

24cp; availability: not offered to exchange and study abroad students Postgraduate

In-country Study: Japan is the key component of the Japan major in the Master of Arts in International Studies, and involves one semester of study overseas attached to a partner institution of UTS. In-country Study: Japan enables students to experience living and studying in the culture of their specialisation, and is guided by UTS: International Studies' principles of cultural immersion and reflection, as well as self-reliance. In-country Study: Japan recognises that intercultural competence is integral to professional practice. It develops in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures. To maximise the program's positive outcomes, the subject's learning objectives require students to actively seek handson social and cultural interactions during their semester in Japan. In-country Study Japan consists of an agreed program of study at the host university (including language classes), and assessments based on humanities/social sciences research conducted in and about the host society. The subject's assessment tasks are the medium through which sustained immersion and engagement with the host country is demonstrated. The assessments and life experiences of In-country Study: Japan are the culmination of a student's Master of Arts in International Studies at UTS, and are intended to prepare students for lifelong learning about international societies and cultures.

In-country Study: Japan is a full-time 24-credit point subject, which is a full time load.

978141 In-country Study: Latino USA

24cp; availability: not offered to exchange and study abroad students Postgraduate

In-country Study: Latino USA is the key component of the Latino USA major in the Master of Arts in International Studies, and involves one semester of study overseas attached to a partner institution of UTS. In-country Study: Latino USA enables students to experience living and studying in the culture of their specialisation,

and is guided by UTS: International Studies' principles of cultural immersion and reflection, as well as self-reliance. In-country Study: Latino USA recognises that intercultural competence is integral to professional practice. It develops in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures. To maximise the program's positive outcomes, the subject's learning objectives require students to actively seek hands-on social and cultural interactions during their semester in Latino USA. In-country Study Latino USA consists of an agreed program of study at the host university (including language classes), and assessments based on humanities/social sciences research conducted in and about the host society. The subject's assessment tasks are the medium through which sustained immersion and engagement with the host country is demonstrated. The assessments and life experiences of In-country Study: Latino USA are the culmination of a student's Master of Arts in International Studies at UTS, and are intended to prepare students for lifelong learning about international societies and cultures.

In-country Study: Latino USA is a full-time 24-credit point subject, which is a full time load.

978142 In-country Study: Mexico

24cp; availability: not offered to exchange and study abroad students Postgraduate

In-country Study: Mexico is the key component of the Mexico major in the Master of Arts in International Studies, and involves one semester of study overseas attached to a partner institution of UTS. In-country Study: Mexico enables students to experience living and studying in the culture of their specialisation, and is guided by UTS: International Studies' principles of cultural immersion and reflection, as well as self-reliance. In-country Study: Mexico recognises that intercultural competence is integral to professional practice. It develops in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures. To maximise the program's positive outcomes, the subject's learning objectives require students to actively seek handson social and cultural interactions during their semester in Mexico. In-country Study Mexico consists of an agreed program of study at the host university (including language classes), and assessments based on humanities/social sciences research conducted in and about the host society. The subject's assessment tasks are the medium through which sustained immersion and engagement with the host country is demonstrated. The assessments and life experiences of In-country Study: Mexico are the culmination of a student's Master of Arts in International Studies at UTS, and are intended to prepare students for lifelong learning about international societies and cultures

In-country Study: Mexico is a full-time 24-credit point subject, which is a full time load.

978143 In-country Study: Spain

24cp; availability: not offered to exchange and study abroad students Postgraduate

In-country Study: Spain is the key component of the Spain major in the Master of Arts in International Studies, and involves one semester of study overseas attached to a partner institution of UTS. In-country Study: Spain enables students to experience living and studying in the culture of their specialisation, and is guided by UTS: International Studies' principles of cultural immersion and reflection, as well as self-reliance. In-country Study: Spain recognises that intercultural competence is integral to professional practice. It develops in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures. To maximise the program's positive outcomes, the subject's learning objectives require students to actively seek handson social and cultural interactions during their semester in Spain. In-country Study Spain consists of an agreed program of study at the host university (including language classes), and assessments based on humanities/social sciences research conducted in and about the host society. The subject's assessment tasks are the medium through which sustained immersion and engagement with the host country is demonstrated. The assessments and life experiences of In-country Study: Spain are the culmination of a student's Master of Arts in International Studies at UTS, and are intended to prepare students for lifelong learning about international societies and cultures

In-country Study: Spain is a full-time 24-credit point subject, which is a full time load.

978144 In-country Study: Switzerland

24cp; availability: not offered to exchange and study abroad students Postgraduate

In-country Study: Switzerland is the key component of the Switzerland major in the Master of Arts in International Studies, and involves one semester of study overseas attached to a partner institution of UTS. In-country Study: Switzerland enables students to experience living and studying in the culture of their specialisation, and is guided by UTS: International Studies' principles of cultural immersion and reflection, as well as self-reliance. In-country Study: Switzerland recognises that intercultural competence is integral to professional practice. It develops in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures. To maximise the program's positive outcomes, the subject's learning objectives require students to actively seek hands-on social and cultural interactions during their semester in Switzerland. In-country Study Switzerland consists of an agreed program of study at the host university (including language classes), and assessments based on humanities/social sciences research conducted in and about the host society. The subject's assessment tasks are the medium through which sustained immersion and engagement with the host country is demonstrated. The assessments and life experiences of In-country Study: Switzerland are the culmination of a student's Master of Arts in International Studies at UTS, and are intended to prepare students for lifelong learning about international societies and cultures

In-country Study: Switzerland is a full-time 24-credit point subject, which is a full time load.

978145 In-country Study: Argentina

24cp; availability: not offered to exchange and study abroad students Postgraduate

In-country Study: Argentina is the key component of the Argentina major in the Master of Arts in International Studies, and involves one semester of study overseas attached to a partner institution of UTS. In-country Study: Argentina enables students to experience living and studying in the culture of their specialisation, and is guided by UTS: International Studies' principles of cultural immersion and reflection, as well as self-reliance. In-country Study: Argentina recognises that intercultural competence is integral to professional practice. It develops in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives $\frac{1}{2} \int_{\mathbb{R}^{n}} \frac{1}{2} \left(\frac{1}{2} \int_{\mathbb{R}^{n}} \frac{1}{2} \int_{$ of people from other cultures. To maximise the program's positive outcomes, the subject's learning objectives require students to actively seek hands-on social and cultural interactions during their semester in Argentina. In-country Study Argentina consists of an agreed program of study at the host university (including language classes), and assessments based on humanities/social sciences research conducted in and about the host society. The subject's assessment tasks are the medium through which sustained immersion and engagement with the host country is demonstrated. The assessments and life experiences of In-country Study: Argentina are the culmination of a student's Master of Arts in International Studies at UTS, and are intended to prepare students for lifelong learning about international societies and cultures.

978210 In-country Study 2: Japan

24cp; availability: not offered to exchange and study abroad students Requisite(s): 977210 In-country Study 1: Japan Undergraduate

This subject is the key component of the Japan major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject builds on the life and learning experiences of In-country Study 1: Japan to recognise that intercultural competence is integral to professional practice. In-country Study 2: Japan further develops students' capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

The assessments and life experiences of this subject form the culmination of a student's International Studies degree at UTS, and are intended to prepare students for lifelong learning about international societies and cultures.

Typical availability

Autumn semester, City campus Spring semester, City campus

978410 In-country Study 2: France

24cp; availability: not offered to exchange and study abroad students Requisite(s): 977410 In-country Study 1: France Undergraduate

This subject is the key component of the France major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject builds on the life and learning experiences of In-country Study 1: France to recognise that intercultural competence is integral to professional practice. In-country Study 2: France further develops students' capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

The assessments and life experiences of this subject form the culmination of a student's International Studies degree at UTS, and are intended to prepare students for lifelong learning about international societies and cultures.

Typical availability

Autumn semester, City campus Spring semester, City campus

978420 In-country Study 2: Germany

24cp; availability: not offered to exchange and study abroad students Requisite(s): 977420 In-country Study 1: Germany Undergraduate

This subject is the key component of the Germany major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject builds on the life and learning experiences of In-country Study 1: Germany to recognise that intercultural competence is integral to professional practice. In-country Study 2: Germany further develops students' capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

The assessments and life experiences of this subject form the culmination of a student's International Studies degree at UTS, and are intended to prepare students for lifelong learning about international societies and cultures.

Typical availability

Autumn semester, City campus Spring semester, City campus

978430 In-country Study 2: Italy

24cp; availability: not offered to exchange and study abroad students Requisite(s): 977430 In-country Study 1: Italy Undergraduate

This subject is the key component of the Italy major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject builds on the life and learning experiences of In-country Study 1: Italy to recognise that intercultural competence is integral to professional practice. In-country Study 2: Italy further develops students' capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

The assessments and life experiences of this subject form the culmination of a student's International Studies degree at UTS, and are intended to prepare students for lifelong learning about international societies and cultures.

Typical availability

Autumn semester, City campus Spring semester, City campus

978450 In-country Study 2: Spain

24cp; availability: not offered to exchange and study abroad students Requisite(s): 977450 In-country Study 1: Spain Undergraduate

This subject is the key component of the Spain major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject builds on the life and learning experiences of In-country Study 1: Spain to recognise that intercultural competence is integral to professional practice. In-country Study 2: Spain further develops students' capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

The assessments and life experiences of this subject form the culmination of a student's International Studies degree at UTS, and are intended to prepare students for lifelong learning about international societies and cultures.

Typical availability

Autumn semester, City campus Spring semester, City campus

978460 In-country Study 2: Switzerland

24cp; availability: not offered to exchange and study abroad students Requisite(s): 977460 In-country Study 1: Switzerland Undergraduate

This subject is the key component of the Switzerland major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject builds on the life and learning experiences of In-country Study 1: Switzerland to recognise that intercultural competence is integral to professional practice. In-country Study 2: Switzerland further develops students' capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

The assessments and life experiences of this subject form the culmination of a student's International Studies degree at UTS, and are intended to prepare students for lifelong learning about international societies and cultures.

Typical availability

Autumn semester, City campus Spring semester, City campus

978520 In-country Study 2: Chile

24cp; availability: not offered to exchange and study abroad students Requisite(s): 977520 In-country Study 1: Chile Undergraduate

This subject is the key component of the Chile major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject builds on the life and learning experiences of In-country Study 1: Chile to recognise that intercultural competence is integral to professional practice. In-country Study 2: Chile further develops students' capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

The assessments and life experiences of this subject form the culmination of a student's International Studies degree at UTS, and are intended to prepare students for lifelong learning about international societies and cultures.

Typical availability

Autumn semester, City campus Spring semester, City campus

978530 In-country Study 2: Mexico

24cp; availability: not offered to exchange and study abroad students Requisite(s): 977530 In-country Study 1: Mexico Undergraduate

This subject is the key component of the Mexico major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject builds on the life and learning experiences of In-country Study 1: Mexico to recognise that intercultural competence is integral to professional practice. In-country Study 2: Mexico further develops students' capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

The assessments and life experiences of this subject form the culmination of a student's International Studies degree at UTS, and are intended to prepare students for lifelong learning about international societies and cultures.

Typical availability

Autumn semester, City campus Spring semester, City campus

978542 In-country Study 2: Argentina

24cp; availability: not offered to exchange and study abroad students Requisite(s): 977542 In-country Study 1: Argentina Undergraduate

This subject is the key component of the Argentina major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject builds on the life and learning experiences of In-country Study 1: Argentina to recognise that intercultural competence is integral to professional practice. In-country Study 2: Argentina further develops students' capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

The assessments and life experiences of this subject form the culmination of a student's International Studies degree at UTS, and are intended to prepare students for lifelong learning about international societies and cultures.

978543 In-country Study 2: Canada

24cp; availability: not offered to exchange and study abroad students Requisite(s): 977543 In-country Study 1: Canada Undergraduate

This subject is the key component of the Canada major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject builds on the life and learning experiences of In-country Study 1: Canada to recognise that intercultural competence is integral to professional practice. In-country Study 2: Canada further develops students' capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

The assessments and life experiences of this subject form the culmination of a student's International Studies degree at UTS, and are intended to prepare students for lifelong learning about international societies and cultures.

978620 In-country Study 2: Latino USA

24cp; availability: not offered to exchange and study abroad students Requisite(s): 977620 In-country Study 1: Latino USA Undergraduate

This subject is the key component of the Latino USA major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject builds on the life and learning experiences of In-country Study 1: Latino USA to recognise that intercultural competence is integral to professional practice. In-country Study 2: Latino USA further develops students' capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

The assessments and life experiences of this subject form the culmination of a student's International Studies degree at UTS, and are intended to prepare students for lifelong learning about international societies and cultures.

Typical availability

Autumn semester, City campus Spring semester, City campus

978911 In-country Study 2: Colombia

24cp; availability: not offered to exchange and study abroad students Requisite(s): 977911 In-country Study 1: Colombia Undergraduate

This subject is the key component of the Colombia major in the BA in International Studies, which involves two semesters of study overseas attached to a partner institution of UTS. In-country study is designed to enable students to experience living and studying in the culture of their specialisation and is guided by the principles of cultural immersion and reflection, as well as self-reliance.

The subject builds on the life and learning experiences of In-country Study 1: Colombia to recognise that intercultural competence is integral to professional practice. In-country Study 2: Colombia further develops students' capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures.

The assessments and life experiences of this subject form the culmination of a student's International Studies degree at UTS, and are intended to prepare students for lifelong learning about international societies and cultures.

978912 In-country Study: Colombia

24cp; availability: not offered to exchange and study abroad students Postgraduate

This subject is the key component of the Colombia major in the Master of Arts in International Studies. It involves one semester of study overseas at a partner institution of UTS. The subject enables students to experience living and studying in the culture of their specialisation and is guided by UTS: International Studies' principles of cultural immersion and reflection as well as self-reliance and recognises that intercultural competence is integral to professional practice. It develops in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives $\label{eq:condition}$ of people from other cultures. To maximise the program's positive outcomes, the subject's learning objectives require students to actively seek hands-on social and cultural interactions during their semester in Colombia. The subject consists of an agreed program of study at the host university (including language classes) and assessments based on humanities/social sciences research conducted in and about the host society. The subject's assessment tasks are the medium through which sustained immersion and engagement with the host country is demonstrated. The assessments and life experiences are the culmination of a student's Master of Arts in International Studies at UTS and are intended to prepare students for lifelong learning about international societies and cultures.

979105 PhD Thesis: International Studies

Ocp; availability: not offered to exchange and study abroad students This subject is used only for enrolling students into the PhD in International Studies.

Typical availability

Autumn semester, City campus Spring semester, City campus

979110 Thesis (International Studies)

Ocp; availability: not offered to exchange and study abroad students This subject is used only for enrolling students into the Master of Arts in International Studies (Research).

Typical availability

Autumn semester, City campus Spring semester, City campus

979501 Exchange Elective 1

6ср

The UTS Global Exchange program, administered by UTS International, offers students the option of completing part of their study in another country and receiving credit towards their degree at UTS. Students in the International Studies and Global Studies degrees may have the opportunity to undertake study at an exchange partner university. The subject studied at the exchange partner university should have relevance to a student's course of study, and be taught and assessed in an acceptable format. Further information is available from Global Exchange at:

www.ssu.uts.edu.au/globalexchange

979502 Exchange Elective 2

6cr

The UTS Global Exchange program, administered by UTS International, offers students the option of completing part of their study in another country and receiving credit towards their degree at UTS. Students in the International Studies and Global Studies degrees may have the opportunity to undertake study at an exchange partner university. The subject studied at the exchange partner university should have relevance to a student's course of study, and be taught and assessed in an acceptable format. Further information is available from Global Exchange at:

www.ssu.uts.edu.au/globalexchange

979503 Exchange Elective 3

6ср

The UTS Global Exchange program, administered by UTS International, offers students the option of completing part of their study in another country and receiving credit towards their degree at UTS. Students in the International Studies and Global Studies degrees may have the opportunity to undertake study at an exchange partner university. The subject studied at the exchange partner university should have relevance to a student's course of study, and be taught and assessed in an acceptable format. Further information is available from Global Exchange at:

www.ssu.uts.edu.au/globalexchange

979504 Exchange Elective 4

6cp

The UTS Global Exchange program, administered by UTS International, offers students the option of completing part of their study in another country and receiving credit towards their degree at UTS. Students in the International Studies and Global Studies degrees may have the opportunity to undertake study at an exchange partner university. The subject studied at the exchange partner university should have relevance to a student's course of study, and be taught and assessed in an acceptable format. Further information is available from Global Exchange at:

www.ssu.uts.edu.au/globalexchange

979505 Exchange Elective 5

ao8

The UTS Global Exchange program, administered by UTS International, offers students the option of completing part of their study in another country and receiving credit towards their degree at UTS. Students in the International Studies and Global Studies degrees may have the opportunity to undertake study at an exchange partner university. The subject studied at the exchange partner university should have relevance to a student's course of study, and be taught and assessed in an acceptable format. Further information is available from Global Exchange at:

www.ssu.uts.edu.au/globalexchange

979506 Exchange Elective 6

8ср

The UTS Global Exchange program, administered by UTS International, offers students the option of completing part of their study in another country and receiving credit towards their degree at UTS. Students in the International Studies and Global Studies degrees may have the opportunity to undertake study at an exchange partner university. The subject studied at the exchange partner university should have relevance to a student's course of study, and be taught and assessed in an acceptable format. Further information is available from Global Exchange at:

www.ssu.uts.edu.au/globalexchange

979507 Exchange Elective 7

8c

The UTS Global Exchange program, administered by UTS International, offers students the option of completing part of their study in another country and receiving credit towards their degree at UTS. Students in the International Studies and Global Studies degrees may have the opportunity to undertake study at an exchange partner university. The subject studied at the exchange partner university should have relevance to a student's course of study, and be taught and assessed in an acceptable format. Further information is available from Global Exchange at:

www.ssu.uts.edu.au/globalexchange

979508 Research in International Studies

8cp; availability: not offered to exchange and study abroad students Postgraduate

The subject is designed to equip students for independent creative research development while on their period of In-Country Study through the development of the critical, analytical and methodological skills required to complete the planning and proposal stages for a short piece of original research within an international context. It introduces students to qualitative and quantitative social science and cultural studies research data-gathering methods appropriate to international studies research, how they work in combination, and the analysis and validity of the data they produce. An information literacy seminar will provide archive skills, information on the ethics of doing research with human beings and on the management of data, online research, and bibliographical and referencing skills through the UTS library.

979509 In-country Study: Australia

24cp; availability: not offered to exchange and study abroad students Postgraduate

The subject is designed to provide an alternative, cognate subject for students who for financial, health, work or family reasons, cannot spend a semester abroad in order to complete their degree. Incountry Study: Australia is offered locally but as distance education and is guided by UTS: International Studies' principles of cultural immersion and reflection, as well as self-reliance. In-country Study: Australia recognises that intercultural competence is integral to professional practice. It develops in students a capacity for critical reflection, in particular, the ability to identify and question one's cultural assumptions, values and beliefs, and thus to acknowledge and empathise with the perspectives of people from other cultures. To maximise the program's positive outcomes, the subject's learning objectives require students to actively seek hands-on social and cultural interactions with their country major diaspora population in Australia. Assessment tasks are based on humanities/social sciences research and are the medium through which engagement with the country major society is demonstrated. The assessments and life experiences of In-country Study: Australia are the culmination of a student's Master of Arts in International Studies at UTS, and are intended to prepare students for lifelong learning about international societies and cultures.

979510 Contemporary China

8cp; availability: not offered to exchange and study abroad students Requisite(s): 979508 Research in International Studies OR 979508 Research in International Studies

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The subject is designed to provide students with a basic understanding of contemporary Chinese history, politics, society and culture in national, continental and global contexts. Students learn critical skills that allow them to identify major contemporary issues that shape present-day Chinese society. Students develop critical thinking and scholarly writing skills relevant to the multidisciplinary nature of the subject via the writing of an extensive literature review and a research essay.

979511 Contemporary Japan

8cp; availability: not offered to exchange and study abroad students Requisite(s): 979508 Research in International Studies OR 979508 Research in International Studies

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The subject is designed to provide students with a basic understanding of contemporary Japanese history, politics, society and culture in national, continental and global contexts. Students learn critical skills that allow them to identify major contemporary issues that shape present-day Japanese society. Students develop critical thinking and scholarly writing skills relevant to the multidisciplinary nature of the subject via the writing of an extensive literature review and a research essay.

979512 Contemporary France

8cp; availability: not offered to exchange and study abroad students Requisite(s): 979508 Research in International Studies OR 979508 Research in International Studies

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The subject is designed to provide students with a basic understanding of contemporary French history, politics, society and culture in national, continental and global contexts. Students learn critical skills that allow them to identify major contemporary issues that shape present-day French society. Students develop critical thinking and scholarly writing skills relevant to the multidisciplinary nature of the subject via the writing of an extensive literature review and a research essay.

979513 Contemporary Spain

8cp; availability: not offered to exchange and study abroad students Requisite(s): 979508 Research in International Studies OR 979508 Research in International Studies

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The subject is designed to provide students with a basic understanding of contemporary Spanish history, politics, society and culture in national, continental and global contexts. Students learn critical skills that allow them to identify major contemporary issues that shape present-day Spanish society. Students develop critical thinking and scholarly writing skills relevant to the multidisciplinary nature of the subject via the writing of an extensive literature review and a research essay.

979514 Contemporary Germany

8cp; availability: not offered to exchange and study abroad students Requisite(s): 979508 Research in International Studies OR 979508 Research in International Studies

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The subject is designed to provide students with a basic understanding of contemporary German history, politics, society and culture in national, continental and global contexts. Students learn critical skills that allow them to identify major contemporary issues that shape present-day German society. Students develop critical thinking and scholarly writing skills relevant to the multidisciplinary nature of the subject via the writing of an extensive literature review and a research essay.

979515 Contemporary Italy

8cp; availability: not offered to exchange and study abroad students Requisite(s): 979508 Research in International Studies OR 979508 Research in International Studies

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The subject is designed to provide students with a basic understanding of contemporary Italian history, politics, society and culture in national, continental and global contexts. Students learn critical skills that allow them to identify major contemporary issues that shape present-day Italian society. Students develop critical thinking and scholarly writing skills relevant to the multidisciplinary nature of the subject via the writing of an extensive literature review and a research essay.

979516 Contemporary Canada (Quebec)

8cp; availability: not offered to exchange and study abroad students Requisite(s): 979508 Research in International Studies OR 979508 Research in International Studies

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The subject is designed to provide students with a basic understanding of contemporary Qubec (Canada) history, politics, society and culture in national, continental and global contexts. Students learn critical skills that allow them to identify major contemporary issues that shape present-day Qubec society. Students develop critical thinking and scholarly writing skills relevant to the multidisciplinary nature of the subject via the writing of an extensive literature review and a research essay.

979517 Contemporary Switzerland

8cp; availability: not offered to exchange and study abroad students Requisite(s): 979508 Research in International Studies OR 979508 Research in International Studies

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The subject is designed to provide students with a basic understanding of contemporary Swiss history, politics, society and culture in national, continental and global contexts. Students learn critical skills that allow them to identify major contemporary issues that shape present-day Swiss society. Students develop critical thinking and scholarly writing skills relevant to the multidisciplinary nature of the subject via the writing of an extensive literature review and a research essay.

979518 Contemporary Latin(o) Americas

8cp; availability: not offered to exchange and study abroad students Requisite(s): 979508 Research in International Studies OR 979508 Research in International Studies

These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

Postgraduate

The subject is designed to provide students with a basic understanding of contemporary Spanish-speaking Americas' history, politics, society and culture in national, continental and global contexts. Students learn critical skills that allow them to identify major contemporary issues that shape present-day Latin American society. Students develop critical thinking and scholarly writing skills relevant to the multidisciplinary nature of the subject via the writing of an extensive literature review and a research essay.

98725 Dissertation in Health Research 1

12cp

Postgraduate

This subject facilitates an effective learning contract between the student and appointed supervisor. This learning contract forms the basis of students' framework of study as they plan to undertake the Health Research dissertation.

Typical availability

Autumn semester, City campus

98726 Dissertation in Health Research 2

12cp

Postgraduate

This subject facilitates an effective learning contract between the student and appointed supervisor. This learning contract forms the basis of students' framework of study as they plan to undertake the health research dissertation.

Typical availability

Spring semester, City campus

98727 Quality Use of Medicines in Advanced Practice

6ср

For subject description, contact UTS: Health.

98728 Leadership, Accountability and Role Development in Advanced Practice

6cp

For subject description, contact UTS: Health.

99201 Global Histories

8cp; 3hpw

Undergraduate

This subject introduces students to the main concepts of globalisation and to the historical development of different kinds of globalisation through familiar commodities such as food, drawing on examples from the everyday lives of people in Sydney. The processes and outcomes of globalisation are examined and discussed by way of case studies in lectures and in student research projects. Skills developed include researching literature in the field of global studies, observation research methods, small group work and written and oral presentation of research.

Typical availability

Autumn semester, City campus

First-year experience videos

View commentary from students and academics about this first-year subject at:

- Student video: www.youtube.com/user/utschannel#p/u/12/ w8NOvz8vrRo
- Academic video: www.youtube.com/user/utschannel#p/u/6/leUzZ55UBI

99202 Global Work

8cp; 3hpw plus one week participating on a work-based project; availability: not offered to exchange and study abroad students Requisite(s): 99201 Global Histories

There are also course requisites for this subject. See access conditions.

Undergraduate

The global movement of people, ideas and capital has had a profound impact on what kind of work people do, how they do it, where they work and who they work with; work has been globalised. This subject introduces students to key ideas that help in understanding what this means for people, communities and economies. Topics covered include the impact of the global movement of people through short and long-term migration and travel on work; the impact of information technologies on the global spread of work practices and work organisations; and the challenges of reconciling local conditions with the expectations and demands of global production networks. The subject includes the opportunity to examine globalisation at work through a work-based project and to use the theoretical perspectives introduced in the subject to explore the way globalisation is shaping working practice. Skills developed include applying theories of globalisation to concrete issues in workplaces, observation research methods, engaging with industry, and written and oral communication.

Typical availability

Autumn semester, City campus

99203 Global Knowledges

8cp; 3hpw; availability: not offered to exchange and study abroad students

Requisite(s): 99201 Global Histories

There are also course requisites for this subject. See access conditions.

Undergraduate

Our world views define and shape the world 'as we know it'. This subject introduces different ways of seeing the world, charting how resulting world views shape what we know, and how we relate to it. Assumptions about globalisation produce specific forms of knowledge and data, often framed as 'global indicators'. The resulting global knowledges are produced and situated, whether in dominant or marginalised contexts and traditions. The subject draws on accounts of dominant, alternate and parallel globalities, using both Southern and Northern theory, to analyse, compare, critique and evaluate these perspectives.

Typical availability

Spring semester, City campus

99204 Global Governance

8cp; 3hpw; availability: not offered to exchange and study abroad students $% \left(1\right) =\left(1\right) \left(1\right)$

Requisite(s): 99203 Global Knowledges AND 99202 Global Work There are also course requisites for this subject. See access conditions.

Undergraduate

This subject allows students to consider ways of governing problems in the global sphere (e.g. climate change, trade, peacekeeping). International institutions responsible for managing global problems are examined in terms of their structures, capacities, and ways different interests and concerns are represented (or not) in their processes and outcomes. Students research the players in global governance, analyse complex governance frameworks and develop an understanding of different interests in global issues. Through engagement in debates, simulations and reports, students develop their research, analysis and communication skills.

Typical availability

Autumn semester, City campus

99205 Global Work Project

8cp; distance, work placement and UTSOnline; availability: not offered to exchange and study abroad students

Requisite(s): 99204 Global Governance

There are also course requisites for this subject. See access conditions.

Undergraduate

This subject allows students to undertake a substantial work placement, either locally or overseas, in an organisation with global connections, and in a discipline and employment area related to their Global Studies major. Students independently research the global aspects of work in the organisation in which they are placed. Skills developed include: researching global phenomena as they manifest in professional practice, building research informed arguments, reflecting critically on practice and work organisations, communicating and learning online, and presenting research findings using experiential learning and theory informed critique.

Typical availability

Autumn semester, distance mode

99206 Global Problem Solving

8cp; 3hpw; availability: not offered to exchange and study abroad students

Requisite(s): 99205 Global Work Project

There are also course requisites for this subject. See access conditions.

Undergraduate

In this subject students tackle a real-world global problem for an external organisation. Learning is done in seminars where students focus on solutions to the problem in small groups, utilising approaches from their majors. At the end of the semester students make written and oral presentations of their solutions to the external organisation. Skills developed include combining knowledge from global studies with knowledge from majors, ability to collaborate across disciplines, engaging with external organisations, independent and collaborative research on global phenomena, teamwork, and oral and written presentation.

Typical availability

Spring semester, City campus

99567 Introduction to Chinese Herbal Medicine

6cp; 6hpw

Requisite(s): 99639 Chinese Medicine Foundations 1 OR 99665 Chinese Medicine Foundations 1

This subject provides introductory information on the basic properties and functions of Chinese herbs. It forms an essential foundation for the understanding of Chinese herbal forumulae and the pharmacology of Chinese herbs. Students are encouraged to create a small herbarium of selected herbs.

Typical availability

Spring semester, City campus

99584 Clinical Features of Disease

6cp; 4hpw

Requisite(s): 91530 Pathophysiology and Pharmacology 2 These requisites may not apply to students in certain courses. There are also course requisites for this subject. See access conditions.

This subject builds on the theoretical material offered in anatomy and physiology subjects. It also develops the student's ability to differentiate, in a TCM setting, those conditions that should be referred to a medical practitioner or other health care professional.

Typical availability

Autumn semester, City campus

99618 Chinese Diagnostic System 1

6cp; 5hpw

Requisite(s): 99640 Chinese Medicine Foundations 2 OR 99666 Chinese Medicine Foundations 2

This subject provides a deeper understanding of the objectives, application and therapeutic conclusions inherent in the traditional Chinese diagnostic system. It provides practical workshops in advanced pulse diagnosis that complements students' theoretical work.

Typical availability

Autumn semester, City campus

99621 Chinese Diagnostic System 2

6cp; 6hpw

Requisite(s): 99618 Chinese Diagnostic System 1

This subject contributes a large component of the essential skills and knowledge required for traditional Chinese diagnosis. The subject and workshops underpin not only the clinical experiences of the student but also the differentiation of disease states. This subject hones the essential skills and knowledge of Zangfu and external pathogen diagnostics. Students are expected to work closely together in group situations online and in class time to develop their diagnostic skills.

Typical availability

Spring semester, City campus

99630 Clinical Practice 1 (TCM)

12cp; 250 hours of supervised clinical practice and development of clinical reasoning skills

Requisite(s): 99647 Clinic Level 6 AND 99627 Clinical Practicum (Therapy and Diagnosis)

In this subject the student experiences the full range of practitioner responsibilities under the supervision of a clinical manager. This area of training is accomplished in the outpatient clinics of the College of Traditional Chinese Medicine (TCM), which provide low-cost TCM services to the public. Students also have the option of undertaking a TCM internship in China with a UTS-approved institution. Students engage in a series of tutor and peer reviewed case analyses and develop a learning contract in a specialty area of TCM of their own choosing.

Typical availability

Autumn semester, City campus

99631 Clinical Practice 2 (TCM)

12cp; 2hpw, 150 treatments, 375 supervised clinical hours (in Stage 8, Year 4)

Requisite(s): 99647 Clinic Level 6 AND 99627 Clinical Practicum (Therapy and Diagnosis)

In this subject, students experience the full range of practitioner responsibilities under the supervision of a clinical manager. This area of training is accomplished in the outpatient clinics of the UTS College of Traditional Chinese Medicine, which provide low-cost traditional Chinese medicine (TCM) services to the public. Students also have the option of undertaking a TCM internship in China with a UTS-approved institution.

This subject replicates the previous semester internship subject (99630 Clinical Practice 1) and students again engage is a series of tutor and peer reviewed case analyses and develop a second learning contract in a specialty area of TCM of their own choosing.

Typical availability

Autumn semester, City campus Spring semester, City campus

99636 Essentials of Pathophysiology

6cp; 12 weeks, 5hpw

This subject is a study of essential elements of the disease process studied within the context of some commonly occurring disorders. It serves as an introduction of physiological processes in the disease state. Systems studied include cardiovascular, endocrine, muscular-skeletal, gastrointestinal, kidney and body fluid, respiratory, immune, reproductive, cancer, and nervous systems. The subject promotes an understanding of health issues which can be used in many health settings.

Typical availability

Autumn semester, City campus

99641 Point Location and Acupuncture Anatomy

6cp; 5hpw

This is a workshop-based subject dealing with the location, depth, action, special precautions and contra-indications of the major acupuncture points used in clinical practice.

- Module 1 (Point Location) provides practical workshops to accurately locate the 365 major acupuncture points. This module looks at the fundamental actions of the major acupuncture points, complementing the work undertaken in Chinese Medicine Foundations 1.
- Module 2 (Anatomy) covers the anatomy that underpins the
 accurate location of points and their safe needling. It defines
 major anatomical landmarks used in point location, closely
 examines acupuncture point substructures and provides a basis
 for understanding precautions associated with acupuncture and
 its safe practice.

Typical availability

Autumn semester, City campus

99644 Clinic Level 3 and Acupuncture Techniques 2

6cp; clinical assistance: 40hrs, practicums: 13 weeks x 4hpw Requisite(s): ((99643c Clinic Level 2 OR 99668 Clinic Level 2 and Acupuncture Techniques 1) AND 99641 Point Location and Acupuncture Anatomy)

Approximately 30 per cent of the undergraduate training program is devoted to gaining clinical experience in preparation for becoming a qualified traditional Chinese medicine (TCM) practitioner. The subject is split into three modules:

- Module 1 (Clinic) builds on previous clinical training subjects and acquaints students with the skills and duties required by a student–practitioner working in the University's outpatient clinics.
 Students must satisfactorily complete requisite clinical hours.
- Module 2 (Acupuncture) introduces basic theoretical constructs for the application of various acupuncture techniques. The practical workshops are devoted to revision of point location and the extension of student knowledge of point function, Jing Lou pathways, point interactions and needle depths. Practical needling experience is introduced using basic/intermediate needling techniques. Participation in needling workshops is compulsory.
- Module 3 (Tui Na, Chinese Remedial Massage) builds upon the student's introduction to Chinese massage in Clinical Theory and Clinic Level 1. A large amount of clinical practice requires the differentiation and treatment of musculoskeletal dysfunction. Accordingly, this module further develops the participant's manual therapy skills and their application within a Chinese medicine clinical context. This module forms the basis of continuing clinical studies in Clinic Level 4. Participation in massage workshops is compulsory.

Typical availability

Autumn semester, City campus

99645 Clinic Level 4 and Acupuncture Techniques 3

6cp; 6 hpw, workshops, tutorials, lectures; clinical assistant level 4: 40hrs (Stage 4, Year 2)

Requisite(s): 99644c Clinic Level 3 and Acupuncture Techniques 2

Approximately 30 per cent of the undergraduate training program is devoted to gaining clinical experience in preparation for becoming a qualified traditional Chinese medicine (TCM) practitioner. This subject is split into three modules.

- Module 1 (Clinic) builds on previous clinical training subjects and acquaints students with the skills and duties required of a student practitioner working in the University's outpatient clinics. Students must satisfactorily complete requisite clinical hours, case reports and competency assessments.
- Module 2 (Acupuncture Techniques III) extends on the basic theoretical constructs for the application of various acupuncture techniques introduced in Clinic Level 3 and Acupuncture Techniques 2.
- Module 3 (TCM Orthopeadic assessment and treatment (Tui Na)) builds upon the participant's introduction to Chinese remedial massage in Clinic Level 3: TCM Manual Therapy 1. This component covers integrative tuina techniques with a focus on the orthopaedic assessment, developing further diagnostic procedures for identifying regional musculoskeletal dysfunction and applying findings to planning and applying an integrative treatment approach using a range of modalities. The subject

builds upon basic diagnostic concepts of the four methods of diagnosis (Si Zhen) in conjunction with biomedical principles involved in orthopaedic assessment.

Upon completion of the subject, participants have the basic knowledge necessary to undertake supervised clinical practice in the UTS Chinese Medicine Remedial Massage (Tuina) Clinic. Knowledge gained from the subject is necessary for further development of a clinical application of an integrative practice scope.

Typical availability

Spring semester, City campus

99646 Clinic Level 5 and Acupuncture Microsystems

6cp; clinical assistance: 60hrs, advanced needle techniques: 12 weeks x 5hpw

Requisite(s): 99645 Clinic Level 4 and Acupuncture Techniques 3

Approximately 30 per cent of the undergraduate training program is devoted to gaining clinical experience in preparation for becoming a qualified traditional Chinese medicine practitioner. The subject is split into two modules.

- Module 1: Clinical Assistant Level 5 builds on the first two years of theoretical, practical and clinical training and acquaints students with skills and duties required by a final year student practitioner working in the University's outpatient clinic. Clinical training is continued through the clinical program of the TCM course
- Module 2: Microsystems and Advanced Treatment Techniques covers special areas of microsystems acupuncture, which has a wide range of applications in the general practice of acupuncture. The theoretical information of general acupuncture and microsystems acupuncture is applied and practised in the advanced treatment techniques practicum/workshop.

Typical availability

Autumn semester, City campus

99647 Clinic Level 6

6cp; 2hpw; workshops, tutorials and planning sessions: Clinical Assistant Level 6: 70 hours (Stage 6, Year 3)

Requisite(s): 99646c Clinic Level 5 and Acupuncture Microsystems

This subject is divided into three modules

Module 1: Clinical Assistant Level 6: Approximately 30 per cent of the undergraduate training program is devoted to clinical experience and preparation for becoming a qualified traditional Chinese medicine practitioner. This module builds on the first two-and-a-half years of theoretical, practical and clinical training and develops student skills and professional understanding of clinical practice as exemplified in the University's outpatient clinic.

Module 2: Internship training: Students engage in a series of group exercises to prepare a fourth clinical management plan. This plan covers all aspects of daily management and promotion of their future internship clinic. Students engage in a series of reflective exercises dealing with the legal and ethical issues they may face during their internship clinic and upon graduation. They must also undertake the preparation of a learning contract in an area of clinical specialisation of their own choosing that they execute during their fourth-year clinics.

Module 3: Disease States: This subject module contributes to the development of an evidenced-based approach to the clinical practice of Chinese medicine (CM). The subject module develops clinical understanding of disease and its treatment through the integration of theories and knowledge from Chinese medicine with biomedical and western medicine understandings of diseases and their processes. A number of diseases are covered from traumatology and paediatric CM clinical areas.

Preventative health measures and strategies for health maintenance are additionally addressed in this subject module. These are discussed in the context of Yang Sheng, the CM clinical area of practice relating to health preservation and enhancement including understanding and application of dietary principles. The subject module links into clinical practicum and clinic internship subjects where students are required to put into practice and integrate their learning within a clinical context.

Typical availability

Spring semester, City campus

Note(s)

This subject replaces the Spring semester of 99624 Clinical Theory and Clinic Level 3.

99650 Pharmacology of Chinese Herbal Medicine

6cn·4hpw

Requisite(s): 99567 Introduction to Chinese Herbal Medicine

The subject utilises the latest research on Chinese herbal medicines. Students are provided with up-to-date scientific knowledge of commonly used traditional Chinese medicinal herbs, including the botanical description, active constituents, pharmacological actions, therapeutic uses, adverse effects, toxicity and Therapeutic Goods Administration (TGA) regulatory status (if applicable). The interactions between Chinese herbs and orthodox drugs is also discussed.

Typical availability

Autumn semester, City campus

99651 Chinese Herbal Formula 1

6cp; 6hpw

Requisite(s): 99567 Introduction to Chinese Herbal Medicine AND 99621c Chinese Diagnostic System 2

Differentiating patterns and deciding treatment strategies (Bian Zheng Lun Zhi) are the traditional processes in treating disease in traditional Chinese medicine (TCM). Chinese herbal formulas are specific combination of various single herbs that provide a standard strategy for deciding treatment.

This subject consists of the study of formulas and strategies in treating diseases according to TCM patterns. The core of the subject is in understanding how particular combinations of single herbs in the formulas work effectively to treat disease. The focus of this subject is in analysing the relationship of patterns (traditional descriptions of pathological conditions in Chinese medicine) and the strategies underlying the formulas that treat them.

The subject includes topics of standard treatment strategies in Chinese herbal formulas, relationship of formulas to TCM patterns, and detailed analysis of the structure of the formulas in accordance to the pathomechanism (Bing Ji) of TCM patterns and their clinical signs and symptoms.

Typical availability

Spring semester, City campus

99652 Chinese Herbal Formula 2

6cp; 6hpw

Requisite(s): 99651 Chinese Herbal Formula 1

Chinese herbal medicine utilises herbal combinations to treat illness. This subject follows Chinese Herbal Formula 1 and provides detailed information on Chinese herbal formulae for treating diseases. In this subject, the major herbal formulae are evaluated together with their appropriate application. Students are encouraged to discriminate between various treatment strategies in accordance with differential diagnosis of TCM patterns.

Typical availability

Autumn semester, City campus

99653 Health Science for Traditional Chinese Medicine 3

6cp; 5hpw

Requisite(s): 99648 Health Science for Traditional Chinese Medicine 1 OR 99649 Health Science for Traditional Chinese Medicine 2

This subject has been designed to develop an understanding of the microbiology and pathology of the nervous system and the anatomy, physiology, microbiology and pathophysiology of the endocrine system. Students also study specific drugs used in the treatment of the systems studied. Diseases acquired parentally either by trauma, insect bite or other procedures are also discussed.

Typical availability

Autumn semester, City campus

99654 Health Science for Traditional Chinese Medicine 4

6cp; 5hpw for 10 weeks

Requisite(s): 99648 Health Science for Traditional Chinese Medicine 1 OR 99649 Health Science for Traditional Chinese Medicine 2

This subject has been designed to develop an understanding of the anatomy, physiology, microbiology and pathophysiology of the integumentary, the immune, the nervous and the haematological systems and the drugs used in the treatment of the systems studied. Students study normal and abnormal cell development and cancer

diagnosis and grading. Pregnancy, development and some cancers of the reproductive system are studied. Students study the principles of anaesthesia and analgesia, interactions of drugs both beneficial and adverse and problems of toxicity, tolerance and addiction.

Typical availability

Spring semester, City campus

99656 Disease States for Traditional Chinese Medicine 1

cp: 5hpw

Requisite(s): 99652 Chinese Herbal Formula 2 AND 99584 Clinical Features of Disease

In this subject students integrate their knowledge of Western and Chinese medicine for the most common diseases in traditional Chinese medicine (TCM) internal medicine and paediatrics. The subject focuses on developing diagnostic theory and skills, TCM pattern differentiation, and familiarity with current therapy in Western and Chinese medicine for common diseases.

Typical availability

Spring semester, City campus

99657 Disease States for Traditional Chinese Medicine 2

6cp: 5hpw

Requisite(s): 99652 Chinese Herbal Formula 2 AND 99584 Clinical Features of Disease

This subject moves its emphasis from the learning of traditional Chinese medicine (TCM) to the clinical practice of TCM. After determining that TCM is appropriate to the patient's condition, students must then differentiate the pattern of disharmony as identified in TCM, decide on the treatment principle and devise a course of treatment.

Typical availability

Autumn semester, City campus

99658 Clinical Practice 3

4cp; 2hpw, 50 treatments, 125 supervised clinical hours (Stage 8, Year 4)

Requisite(s): 99647 Clinic Level 6 AND 99627 Clinical Practicum (Therapy and Diagnosis)

In this subject the student experiences the full range of practitioner responsibilities under the supervision of a clinical manager. This area of training is accomplished in the out-patient clinics of the College of Traditional Chinese Medicine (TCM) which provide low cost TCM services to the public. Students engage in a series of tutor and peer reviewed case analyses and develop an annotated bibliography in a specialty area of TCM of their own choosing.

Students who undertake the option of an overseas clinical placement in China or Korea with a UTS approved institution must undertake this subject instead of 99631 Clinical Practice 2.

Typical availability

Spring semester, City campus

99665 Chinese Medicine Foundations 1

6cp; 4hpw

The subject introduces Chinese medicine's basic theoretical concepts. A broad foundation is provided for subject areas that are built on throughout the degree. Subject areas include the traditional Chinese medical view of health, disease aetiology, diagnosis and principles of treatment, traditional physiology (the 12 organs and 14 main channels), terminology issues, philosophical traditions and the *Huangdi Neijing Suwen*. The basic theories presented in this subject have a continuing and progressive application in all aspects of traditional Chinese medicine.

Typical availability

Autumn semester, City campus

99666 Chinese Medicine Foundations 2

6cp; 4hpw

Requisite(s): 99665 Chinese Medicine Foundations 1

This subject extends students' knowledge of Chinese medicine's fundamental substances and their physiology and the channel system, its components and functions. It builds on stage 1 subjects, especially with regard to physiological substances and systems and general patterns of dysfunction. The principles of Chinese dietetics are

explored and the <code>NeijingLingshu</code> introduced. Basic dietary principles and acupuncture point functions and indications are applied to basic patterns of disorder. The subject provides an understanding of how to regulate internal systems and utilise channel physiology in the clinical practice of Chinese medicine.

Typical availability

Spring semester, City campus

99667 Clinical Theory and Clinic Level 1

6cp; 5hpw

Requisite(s): 99665c Chinese Medicine Foundations 1 AND 99641c Point Location and Acupuncture Anatomy

This subject comprises a series of lectures, workshops and clinical practicum. The subject content has been organised into three modules

Module 1: Clinical Theory covers UTS clinical protocols for attending the clinic as both a student and intern practitioner (when in fourth year). Topics include treatment modality precautions and contraindications, introductory ethics, infection control procedures and principles of communication. There is a series of workshops associated with the module and these are used to introduce the learner to tuina, cupping and gua sha treatment modalities. In addition, the workshops are used to put into practice information from the lectures (i.e. practice-based learning.)

Module 2: Pulse Diagnosis: Theory and Practice introduces the techniques used for pulse assessment and provides information on assessing some basic pulse parameters, including their associated diagnostic meaning. It comprises a mixture of lectures and workshops and serves as an introduction to further advanced techniques covered in the second year of the degree program.

Module 3: Clinic Practicum is the first of several undertaken in a real clinical environment. Clinic practicum for this module focuses primarily on observation, learning clinical processes and health information systems. Students may be required to assist the practitioner, and eventually, expected to undertake clinical assessments of patients and their treatments (under supervision) in the third and fourth year of their studies.

Typical availability

Autumn semester, City campus

99668 Clinic Level 2 and Acupuncture Techniques 1

6cp; 4hpw (Stage 2, Year 1)

Requisite(s): 99667 Clinical Theory and Clinic Level 1 AND 99641 Point Location and Acupuncture Anatomy

Approximately 30 per cent of the undergraduate training program is devoted to gaining clinical experience in preparation for becoming a qualified traditional Chinese medicine (TCM) practitioner. The subject is split into two modules: Module 1 builds on previous clinical training subjects and acquaints students with the skills and duties required by a 'student practitioner' working in the University's outpatient clinics. Students must satisfactorily complete requisite clinical hours. Module 2 introduces basic theoretical constructs for the application of various acupuncture techniques. Practical needling experience is introduced within the workshops. Participation in needling workshops is compulsory. Students are also introduced to the full set of Jing Luo pathways.

Typical availability

Spring semester, City campus

99669 Clinical Practice 3

6ср

Requisite(s): 99647 Clinic Level 6

There are also course requisites for this subject. See access conditions

For subject description, contact UTS: Science.

99670 Clinical Practice 4

6ср

Requisite(s): 99647 Clinic Level 6

There are also course requisites for this subject. See access conditions.

For subject description, contact UTS: Science.

99863 Exchange Subject 1

6ср

For further information, contact the Haymarket Student Centre.

99864 Exchange Subject 2

6cn

For further information, contact the Haymarket Student Centre.

99865 Exchange Subject 3

6ср

For further information, contact the Haymarket Student Centre.

99866 Exchange Subject 4

6ср

For further information, contact the Haymarket Student Centre.

998723 Research Dissertation 1 (International Studies)

24cp

For subject description, contact UTS: International Studies.

998724 Research Dissertation 2 (International Studies)

24cn

Requisite(s): 998723 Research Dissertation 1 (International Studies) There are also course requisites for this subject. See access conditions.

For subject description, contact UTS: International Studies.

99881 Exchange Subject 1

6ср

Further information about this subject is available from UTS: Health.

99882 Exchange Subject 2

6ср

Further information about this subject is available from UTS: Health.

99883 Exchange Subject 3

6cr

Further information about this subject is available from UTS: Health.

99884 Exchange Subject 4

6cp

Further information about this subject is available from UTS: Health.

999025 International Exchange Subject 1

6ср

For further information, contact the Haymarket Student Centre.

999026 International Exchange Subject 2

6ср

For further information, contact the Haymarket Student Centre.

999502 International Exchange Subject 3

6ср

For further information, contact the Haymarket Student Centre.

999780 International Exchange Subject 4

6ср

For further information, contact the Haymarket Student Centre.

ALPHABETICAL LIST OF SUBJECTS

The subject names and subject codes for all subjects are listed below, alphabetically ordered by subject name. The subject descriptions for these subjects are numerically ordered by subject code in Subjects (see pages 680–1039).

.NET Application Development	32998	Advanced Mechanics	68414
.NET Enterprise Development	32013	Advanced Mediation	78127
2D Digital Animation	89204	Advanced Mediation	77746
3D Animation	32543	Advanced Microeconomics	23907
3D Computer Animation	31241	Advanced Modelmaking	11285
3D Digital Animation 1	89202	Advanced Moving Image	57172
3D Digital Animation 2	89203	Advanced Nanomaterials	68002
3G Mobile Communication Systems	49110	Advanced Organisation and Management Theorising	21909
A Genealogy of Digital Photography	88008	Advanced Physics	68001
Aboriginal and Torres Strait Islander: Women and Babies	92621	Advanced Post Production	57173
Aboriginal Cultures	013982	Advanced Procurement Methods	16257
Aboriginal Social and Political History	013082	Advanced Production Design	88603
Aboriginal Studies Project	013081	Advanced Project Management	32601
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Academic Literacies in TESOL and Applied Linguistics	92329	Advanced Property Development	76021
Accountability in Nursing Practice		Advanced Remedies	
Accountability of Small Business Enterprises	22573	Advanced Research Methods for Leisure, Sport and Tourism	
Accounting and Business Management	16264	Advanced Revenue Law	76016
Accounting and ERP	22759	Advanced Robotics	49274
Accounting for Business Combinations	22320	Advanced Routing Principles	32009
Accounting for Business Decisions A	22107	Advanced Screenwriting	57101
Accounting for Business Decisions B	22207	Advanced Software Modelling	32536
Accounting for Insolvency	22610	Advanced Soil Mechanics and Foundation Design	49254
Accounting for Managerial Decisions	22747	Advanced Stochastic Processes	35466
Accounting for Overseas Transactions	22309	Advanced Taxation Law	79606
Accounting for Public, Leisure and Community		Advanced Topics in Computer Networks	32209
Organisations	22771	Advanced Valuation	16335
Accounting Information for Managers	22814	Advances in Requirements Engineering	32550
Accounting Information Systems	22708	Advertising Campaign Practice	58129
Accounting Information Systems	22605	Advertising Practice	59330
Accounting Research and Consulting Skills	22901	Advertising Research	24510
Accounting Standards and Regulations	22420	Advertising Strategies	59333
Administrative Law	70617	Advocacy	75413
Adult Education Policy in Context	013973	Advocacy and Social Change	21040
Adult Education: History, Policy and Context	013125	Aerospace Design Processes	48274
Adult Education: Past, Present, Future	013168	Aerospace Operations: Overview of the Aviation Industry	48271
	013142	Aesthetics	58212
Adult Learning and Program Development			84110
Adult Learning in Context	013953 88619	Aesthetics in Industrial Design	32106
Advanced Analogue Model Making Intensive		Agile Method Engineering	
Advanced Analysis	35322	Air and Noise Pollution	49049
Advanced Architectural Construction	11233	Airconditioning	49322
Advanced Assessment and Diagnosis	92608	Airline Operations	48272
Advanced Building Regulation	15615	Airlines and Transportation Management	27647
Advanced Building Systems	11282	Alpine and Lowland Ecology	91163
Advanced CAD Intensive	88620	Alternative Perspectives in Contemporary Economics	23623
Advanced Calculus	35232	An Introduction to Patternmaking and Construction	83881
Advanced Clinical Practice	92894	Analog Electronics	48551
Advanced Commercial Law	79018	Analysing Professional Practice	016715
Advanced Communication Skills in Science	60901	Analysis of Human Motion	27174
Advanced Construction Technologies	16077	Analysis of Motor Control	27226
Advanced Contracts	76047	Analysis of the Olympic Games	27764
Advanced Control	48580	Analytical Biochemistry	91326
Advanced Corporate Finance	25924	Analytical Chemistry 1	65306
Advanced Criminal Law	76037	Analytical Chemistry 2	65409
Advanced Data Mining Algorithms	32513	Analytical Chemistry 3	65606
Advanced Database	32113	Analytics Capstone Project	41004
Advanced Design for 2D Animation	88408	Analytics Capstone Project B	31243
Advanced Development Assessment	15614	Anatomical Pathology	91402
Advanced Digital Systems	48451	Anatomy and Physiology: Pregnancy and Childbirth	92272
Advanced Engineering Computing	48371	Animal Behaviour and Physiology	91363
Advanced Fashion and Textile Techniques	83568	Animal Law and Policy in Australia	76033
Advanced Financial Planning	25208	Animal Law and Policy in Australia	78219
Advanced Flow Modelling	49312	Animal Law and Policy in Australia Animal Law and Policy in Australia	78219
Advanced Haematology	91358		57130
		Animation Concepts Seminar	
Advanced Health Services Planning	92295	Animation Genres Seminar	89201
Advanced Image Synthesis Techniques	32544	Animation Project	89990
Advanced Immunology	91359	Animation Project A	89991
Advanced Instruments	25838	Animation Project B	89992
Advanced Internet Programming	32549	Animation Studio: Advanced Animation Practice	82710
Advanced Internet Programming	31242	Animation Studio: Animation Industry Project	82620
Advanced Macroeconomics	23917	Animation Studio: Animation Practice	88212
Advanced Management and Organisation Research		Animation Studio: Animation Project Pre-production	82711
Methods	21908	Animation Studio: Animation Project/Production	82800
Advanced Manufacturing	48663	Animation Studio: Foundations in Animation Design	82220
Advanced Marketing Strategies	24808	Animation Studio: Foundations in Animation Language	82120
Advanced Mathematics and Physics	68038	Animation Studio: Narrative Experimentations	88211

Animation Studio: Narrative Investigations	82320	Australian Indigenous Studies	21043
Animation Studio: VFX Design Advanced	88202	Australian Indigenous Studies Research Project	21042
Animation Studio: VFX Design Introduction	88201	Australian Pasts and Places	58224
Application Development with .NET	31927	Australian Political and Social Systems	50291
			59308
Application of Timber in Engineering Structures	49136	Australian Society and Culture 1	
Applications of Discrete Mathematics	35111	Australian Society and Culture 2	59309
Applications Programming	48024	Authentication and System Security	48730
Applied Company Law	79014	Balancing World Views: Introduction to Aboriginal	
Applied Electronics and Interfacing	68316	Cultures	58227
Applied Geotechnics	49118	Banking and Finance Law	78111
Applied International Business	21532	Banking and Finance Law	78110
Applied Kinesiology	27171	Banking Law	79015
Applied Leadership and Strategy	27800	Banking Law	77715
Applied Microeconometrics	23572	Becoming a Midwife	92622
	25579		010051
Applied Portfolio Management		Beginning Teaching: Surviving and Thriving	
Applied Portfolio Management	25729	Behavioural Finance	25577
Applied Project in Marketing (Capstone)	24100	Biobusiness and Environmental Biotechnology	91369
Applied Project in Marketing Communication (Capstone)	24101	Biochemistry, Genes and Disease	91345
Applied Research Methods	27707	Biocomplexity	91123
Applied Sport Psychology	27172	Biodiversity Conservation	91309
Applied Studies	27935	Bioinformatics	42001
Appraisal and Statistics	16126	Biomedical Engineering Project	91173
Aquatic Ecology	91121	Biomedical Engineering Project A	91171
Aquatic Services and Events	27137	Biomedical Engineering Project B	91172
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Architectural Communications: Advanced Modelling	11017	Biomedical Instrumentation	49261
Software	11316	Biomedical Law and Bioethics	76070
Architectural Communications: Animation Software	11314	Biomedical Signal and Image Processing	41105
Architectural Communications: Modelling Software	11315	BioNanotechnology	91140
Architectural Design and Construction	11207	Bioreactors and Bioprocessing	91368
Architectural Design: Architectural Communications	11214	Biotechnology	91142
Architectural Design: Architectural Communications 2	11208	Biotechnology Research Project	91539
Architectural Design: Field	11231	Biotechnology Research Project A	91537
Architectural Design: Forming	11211	Biotechnology Research Project B	91538
	11234		25728
Architectural Design: Integration		Bond Portfolio Management	
Architectural Design: Making	11209	Book Publishing and Marketing	57053
Architectural Design: Performance	11227	Brand Advertising Strategies	58229
Architectural Design: Strategy	11221	Brand Strategy	88943
Architectural Experience A	11294	Branding Project	88944
Architectural Experience B	11295	Bridge Design	49131
Architectural Experience C	11296	Broadcasting and Telecommunications Regulation	76019
Architectural Experience D	11297	Building and Construction Law	76043
Architectural History and Theory: Critique	11222	Building Assessment	16076
Architectural History and Theory: Current Events	11222	Building Company Performance	16316
and Debates	11247	Building Control and Regulations	16085
	1124/		
Architectural History and Theory: Modernity and	44046	Building Economics 2	16313
Modernism	11216	Building Intelligent Agents	32530
Architectural History and Theory: Orientations	11212	Building Regulation	15612
Architectural History and Theory: Urbanism and the City	11248	Building Research 1	16904
Architectural Practice: Advocacy	11501	Building Research 2	16905
Architectural Practice: Finance and Project Management	11502	Building Resilience in Mothers and Midwives	92018
Architectural Practice: The City	11504	Building Science/Materials 2	16209
Architectural Practice: The Profession	11503	Building Technology	16127
Architecture and Urban Projects	11235	Building Technology and Regulation	12511
Architecture Competition Project	11512	Built Environment Economics	16466
Architecture Culture and Environment	11205	Built Environment Law	16467
	11307		78118
Architecture Special Project		Business and Law in China	
Architecture, Cinema and Representation	11309	Business and Law in China	78026
Arts and Cultural Industries	27753	Business Decisions and Models	22815
Arts and Cultural Policy	27763	Business Ethics and Sustainability	21513
Arts and Entertainment Industries	27115	Business Excellence	21743
Arts Organisations and Management	27755	Business Information Systems	22776
Asian Law and Legal Systems	76003	Business Intelligence	32558
Asian-Australian Economics Relations	23304	Business Intelligence 1: Advanced Analysis	22797
Assessing Learning	013139	Business Intelligence 2: Advanced Planning	22783
Assessing Learning	013955	Business Intelligence for Decision Support	32567
	92313		32568
Assessment and Therapeutics in Health Care 1		Business Intelligence Modelling and Analysis	
Assessment and Therapeutics in Health Care 2	92314	Business Law and Ethics	79203
Assurance for e-Business	22523	Business Process and IT Strategy	31245
Assurance for Enterprise Systems	22766	Business Process Design	32559
Assurance Services and Audit	22522	Business Process Integration with ERP	22782
Audiences, Users, Publics, Communities	58325	Business Project Management	22787
Audio Culture	50835	Business Project: International Marketing	24791
Audio Production	50834	Business Project: Marketing	24790
Auditing and Assurance Services	22730	Business Requirements Modelling	31269
Australian Aboriginal Politics and History	58326	Business Statistics	26134
Australian Civil Liberties Law	76074		24723
		Business to Business e-Marketing	
Australian Constitutional Law	70616	Business Valuation and Financial Analysis	22743
Australian Corporate Environment	22157	Business-to-Business Marketing	24205
Australian Fiction	58320	Buyer Behaviour	24710
Australian Film	58321	Capital Markets	25741
Australian Health Care System	92282	Capstone Project	48012
Australian Indigenous Social and Political Development	21041	Capstone Project	48006
Australian Indigenous Social Policy	50290	Capstone Project in Business Planning	21126
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Capstone Project Part A	48016	Clinical Theory and Clinic Level 1	99667
Capstone Project Part B	48026	Cloud Computing and Software as a Service	41001
Capstone Project: Financial Strategy and Leadership	22677	Cloud Computing and Software as a Service	42904
Care of the Acutely Ill Child	92902	Cloud-based Enterprise Application Development	41005
Care of the Child in Illness and Disability	92878	Collaborative Business Processes	31247
Career and Portfolio Development	21856	Collaborative Midwifery Practice	92285
Career Development in Indigenous Community		Commerce, Business Studies and Economics Teaching	
Management	21045	Methods 1	013039
Career Management for IT Professionals	31016	Commerce, Business Studies and Economics Teaching	
Career Management for Scientists	69500	Methods 2	013051
Catchment Modelling	49255	Commerce, Business Studies and Economics Teaching	010001
	91161		013042
Cell Biology and Genetics		Methods 3	013042
Challenges in Midwifery Practice	92283	Commerce, Business Studies and Economics Teaching	04.00=4
Change Management	21827	Methods 4	013054
Characterisation of Energy Efficient Materials	68044	Commercial and Estate Practice	75403
Chemical Criminalistics	65544	Commercial Arbitration (Domestic)	78119
Chemical Safety and Legislation	65410	Commercial Arbitration (Domestic)	77752
Chemistry 1	65111	Commercial Bank Management	25574
Chemistry 2	65212	Commercial Environment of IT	32145
Chemistry and Materials Science	60101	Commercial Equity	78221
Chemistry and Pharmacology of Recreational Drugs	65643	Commercial Equity	78220
Child and Family Health Nursing 1	92614	Commercial Law	70327
Child and Family Health Nursing 2	92615	Commercial Management of Projects	15348
Child Development	012222	Commercial Retail Property Management	17772
Child Law in Australia	78128		78231
		Commercial Trade and Transport Law	
Child Law in Australia	78129	Commercial Trade and Transport Law	76050
Children and the Law	76066	Common Law Legal Traditions	78103
Children's Literature and Multi-literacies: Teaching		Communicating with Publics	57023
Critical, Cultural, Visual and Digital Literacies		Communication and Critical Thinking	15312
through Childrens Books	024705	Communication and Cultural Industries and Practices	58201
Children's Theatre and Creative Arts 4: Staging		Communication and Information Honours Seminar	55067
Performances	024424	Communication and Learning	013959
Children's Theatre and Creative Arts Study 2: Acting		Communication for IT Professionals	31265
and Performing Skills - Genres for Children	024422	Communication for Science	91164
Children's Theatre and Creative Arts Study 3: Production	021122	Communication for the Complementary Therapist	92227
and Direction	024423	Communication Management	013127
	024425		58301
Children's Theatre and the Creative Arts 1: Overview	004401	Communication Practice Project	
of World Theatre, Production Roles, Script Writing	024421	Communication Protocols	49202
Chinese Diagnostic System 1	99618	Communications and Intellectual Property Law Overview	78203
Chinese Diagnostic System 2	99621	Communications and Technology: A Primer	78213
Chinese Festivals and Ceremonies	97111	Communications and Technology: A Primer	78212
Chinese Film	97112	Communications Networks	48740
Chinese Herbal Formula 1	99651	Community Engagement	27002
Chinese Herbal Formula 2	99652	Community Justice Studies	76069
Chinese Language and Culture 1	97101	Community Leadership Project	15616
Chinese Language and Culture 2	97102	Community Sector Project 2	21189
Chinese Language and Culture 3	97103	Community Service Learning and Social Entrepreneurship	27603
Chinese Language and Culture 4	97104	Companies and Securities Law	77947
Chinese Language and Culture 5	97105	Comparative Law	76001
Chinese Language and Culture 6	97106	Comparative Local Governance	15619
Chinese Mass Media	97109	Competition and Consumer Law	79032
Chinese Medical Classics	91612	Competition Law	76027
Chinese Medicine Foundations 1	99665	Competition Law in a Global Context	78217
Chinese Medicine Foundations 2	99666	Competition Law in a Global Context	78216
Circuit Analysis	48530	Complex Case Management	92611
Citizenship and Immigration Law	76048	Complex Critical Care	92919
Civil Engineering Review 1	49143	Complex Financial and Property Disputes (in Family Law)	78133
Civil Engineering Review 2	49144	Complex Financial and Property Disputes (in Family Law)	78132
Civil Litigation	75421	Complex Forensic Cases (Biology)	91139
Client and User-centred Designing	89303	Complex Forensic Cases (Chemistry)	65743
Climate Change and Ecological Modelling	91540	Complex Forensic Cases (Law for Biology)	79028
Climate Change: Politics and Ecology	58228	Complex Forensic Cases (Law for Chemistry)	79024
Climate Law and Carbon Markets	78106	Complex Labour, Birth and Puerperium	92623
Climate Law and Carbon Markets	78107	Complex Newborn Care	92023
			92330
Climate Law and Carbon Markets	76041	Complex Nursing Care: Medical Surgical	
Clinic Level 2 and Acupuncture Techniques 1	99668	Complex Nursing Care: Mental Health	92316
Clinic Level 3 and Acupuncture Techniques 2	99644	Complex Parenting Disputes	78131
Clinic Level 4 and Acupuncture Techniques 3	99645	Complex Parenting Disputes	78130
Clinic Level 5 and Acupuncture Microsystems	99646	Complex Pregnancy	92624
Clinic Level 6	99647	Complexity and Spatial Analysis	17555
Clinical Bacteriology	91338	Composing the Real	58115
Clinical Features of Disease	99584	Computation Techniques in the Materials Sciences	68045
Clinical Management of Diabetes	92934	Computational Finance	25835
Clinical Practice (Diabetes)	93006	Computational Linear Algebra	35212
Clinical Practice 1	96015	Computational Methods and Model Implementation	25853
Clinical Practice 1 (TCM)	99630	Computational Physics	68416
Clinical Practice 2	96016	Computer Game Design	32003
	99631	_ 1 0	32501
Clinical Practice 2 (TCM)		Computer Graphics Project	
Clinical Practice 3	99658	Computer Graphics Project	31248
Clinical Practice 3	96017	Computer Graphics Rendering Techniques	31249
Clinical Practice 3	99669	Computer Modelling and Design	48389
Clinical Practice 4	99670	Computer Vision and Image Processing	32210
Clinical Practicum (Therapy and Diagnosis)	91611	Computer-aided Industrial Design	84121

Computer-aided Mechanical Design	49325	Coral Reef Ecosystems	91126
Computer-based Accounting	22515	Core Concepts in Acute Care Nursing	92616
Computing Studies Teaching Methods 1	013040	Corporate Accounting	22754
Computing Studies Teaching Methods 2	013052	Corporate Environmental Responsibility	79019
Computing Studies Teaching Methods 3	013157	Corporate Environments	86160
Computing Studies Teaching Methods 4	013158	Corporate Finance	25765
Concepts in Pharmaceutical Sciences	96002	Corporate Finance Transactions 1	78197
Concrete Design	48353	Corporate Finance Transactions 1	78198
Concrete Technology and Practice	49151	Corporate Finance Transactions 2	78200
Concurrent Study Design	89964	Corporate Finance Transactions 2	78199
Concurrent Study Design 2	89953	Corporate Finance: Theory and Practice	25557
Conflict of Laws	76112	Corporate Financial Analysis	25743
Conservation and Heritage Construction	171200 48340	Corporate Financial Analysis (Capstone)	25410 78125
Construction Contracts and Finance	17123	Corporate Governance Corporate Governance	78125 78126
Construction Cost Planning	17553	Corporate Governance and Executive Compensation	25578
Construction for Developing Communities	16900	Corporate Governance and Strategic Direction	21841
Construction Law and Professional Practice	16421	Corporate Governance and Sustainability	21874
Construction Materials	48352	Corporate Insolvency	78121
Construction MIS	16424	Corporate Insolvency	78122
Construction Practice Project	16084	Corporate Law	70417
Construction Technology 1	16109	Corporate Management and Organisational Change	15608
Construction Technology 2	16265	Corporate Reporting: Professional and Conceptual Issues	22520
Construction Technology 3	16314	Corporate Social Responsibility and Social Impact	21879
Construction Technology 4	16422	Corporate Treasury Management	25763
Consumer Behaviour	24202	Cost Management 1: Measurement	16105
Consumer Environments	86150	Cost Management 2: Estimating	16203
Contaminated Site and Waste Remediation	49116	Cost Management 3: Cost Planning	16207
Contemporary Business Law	79708	Cost Management 4: Advanced Estimating	16412
Contemporary Canada (Quebec)	976602	Cost Management and Analysis	22753
Contemporary Canada (Quebec)	979516	Cost Management Systems	22321
Contemporary China	976111	Course Design and Assessment	010043
Contemporary China	979510	Couture Techniques	83883
Contemporary Clinical Midwifery Practice	92019	Creating Event Experiences	27345
Contemporary France	83566	Creative Information Design	58125 57175
Contemporary France Contemporary France	979512 976411	Creative Producing	58120
Contemporary Germany	976421	Creativity and Culture Credit Risk	25850
Contemporary Germany	979514	Crime Scene Investigation	65342
Contemporary Indigenous Health and Wellbeing	92317	Criminal Law	70218
Contemporary Issues in Constitutional Law	78021	Criminal Sentencing Law	78030
Contemporary Issues in Health Law	78144	Criminology	76012
Contemporary Issues in Health Law	78145	Crisis Negotiation	78171
Contemporary Issues in Management Accounting Research		Crisis Negotiation	77792
Contemporary Italy	979515	Critical Issues in Global Tourism	27348
Contemporary Italy	976431	Critical Issues in Health and Wellbeing	27227
Contemporary Japan	979511	Critical Theory	11310
Contemporary Japan	976211	Cross Cultural Management	21491
Contemporary Latin(o) Americas	976502	Cultural Diversity at Work	013963
Contemporary Latin(o) Americas	979518	Cultural Studies Honours Seminar	55068
Contemporary Legal Studies 1	76075	Culture, Difference and Curriculum	013145
Contemporary Legal Studies 2	76076	Culture, Science and Nature	58329
Contemporary Music 1	50830	Current Issues in Enterprise Systems	22772
Contemporary Music 2	50837	Current Issues in Family Law	78134
Contemporary Spain	976451	Current Issues in Family Law	78135
Contemporary Spain Contemporary Switzerland	979513 976404	Current Issues in Sport Business Current Issues in Taxation	27100 77945
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Storytelling, Narrative and Features	58210	Tailoring: New and Traditional Techniques	83885
Strategic Asset Management	12515	Taxation Administration	77767
Strategic Business Management	32562	Taxation Law	79017
Strategic Business Marketing	24707	Taxation of Business Entities	77796
Strategic Communication and Negotiation	57026	Taxation of Commercial Enterprises	78209
Strategic Competitive Advantage in the Digital Age	21853	Taxation of Commercial Enterprises	78208
Strategic e-Business Technologies	48721	Teaching Aboriginal Studies	013981
Strategic Enterprise Management Systems	22774	Teaching Across the Curriculum	022603
Strategic Facility Planning	15343	Teaching and Learning in Diabetes Education	015342
Strategic Governance and the Business of Government	21758	Teaching and Learning in Higher Education	013138
Strategic Human Resource Development	013976	Teaching and Learning in Practice	013977
Strategic Human Resource Management	21407	Teaching and Learning Literacy	013118
Strategic Human Resource Management	21870	Teaching and Learning Numeracy	013113
Strategic Human Resource Management	21724	Teaching English to International Students	010039
Strategic Information Technology Investment	32007	Teaching English to International Students	024713
Strategic International Marketing	24738	Team Building and Leadership	15617
Strategic Issues in Community Management	21759	Team Communication in the Workplace	013961
Strategic Issues in Research Management	95586	Technical Analysis	25809
Strategic IT Project	31280	Techniques in Perioperative Nursing	92882
Strategic Leadership for Innovation	32005	Technology and Innovation Management	49016
Strategic Management	21715	Technology Enhanced Language Learning	013132
Strategic Management in Leisure, Sport and Tourism	-	Technology Research Methods	32931
Organisations	27324	Technology Research Preparation	32144
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Technology Workshop: Creative Play	89108	Time Series Econometrics	25573
Technology Workshop: Experimental Media	89109	Topics in Australian Marine Science	91146
Technology Workshop: New Poetics	89173	Torts	70311
Technology, Law and the Future of Entertainment	78036	Tour Operator and Wholesaling Management	27346
Telecommunication Networks Management	49238	Tourism and Sustainability	27327
			27735
Telecommunications Engineering Review	49249	Tourism and the Industry	
Telecommunications Industry Management	49215	Tourism Marketing	27642
Telecommunications Law and Regulations	78178	Tourist Attractions Management	27646
Telecommunications Law and Regulations	78179	Tourist Behaviour	27767
Telecommunications Signal Processing	49203	Trade Marks Law	78192
Television and Video Journalism	57158	Trade Marks Law	77889
Text and Context	58119	Trade Marks Practice	77890
Textile and Fashion Innovation	89015	Trade Marks Practice	78193
Textile Lab: New Technologies	83723	Traffic and Transportation	49102
Textiles: Dye Methods	88006		75422
		Transactional Practice	
Textiles: Installation	88005	Transcultural Communication in Japanese	97210
Textiles: Print	88004	Transfusion Science	91129
Textiles: Surface Form	88007	Transitions to Parenthood	92634
The Arts in Supervision and Self Work	013949	Transmission Systems	49205
The Biosphere	91107	Transnational Management	21591
The Ecology of Public Communication	58116	Transnational Media	58317
The Experience Economy	27733	Troubleshooting Converged Networks	32109
The Financial System	25556	True Crime	57165
The Global Context of Management	21510	Turbomachines	49328
The Global Economy (Capstone)	23580	Twentieth Century Chinese Fiction	97110
The Human Environment	86002	Undergraduate Project (Research Internship)	60701
The Language Literacy and Numeracy Learner	013149	Undergraduate Project (Scientific Practice)	60700
The Law and Education	78040	Understanding Adult Education and Training	013122
The Meaning of Birth	92922	Understanding Communication	58101
The New Economy of Post-Nature	58328	Understanding Financial Reports Prepared Under IFRS	22492
The Project Organisation: A new Organisational Model	15347	Understanding Organisations: Theory and Practice	21512
			92326
The Psychology of Adolescent Learning	013001	Understanding the Person: Life Transitions	
The Psychology of Adult Development	013120	Understanding Three-dimensional Form	84111
The Psychology of Adult Learning	013974	UNIX Systems Administration	32520
The Research Process	15463	UNIX Systems Programming	32547
The Scientific Method	60902	Urban Analysis	15121
The Secondary School	013005	Urban Design	15222
The Socio-cultural Contexts of Secondary Education	013008	Urban Design and Management	15221
The Sport Industry	27252	Urban Economics	16235
The Tourism Business	27648	Urban Economics and Finance	15241
The Tourist Experience	27185	Urban Planning Process	16233
Theory and Creative Writing	57134	Urban Simulation	17554
Theory and Practice of Literacy	013117	Urban Stormwater Design	49107
Theory and Practice of Teaching English to Speakers of		User-Centred Design	84711
other Languages	013121	User-Centred Design Methods	32405
Theory of Financial Decision Making	25921	Using Film for Critical Pedagogy	013146
Therapeutic Interventions in Mental Health Care	92876	Using Health Care Data for Decision Making	92917
Therapeutic Interventions in Mental Health Care 2	92605	Using Information Technology for Learning	013970
Thermal Design and Environmental Control	11225	Valuation Application	12535
	48651		17771
Thermodynamics		Valuation Methodology	
Thesis (Analytics)	31676	Valuation Methods	16234
Thesis (Architecture)	13905	Value Chain Engineering Systems	49680
Thesis (Building)	14903	Value Management	16920
Thesis (Computing Science)	31675	Value Management, Negotiation and Conflict Management	15325
Thesis (Design)	81821	VC Extensions A	87931
Thesis (Doctor of Education)	019981	VC Extensions B	87932
Thesis (Education)	016102	VC Project: Design Practice	87555
Thesis (International Studies)	979110	VC Project: Sequence and Narrative	87335
Thesis (Law)	77698	VC Project: Symbols and Systems	87222
			87665
Thesis (Mathematics) Thesis (Mathematics) Honours Part A	34776	VC Project: The Community	
Thesis (Mathematics) Honours Part A	35493	VC Project: Typography in Context	87443
Thesis (Mathematics) Honours Part B	35494	VC Project: Visualising Experience	87445
Thesis (Quantity Surveying)	15903	VC Project: Ways of Seeing	87100
Thesis Construction Management	16906	VC Special Project	87500
Thesis Development and Appraisal	015381	VC Studies: Concepts of Professionalism	87551
Thesis in Accounting	22906	VC Studies: Contexts of Visual Communication	87441
Thesis in Accounting (BAcc)	22991	VC Studies: Histories of Visual Communication	87221
Thesis in Accounting (PT)	22909	VC Studies: Image Experimentation	87118
Thesis in Economics (Honours)	23910	VC Technology: Advanced Interactive Media	87649
	25929		
Thesis in Finance (Honours) Thesis in Finance and Fearnmics (Honours)		VC Technology: Advanced Video Media	87659 87630
Thesis in Finance and Economics (Honours)	25984	VC Technology: Advanced Web Media	87639
Thesis in Management (Honours)	21913	VC Technology: Digital Photo Media	87669
Thesis in Marketing (Honours) 1	24770	VC Technology: Historical Photo Media	87569
Thesis in Marketing (Honours) 2	24771	VC Technology: Introduction to Interactive Media	87549
Thesis in Mathematics and Finance (Honours) 1	25230	VC Technology: Introduction to Video Media	87559
Thesis in Mathematics and Finance (Honours) 2	25231	VC Technology: Introduction to Web Media	87539
Thesis Proposal in Economics (Honours)	23909	VC Technology: Motion Graphics	87447
Thesis Proposal in Finance (Honours)	25928	VC Technology: Pre-press and Print Production	87007
Thesis Proposal in Management (Honours)	21912		87333
		VC Technology: Typography, Text and Form	
Thesis: Mathematics and Finance (Hons) A	35476	VC Technology: Visible Language	87117
Thesis: Mathematics and Finance (Hons) B	35477	Vehicle Design	49286
Thinking Fashion	83119	Venture Capital and Private Equity: Theory and Practice	25732
Time and Quality Management	16913	Venture Capital Finance	25764

Venue and Facility Management	27717
Venue Management	27216
Verbal and Body Psychotherapies	013950
Vibration Analysis	49323
Vis Arbitral Moot	76901
Visual Arts Education	012220
Visual Arts Teaching Methods 1	013050
Visual Arts Teaching Methods 2	013062
Visual Arts Teaching Methods 3	013068
	013008
Visual Arts Teaching Methods 4	88913
Visual Information Project	
Visualisation and Sonification Studio	50847
Visualising Research	87773
Vocational Competencies 1	15606
Vocational Competencies 2	15607
Volunteer Management	21817
WANs and Virtual LANs	31283
WANS and VLANS	32521
Waste and Pollution Management	49123
Water and Environmental Design	48881
Water Quality Management	49124
Water Quantity and Quality Processes	48372
Water Supply and Wastewater Engineering	48840
Water Supply and Wastewater Management	49105
Wealth Management	25576
Wearable Media and e-Fashion	50853
Web Services Development	31284
Web Services Technologies and Applications	32525
Web Systems	31268
Web Technologies	49262
Wickedness and Vice	78039
Wide Area Network Implementation	32010
Wildlife Ecology	91116
Wind Engineering	49135
Wireless Networking Technologies	49048
Wireless Sensor Networks	49227
Wireless Sensor Networks: Technology and Applications	48033
Women's Collection	83886
Work and Learning	013123
Work and People	013124
Workplace Dispute Resolution	77867
Workplace Dispute Resolution	78176
Workplace Ecology	15321
Workshops for Practice Readiness (Graduate Entry)	92016
Workshops for Practice Readiness 1	92327
Workshops for Practice Readiness 2	92328
World Trade Law	76013
World Trade Organisation Law and Practice	77976
Writing for the Screen	57171
Writing for the Screen	57142
Writing Laboratory	58313
Writing Poetry	57133
Writing Project 1	57188
Writing Project 2	57189
Writing Seminar	57190
Writing Studies Honours Seminar	55066
Writing Television Drama	57154
Writing Through Genre	58902
	00702

ALPHABETICAL LIST OF MAJORS

The major names and major codes for all majors are listed below, alphabetically ordered by major name. The completion requirements for these majors are in Study package directory: Majors, numerically ordered by major code (see pages 579–633).

Aborioinal Studies and Community Adult Education	M A 100272	Design for Change Systeinshillty Design and	
Aboriginal Studies and Community Adult Education Aboriginal Studies and Language, Literacy and	MAJ09373	Design for Change: Sustainability, Design and Creative Futures	MAJ10028
Numeracy	MAJ09368	Design Specialisation	MAJ08967
Aboriginal Studies and Language, Literacy and	1,111,00000	Digitally Mediated Environments	MAJ10017
Numeracy	MAJ09396	Dispute Resolution	MAJ09426
Accounting	MAJ08437	Dispute Resolution	MAJ09002
Accounting and Finance	MAJ08934	Dispute Resolution	MAJ09320
Accounting Information Systems	MAJ08049	Dispute Resolution	MAJ09425
Adult Education	MAJ07067	Dispute Resolution Law	MAJ09386
Advanced Nursing Practice Aerospace Engineering	MAJ06213 MAJ03414	e-Learning Economics	MAJ07056 MAJ09209
Animation Design	MAJ10018	Education	MAJ07051
Applied Chemistry	MAJ01087	Electrical Engineering	MAJ03005
Applied Chemistry	MAJ01079	Electrical Engineering	MAJ03413
Applied Chemistry	MAJ01100	Electrical Engineering	MAJ03017
Applied Linguistics	MAJ07055	Electrical Engineering	MAJ03028
Applied Physics	MAJ01101	Energy Planning and Policy	MAJ03439
Applied Physics	MAJ01088	Energy Planning and Policy	MAJ03380
Applied Physics	MAJ01080	Energy Planning and Policy	MAJ03421
Argentina Argentina Major	MAJ08954 MAJ09422	Engineering Management English	MAJ08860 MAJ07049
Arts Management	MAJ08959	English	MAJ07049 MAJ07063
Biomedical Engineering	MAJ03465	English/History	MAJ07068
Biomedical Engineering	MAJ03466	Enterprise Systems Development	MAJ03444
Biomedical Engineering	MAJ03470	Environmental Biology	MAJ01106
Biomedical Science	MAJ01104	Environmental Biology	MAJ01082
Biomedical Science	MAJ01081	Environmental Change Management	MAJ05003
Biomedical Science	MAJ01090	Environmental Engineering	MAJ03416
Biotechnology	MAJ01115	Environmental Forensics	MAJ01113
Biotechnology	MAJ01103	Environmental Forensics	MAJ01108
Biotechnology Branding Design	MAJ01119 MAJ10016	Environmental Science Environmental Sciences	MAJ01089 MAJ01126
Business Information Systems Management	MAJ02080	ESL ESL	MAJ07050
Business Law	MAJ09362	Event Management	MAJ08961
Business Law	MAJ09401	Extended Economics	MAJ09402
Business Studies	MAJ08965	Extended Finance	MAJ08060
Canada	MAJ08933	Extended Management	MAJ08046
Canada (Quebec) Major	MAJ09418	Extended Marketing	MAJ08063
Chemical Science	MAJ01129	Family Law	MAJ09367
Children's Art	MAJ10006	Family Law	MAJ09385
Chile Chile Major	MAJ08918 MAJ09420	Fashion and Textiles Studio Finance	MAJ10027 MAJ08440
China	MAJ08919	Finance	MAJ08940
China Major	MAJ09412	Financial Services	MAJ08068
Civil and Environmental Engineering	MAJ03412	Forensic Science	MAJ01123
Civil and Environmental Engineering	MAJ03026	France	MAJ08920
Civil and Environmental Engineering	MAJ03002	France Major	MAJ09414
Civil and Environmental Engineering	MAJ03014	Furniture Design	MAJ04005
Civil Engineering	MAJ03459	Geography/Commerce, Business Studies and	MA 107060
Civil Engineering Civil Engineering	MAJ03013 MAJ03455	Economics Geotechnical Engineering	MAJ07069 MAJ03458
Civil Engineering	MAJ03134	Geotechnical Engineering	MAJ03461
Civil Engineering	MAJ03454	Geotechnical Engineering	MAJ03460
Civil Engineering	MAJ03453	Germany	MAJ08921
Civil Engineering	MAJ03025	Germany Major	MAJ09416
Civil Engineering	MAJ03001	Global Business Law	MAJ09410
Civil Engineering and Structural Engineering	MAJ03456	Global Business Law	MAJ09411
Clinical Management	MAJ08970	Global Business Law	MAJ10030
Colombia	MAJ09423	Health Research	MAJ06215
Colombia Commerce, Business Studies and Economics	MAJ09409 MAJ07070	Health Services Planning History/Geography	MAJ08968 MAJ07071
Commerce, Business Studies and Economics/	MAJ07070	Human Resource Development	MAJ08962
Computing Studies	MAJ07074	Human Resource Development	MAJ08953
Commercial Law	MAJ09313	Human Resource Development	MAJ08914
Commercial Law	MAJ09383	Human Resource Management	MAJ08020
Commercial Law	MAJ09388	Human Resource Management	MAJ08446
Communication	MAJ10019	Human Resources and Management major	MAJ08972
Computer Control Engineering	MAJ03438	ICT Engineering	MAJ03448
Computer Control Engineering	MAJ03430 MAJ03420	ICT Engineering	MAJ03449
Computer Control Engineering Computing Studies	MAJ03420 MAJ07073	ICT Engineering ICT Engineering	MAJ03447 MAJ03446
Corporate and Commercial Law	MAJ09403	Indigenous Studies	MAJ07072
Corporate and Commercial Law	MAJ09390	Industrial and Intellectual Property Law	MAJ09384
Data Analytics	MAJ02081	Industrial and Intellectual Property Law	MAJ09363
Design for Change	MAJ10036	Information and Media	MAJ10023

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Information Design	MAJ10014	Mexico Major	MAJ09421
Information Technology	MAJ02044	Nanotechnology	MAJ01102
Information Technology	MAJ02041	Nanotechnology	MAJ01091
Information Technology Law	MAJ09387	Nanotechnology	MAJ01085
Information Technology Law	MAJ09323	Nurse Practitioner	MAJ06214
Information Visualisation	MAJ10029	Objects and Accessories	MAJ03471
Innovation Engineering	MAJ03029	Operations	MAJ03462
Innovation Engineering	MAJ03024	Operations	MAJ03464
Integrated Communication	MAJ08057	Operations	MAJ03463
Integrated Logistic Support and Engineering		Operations and Supply Chain Management	MAJ08973
Management	MAJ03451	Organisational and Workplace Learning	MAJ07076
Integrated Logistic Support and Engineering	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Organisational Change and Communication	MAJ08059
Management	MAJ03452	Perception Space Materials	MAJ04007
Intellectual Property	MAJ09400	Personal Development, Health and Physical Education	
Intellectual Property	MAJ09406	Personal Development, Health and Physical Education	MAJ07041
Interactivation	MAJ10026	Photomedia	MAJ10015
		Physics and Advanced Materials	MAJ01122
Interior Lighting	MAJ04004		
International Business	MAJ08442	Physics and Advanced Materials	MAJ01128
International Business	MAJ08941	Popular Education and Social Change	MAJ07077
International Business	MAJ08964	Professional Accounting	MAJ08483
International Law	MAJ09392	Project Management	MAJ08956
International Law	MAJ09382	Project Management	MAJ08484
International Law	MAJ09405	Public Communication	MAJ10024
International Law	MAJ09322	Public Relations	MAJ08058
International Trade Law	MAJ09364	Quantitative Management Science	MAJ01024
International Trade Law	MAJ09004	Safety and Quality in Health Care	MAJ08969
International Trade Law	MAJ09381	Science	MAJ07061
International Trade Law	MAJ09389	Science Management	MAJ01097
Internetworking and Applications	MAJ03445	Science Management	MAJ01125
Italy	MAJ08923	Science/Computing Studies	MAJ07065
Italy Major	MAJ09417	Science/TAS (Computing)	MAJ10012
Japan	MAJ08924	Social Inquiry	MAJ09395
Japan Major	MAJ09413	Software Engineering	MAJ03425
Journalism	MAJ10020	Software Engineering	MAJ03379
Language, Literacy and Numeracy	MAJ09370	Software Engineering	MAJ03432
Language, Literacy and Numeracy	MAJ09397	Spain	MAJ08927
Languages other than English	MAJ07062	Spain Major	MAJ09415
Latin(o) USA Major	MAJ09424	Sport Management	MAJ08445
Latino USA	MAJ09380	Sport Management	MAJ08960
Law	MAJ09005	Statistics	MAJ01111
Legal Studies	MAJ09399	Statistics	MAJ01023
Lighting	MAJ04006	Structural Engineering	MAJ03433
Local Government Engineering	MAJ03440	Structural Engineering	MAJ03378
Local Government Engineering	MAJ03375	Structural Engineering	MAJ03426
Local Government Engineering	MAJ03422	Switzerland	MAJ08932
Local Government Engineering and Environmental		Switzerland Major	MAJ09419
Engineering	MAJ03443	Systems Engineering	MAJ03468
Management	MAJ08915	Systems Engineering	MAJ03469
Management	MAJ08517	Systems Engineering	MAJ03467
Management	MAJ08476	Technology and Applied Studies	MAJ07047
Management	MAJ08438	Technology Management	MAJ08938
Management	MAJ08955	Telecommunication Networks	MAJ03427
Management Studies	MAJ08966	Telecommunication Networks	MAJ03385
Manufacturing Engineering and Management	MAJ03424	Telecommunication Networks	MAJ03434
Manufacturing Engineering and Management	MAJ03442	Telecommunications Engineering	MAJ03428
Manufacturing Engineering and Management	MAJ03415	Telecommunications Engineering	MAJ03382
Marine Biology	MAJ01112	Telecommunications Engineering	MAJ03435
Marine Biology	MAJ01107	Telecommunications Engineering and	1411 1,00 100
Marine Science and Management	MAJ01130	Telecommunication Networks	MAJ03431
Marketing	MAJ08441	Telecommunications Engineering and	
Marketing	MAJ08480	Telecommunication Networks	MAJ03437
Marketing Communication	MAJ08116	TESOL	MAJ07054
Mathematical and Statistical Modelling	MAJ01124	Tourism Management	MAJ08443
Mathematics	MAJ01124 MAJ01116	Tourism Management	MAJ08443 MAJ08958
Mathematics	MAJ01086	Value Chain Management	MAJ03457
Mathematics	MAJ07058	Visual Arts	MAJ07059
Mathematics	MAJ01110	Visual Arts	MAJ07048
Mathematics	MAJ01095	Vocational Education	MAJ09371
Mathematics/Computing Studies	MAJ07066	Vocational Education	MAJ09398
Mathematics/Science	MAJ07064	Water Engineering	MAJ03429
Mechanical and Mechatronic Engineering	MAJ03450	Water Engineering	MAJ03436
Mechanical and Mechatronic Engineering	MAJ03012	Water Engineering	MAJ03372
Mechanical Engineering	MAJ03007	Writing and Cultural Studies	MAJ10022
Mechanical Engineering	MAJ03030	Youth Performance Studies	MAJ10007
Mechanical Engineering	MAJ03019		
Mechanical Engineering	MAJ03139		
Media Arts and Production	MAJ10021		
Medical and Molecular Biosciences	MAJ01127		
Medical Biotechnology	MAJ01121		
Medical Science	MAJ01114		
Medical Science	MAJ01105		
Medical Science	MAJ01120		
Mexico	MAJ08926		

ALPHABETICAL LIST OF SUB-MAJORS

The sub-major names and sub-major codes for all sub-majors are listed below, alphabetically ordered by sub-major name. The completion requirements for these sub-majors are in Study package directory: Sub-majors, numerically ordered by sub-major code (see pages 633–649).

	,		1 0
Aboriginal Studies	SMJ09052	Furniture Design	SMJ10016
Accounting for Small Business	SMJ08188	General Practice	SMJ04015
Accounting Information Systems	SMJ08098	Human Resource Development	SMJ08141
Acute Care Nursing	SMJ06032	Human Resource Management	SMJ08128
Advanced Advertising	SMJ08131	Human Resources Management	SMJ08066
Advanced Manufacturing Systems	SMJ03056	Image Studies	SMJ10035
Advanced Mechanical Analysis	SMJ03053	Information	SMJ09043
Advertising	SMJ08212	Information and Media	SMJ09054
Advertising	SMJ08137	Information Technology	SMJ02038
Advertising Principles	SMJ08198	Information Technology	SMJ02037
Anaesthetics and Recovery Room Nursing	SMJ06020	Information Technology	SMJ02059
Applications Development Architectural Experience	SMJ02045	Information Technology	SMJ02069 SMJ09045
Architectural Experience Architectural Studies	SMJ04016 SMJ10020	Information Technology Law Innovation	SMJ08196
	SMJ10020 SMJ08071	Innovation Technologies	SMJ10036
Arts Management Automation	SMJ03055	Intelligent Systems	SMJ03058
Automation Automotive Systems	SMJ03057	Interaction Design	SMJ10038
Biomedical Engineering	SMJ03047	International Accounting	SMJ08117
Bodies, Genders, Rights	SMJ09051	International Business	SMJ08193
Building Services	SMJ03048	International Business	SMJ08148
Building Surveying	SMJ04014	International Business Studies	SMJ08139
Business	SMJ08216	International Exchange	SMJ10028
Business Accounting	SMJ08157	International Management	SMJ08129
Business Information Systems	SMJ02036	International Management	SMJ08160
Business Information Systems Management	SMJ01043	International Studies	SMJ09034
Business Information Systems Management	SMJ02064	International Trade Law	SMJ09046
Business Law	SMJ09037	Internet Business Technology	SMJ08163
Business Law	SMJ09030	Internetworking	SMJ02043
Business Law	SMJ09059	Internetworking and Applications	SMJ03037
Chemistry	SMJ01005	Internetworking and Applications	SMJ01045
Child and Family Health Nursing	SMJ06033	Introductory Economics	SMJ09040
Children's Nursing	SMJ06022	Introductory Finance	SMJ08181
Clinical Management	SMJ08194	IT Management	SMJ02047
Clinical Teaching	SMJ07002	Journalism	SMJ10043
Communication	SMJ10040	Journalism	SMJ10034
Communications and Information	SMJ09042	Language other than English	SMJ09035
Community Management	SMJ08209	Logistics Management	SMJ08081
Composition	SMJ10037	Management	SMJ08208
Computer Graphics and Animation Computer Graphics and Animation	SMJ02039 SMJ02066	Management Management Consulting	SMJ08130 SMJ08109
Computer Systems	SMJ03042	Management Reporting	SMJ08195
Computer Systems	SMJ03041	Manufacturing Automation	SMJ03060
Computer Systems	SMJ03043	Marine Biology	SMJ09055
Computer Systems Engineering	SMJ03034	Marketing	SMJ08138
Computing and Data Analysis	SMJ01046	Marketing	SMJ08084
Critical Care Nursing	SMJ06023	Marketing Principles	SMJ08197
Data Analytics	SMJ02065	Marketing Research	SMJ08111
Design for Theatre	SMJ10017	Marketing Research	SMJ08132
Diabetes Education and Management	SMJ06034	Mathematics	SMJ01007
Dispute Resolution	SMJ09021	Mechanical Engineering	SMJ03049
Econometrics	SMJ09058	Mechatronics	SMJ03050
Economics	SMJ09028	Media Arts and Production	SMJ10042
Electronics and Computer Interfacing	SMJ01010	Media Studies	SMJ10032
Employment Relations	SMJ08159	Mental Health Nursing	SMJ06024
Engineering	SMJ03061	Mobile Computing	SMJ02044
Engineering Management	SMJ08075	Nanotechnology	SMJ10030
Engineering Policy	SMJ03429	Neonatal Nursing	SMJ06025
Enterprise Systems Development	SMJ01044	Network Engineering	SMJ03051
Enterprise Systems Development	SMJ03036	Neuroscience Nursing	SMJ06026
Environmental Biology	SMJ09057	Object and Accessory Design	SMJ10026
Environmental Protection Environmental Sciences	SMJ09056	Operations and Supply Chain	SMJ08037 SMJ01011
Environmental Studies	SMJ01048 SMJ09050	Operations Research Operations Theory and Management	SMJ02056
Event Management	SMJ08203	Performative Spaces	SMJ04023
Event Management	SMJ08213	Perioperative Nursing	SMJ06027
Exhibition Design	SMJ10019	Photography	SMJ10011
Film and Video	SMJ10013	Physics	SMJ01012
Finance	SMJ08147	Physics	SMJ10031
Finance	SMJ08192	Project Management	SMJ08086
Finance	SMJ08123	Public Relations	SMJ08211
Finance and Economics	SMJ08185	Public Relations	SMJ08153
Financial Planning	SMJ08214	Quantitative Management	SMJ01026
Financial Reporting	SMJ08116	Quantitative Management	SMJ01025
Financial Services	SMJ08215	Quantitative Methods	SMJ01029
Foundations in Law	SMJ09032	Reading Australia	SMJ09049

Research Methods	SMJ08206
Scientific Computing	SMJ02054
Scientific Computing	SMJ02057
Screen Studies	SMJ10033
Screenwriting	SMJ10044
Small Business Accounting	SMJ08120
Social Inquiry	SMJ09053
Software	SMJ03040
Software	SMJ03039
Software	SMJ03038
Software Engineering	SMJ02040
Software Engineering	SMJ03052
Specialist Country Studies	SMJ09036
Sport Management	SMJ08155
Sport Management	SMJ08126
Statistical Modelling	SMJ01032
Statistics	SMJ01009
Statistics (Life Sciences)	SMJ01030
Statistics (Physical Sciences)	SMJ01031
Strategic Information Technology	SMJ02015
Strategic Management	SMJ08038
Strategic Marketing	SMJ08205
Strategic Marketing	SMJ08204
Sustainable Energy Systems	SMJ03059
Sustainable Energy Systems Analysis	SMJ03054
Taxation Law	SMJ09033
Technology	SMJ03029
Telecommunications	SMJ03044
Telecommunications	SMJ03045
Telecommunications	SMJ03046
Textile Design	SMJ10012
Tourism Management	SMJ08156
Tourism Management	SMJ08127
Transnational Studies	SMJ09048
Value Creation in Services	SMJ08210
VFX Design	SMJ10047
Writing and Cultural Studies	SMJ10041

UTS CONTACTS AND LOCATIONS

CONTACTS

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fax +61 2 9514 1551

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Ask UTS www.ask.uts.edu.au

www.uts.edu.au

Postal addresses

All campuses

PO Box 123

Broadway NSW 2007

Australia

Kuring-gai campus

PO Box 222

Lindfield NSW 2070

Australia

For course inquiries, contact a UTS Student Centre (see page 20).

LOCATIONS

City campus

Broadway

- CB01, Tower, Building 1 15 Broadway, Ultimo
- CB02, Building 2
 15 Broadway, Ultimo
- CB03, Bon Marche, Building 3 755 Harris Street, Ultimo
- CB04, Building 4
 745 Harris Street and 95 Thomas Street, Ultimo
- CB04B Multi-Purpose Sports Hall
 745 Harris Street and 95 Thomas Street, Ultimo
- CB06, Peter Johnson Building, Building 6
 702–730 Harris Street, Ultimo
- CB08, The Terraces 9–13 Broadway, Ultimo
- CB10, Building 10 235 Jones Street, Ultimo

Haymarket

 CM05A–CM05D, Building 5 1–59 Quay Street, Haymarket

Blackfriars

CC01–CC07
 2–14 Blackfriars Street, Chippendale

Harris Street

• CH01, Mary Anne House 645 Harris Street, Ultimo

McKee Street

 CK01, Magic Pudding Child Care 1 McKee Street, Ultimo

Quay Street

• CQ01

10 Quay Street, Haymarket

Student housing

- CA01, Geegal 8–84 Ivy Street, Chippendale
- CA02, Bulga Ngurra
 23–27 Mountain Street, Ultimo
- CA03, Gumal Ngurang 161 Broadway, Ultimo
- CA06, Yura Mudang 702–730 Harris Street, Ultimo

Kuring-gai campus

- KG01–KG08
 Eton Rd, Lindfield
- KG05 UTS Northshore Conference Centre

UTS Haberfield Rowing Club

• HA01

Dobroyd Parade Haberfield NSW 2045

Psychology Unit, St Leonards

• SL03

174 Pacific Highway St Leonards NSW 2065

Other location

ST01-ST02 Alderley Cottage Lot AFP 161894 The Bucketts Way Booral NSW 2425

MAPS

UTS campus maps are available at:

http://datasearch.uts.edu.au/about/mapsdirections/map.cfm

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